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ТАБЛИЦЫ
В Н У Т Р Е Н Н Е Й
БАЛИСТИКИ

ЧАСТЬ IV

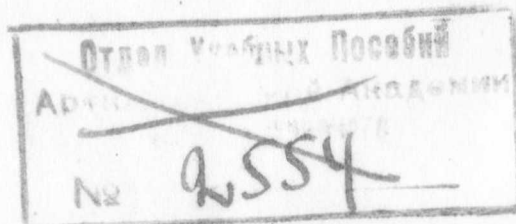
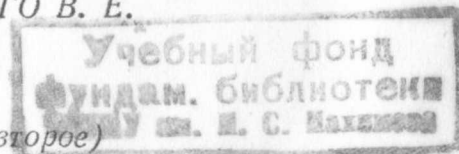
ТАБЛИЦЫ ДЛЯ БАЛИСТИЧЕСКОГО РАСЧЕТА
(Т. Б. Р.)

Под редакцией
кандидата технических наук
инженер-полковника
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и

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ВОЕННОЕ ИЗДАТЕЛЬСТВО
МИНИСТЕРСТВА ВООРУЖЕННЫХ СИЛ СОЮЗА ССР
МОСКВА — 1947

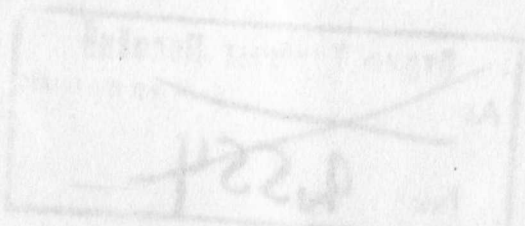
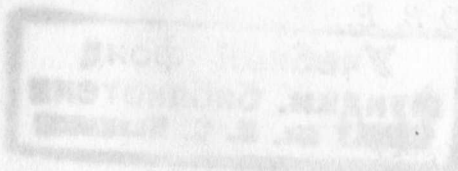
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ВОЕННОЕ ИЗДАТЕЛЬСТВО
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ВВЕДЕНИЕ

Четвёртая часть таблиц внутренней баллистики содержит таблицы для баллистического расчёта, которые в дальнейшем мы будем называть сокращенно Т. Б. Р.

Таблицы для баллистического расчёта орудия позволяют непосредственно найти величину начальной скорости для данных величин p_m — наибольшего давления пороховых газов в канале орудия и Δ_θ — относительной величины полного пути снаряда по каналу. Эти таблицы были предложены в 1932 г. В. Е. Слухоцким и опубликованы в его работе «Производительность зарядов», напечатанной в томе XVI Известий Артиллерийской академии им. Дзержинского за 1936 год.

Идея составления Т. Б. Р. была заимствована из этих таблиц, от которых Т. Б. Р. отличаются большей простотой и полнотой.

Т. Б. Р., так же как и таблицы давлений, скоростей и времен, напечатанные в первых трёх частях настоящего сборника, составлены при следующих данных:

Сила пороха	$f = 950000$ кгдм/кг
Коволюм	$\alpha = 1,0$ дм ³ /кг
Удельный вес пороха	$\delta = 1,6$ кг/дм ³
Давление форсирования	$p_0 = 300$ кг/см ²

Кроме того, при составлении Т. Б. Р. принято: $\theta = 0,2$; $\kappa = 1,06$; $\kappa\lambda = 0,06$, где $1 + \theta$ — показатель адиабаты и κ и λ — коэффициенты, входящие в двухчленную формулу для относительного веса ψ сгоревшей части заряда;

$$\psi = \kappa z (1 - \lambda z).$$

В таблице приведены величины начальных скоростей снаряда, вычисленные при условии, что $\sqrt{\frac{\omega}{\varphi q}} = 1$, где приняты следующие обозначения:

- ω — вес заряда (кг);
- q — вес снаряда (кг);
- φ — коэффициент фиктивности.

Действительная величина начальной скорости v_0 определится при этом из выражения

$$v_0 = v_{\text{табл.}} \sqrt{\frac{\omega}{\varphi q}},$$

где $v_{\text{табл.}}$ — табличная величина начальной скорости. Т. Б. Р. составлены для плотностей заряжания от 0,05 до 0,95 кг/дм³ через 0,01 кг/дм³.

Входными числами в этих таблицах являются: p_m — наибольшее давление пороховых газов в канале орудия и Δ_0 — относительный путь движения снаряда по каналу:

$$\Delta_0 = \frac{l_0}{l_0},$$

где l_0 — полный путь снаряда по каналу;

$$l_0 \text{ — приведенная длина каморы } \left(l_0 = \frac{W_0}{s} \right).$$

В последнем выражении через W_0 обозначена величина объема каморы и через s — площадь поперечного сечения канала орудия с учетом нарезов.

В Т. Б. Р. приведены величины начальных скоростей снаряда, отвечающие данной комбинации значений Δ_0 и p_m при условии полного сгорания пороха в канале орудия.

Входящие в Т. Б. Р. величины Δ_0 и p_m лежат в пределах: Δ_0 от 1,0 и до 20,0 и p_m от 400 до 6000 кг/см². Нижние пределы величин Δ_0 и p_m определяются условием полного сгорания пороха в канале орудия; верхний предел величины p_m обуславливается наибольшей величиной давления в канале орудия, которую можно получить при данной плотности заряжания.

В тех же таблицах приведены величины Δ_k , v_k и $B = (sJ_k)^2 \frac{g}{f\omega\varphi q}$, отвечающие данным величинам Δ и p_m .

Т. Б. Р. составлены на основании данных таблиц давлений и скоростей и находятся в полном согласовании с этими таблицами.

При помощи Т. Б. Р. могут быть найдены начальные скорости снаряда, отвечающие данной комбинации величин Δ , p_m и Δ_0 .

Пользуясь Т. Б. Р., можно указать и марку пороха, для чего, зная величину B , которую найдем из Т. Б. Р. по Δ и p_m , находим величину J_k импульса давления пороховых газов за время горения пороха из выражения

$$J_k = \sqrt{\frac{Bf\omega\varphi q}{gs^2}}.$$

Величину φ коэффициента фиктивности следует определять из выражения, данного В. Е. Слухоцким:

$$\varphi = K + \frac{1}{3} \frac{\omega}{q},$$

где величина K принимается равной:

для гаубиц $K = 1,06$

для пушек $K = 1,05$

для длинных пушек (длиной более 40 калибров) $K = 1,03$

Чтобы показать, как пользоваться рассматриваемыми таблицами, решим следующий пример.

Пример. Определить полную длину ствола 76-мм пушки при следующих данных: $W_0 = 3,100 \text{ дм}^3$; $s = 0,47 \text{ дм}^2$; $\Delta = 0,60 \text{ кг/дм}^3$; $q = 6,5 \text{ кг}$; $v_0 = 800 \text{ м/сек}$; $p_m = 2600 \text{ кг/см}^2$, и указать порох, отвечающий рассматриваемому варианту баллистического решения.

Решение.

1) $I_0 = \frac{W_0}{s} = 6,597 \text{ дм.}$

2) $\omega = W_0 \Delta = 1,860 \text{ кг.}$

3) $\varphi = 1,03 + \frac{1}{3} \frac{\omega}{q} = 1,125.$

4) $v_{\text{табл}} = v_0 \sqrt{\frac{\varphi q}{\omega}} = 1587 \text{ м/сек.}$

5) Из таблиц при $\Delta = 0,60 \text{ кг/дм}^3$; $p_m = 2600 \text{ кг/см}^2$ и $v_{\text{табл}} = 1587 \text{ м/сек}$ имеем:

$$\Delta_\partial = 4,549,$$

откуда

$$I_\partial = \Delta_\partial \cdot I_0 = 30,00 \text{ дм.}$$

6) Полную длину ствола орудия найдем, принимая коэффициент бутылочности камеры равным $\chi = 1,20$ и длину затворной части равной 1,5 калибра, или 1,14 дм.

Полная длина ствола орудия $L_{\text{ор}}$ будет:

$$L_{\text{ор}} = 1,14 + \frac{l_0}{\chi} + I_\partial = 36,64 \text{ дм, или } L_{\text{ор}} = 48,08 \text{ калибра.}$$

7) Для назначения пороха замечаем, что согласно той же таблице при $\Delta = 0,60 \text{ кг/дм}^3$ и $p_m = 2600 \text{ кг/см}^2$ имеем:

$$B = 1,760.$$

При этом

$$J_k = \sqrt{\frac{B f \omega \varphi q}{g s^2}} = 1025 \frac{\text{кг} \cdot \text{см}}{\text{дм}^2}.$$

Исходя из найденной величины J_k , подбираем порох или комбинацию двух порохов из числа существующих так, как это объяснено в работах В. Е. Слухоцкого «Методика расчёта зарядов из порохов, горящих с распадом зерна» и «Методика расчёта комбинированных зарядов».

В случае невозможности подобрать пороха из числа существующих марок следует заказать специальный порох, характеризующийся определенной нами величиной J_k .

Приведенный выше пример расчета показывает, насколько быстро и просто при помощи Т. Б. Р. можно произвести баллистический расчет орудия.



Пример. Определить по Т. Б. Р. заряд орудия калибра 76 мм...
 1) $\lambda = \frac{W}{S} = 0,307 \text{ г/см}^2$
 2) $\omega = W \cdot \lambda = 1,860 \text{ г}$
 3) $r = 1,03 + \frac{\omega}{S} = 1,125$
 4) $v_{\text{ср}} = v_0 \sqrt{\frac{r}{\omega}} = 1587 \text{ м/сек}$
 5) Из таблицы при $\lambda = 0,307 \text{ г/см}^2$; $\rho_m = 2000 \text{ кг/см}^3$; $\rho = 1,587 \text{ м/сек}$
 получаем $L_{00} = 4,240$
 6) По таблице для орудия калибра 76 мм найдем коэффициент...
 7) Для изменения пороха...
 $\Delta = 0,60 \text{ кг/см}^3$; $\rho_m = 2000 \text{ кг/см}^3$; $\rho = 1,760$
 $V = \sqrt{\frac{W}{S}} = 1075 \text{ м/сек}$



ТАБЛИЦЫ
БАЛИСТИЧЕСКИХ РАСЧЕТОВ

α	V_0		α	V_0		α	V_0	
	400	450		400	450		400	450
1.0	1000	1100	1.0	1051	1155	1.0	1100	1210
1.2	1200	1300	1.5	1219	1342	1.5	1300	1430
1.4	1380	1480	2.0	1335	1489	2.0	1400	1540
1.6	1540	1640	2.5	1447	1616	2.5	1500	1670
1.8	1680	1780	3.0	1554	1757	3.0	1600	1820
2.0	1800	1900	3.5	1654	1907	3.5	1700	1980
2.2	1900	2000	4.0	1750	2060	4.0	1800	2140
2.4	1980	2080	4.5	1842	2216	4.5	1900	2210
2.6	2050	2150	5.0	1931	2374	5.0	2000	2280
2.8	2100	2200	5.5	2017	2534	5.5	2100	2350
3.0	2140	2240	6.0	2100	2697	6.0	2200	2420
3.2	2170	2270	6.5	2179	2863	6.5	2300	2490
3.4	2190	2290	7.0	2254	3031	7.0	2400	2560
3.6	2200	2300	7.5	2325	3201	7.5	2500	2630
3.8	2210	2310	8.0	2392	3372	8.0	2600	2700
4.0	2210	2310	8.5	2455	3545	8.5	2700	2770
4.2	2210	2310	9.0	2514	3720	9.0	2800	2840
4.4	2210	2310	9.5	2569	3897	9.5	2900	2910
4.6	2210	2310	10.0	2620	4076	10.0	3000	2980
4.8	2210	2310	10.5	2667	4257	10.5	3100	3050
5.0	2210	2310	11.0	2710	4440	11.0	3200	3120
5.2	2210	2310	11.5	2749	4625	11.5	3300	3190
5.4	2210	2310	12.0	2784	4812	12.0	3400	3260
5.6	2210	2310	12.5	2815	4999	12.5	3500	3330
5.8	2210	2310	13.0	2842	5188	13.0	3600	3400
6.0	2210	2310	13.5	2865	5378	13.5	3700	3470
6.2	2210	2310	14.0	2884	5569	14.0	3800	3540
6.4	2210	2310	14.5	2900	5761	14.5	3900	3610
6.6	2210	2310	15.0	2912	5954	15.0	4000	3680
6.8	2210	2310	15.5	2920	6148	15.5	4100	3750
7.0	2210	2310	16.0	2925	6343	16.0	4200	3820
7.2	2210	2310	16.5	2927	6539	16.5	4300	3890
7.4	2210	2310	17.0	2926	6736	17.0	4400	3960
7.6	2210	2310	17.5	2922	6934	17.5	4500	4030
7.8	2210	2310	18.0	2915	7133	18.0	4600	4100
8.0	2210	2310	18.5	2905	7333	18.5	4700	4170
8.2	2210	2310	19.0	2892	7534	19.0	4800	4240
8.4	2210	2310	19.5	2876	7736	19.5	4900	4310
8.6	2210	2310	20.0	2857	7939	20.0	5000	4380
8.8	2210	2310	20.5	2835	8143	20.5	5100	4450
9.0	2210	2310	21.0	2810	8348	21.0	5200	4520
9.2	2210	2310	21.5	2782	8554	21.5	5300	4590
9.4	2210	2310	22.0	2751	8761	22.0	5400	4660
9.6	2210	2310	22.5	2717	8969	22.5	5500	4730
9.8	2210	2310	23.0	2680	9178	23.0	5600	4800
10.0	2210	2310	23.5	2640	9388	23.5	5700	4870

Т. Б. Р.

$\Delta = 0,05$

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$\Delta = 0,06$

$\Delta = 0,05$			$\Delta = 0,06$					
$\Delta_{\partial} \backslash p_m$	400	450	$\Delta_{\partial} \backslash p_m$	400	450	500	550	600
1,0	1097	1109	1,0	1051	1083	1099	1110	1120
1,5	1251	1260	1,5	1219	1241	1252	1262	1271
2,0	1360	1368	2,0	1333	1352	1361	1369	1376
2,5	1443	1451	2,5	1417	1434	1442	1451	1458
3,0	1508	1516	3,0	1483	1499	1507	1516	1523
3,5	1561	1569	3,5	1538	1554	1562	1570	1576
4,0	1606	1614	4,0	1584	1601	1609	1616	1621
4,5	1645	1653	4,5	1624	1641	1649	1655	1660
5,0	1680	1687	5,0	1660	1676	1683	1689	1694
5,5	1711	1717	5,5	1692	1707	1713	1719	1724
6,0	1738	1744	6,0	1721	1734	1740	1746	1751
6,5	1763	1769	6,5	1747	1759	1765	1771	1776
7,0	1786	1791	7,0	1771	1781	1788	1793	1798
7,5	1807	1812	7,5	1792	1802	1809	1814	1818
8,0	1827	1831	8,0	1811	1821	1828	1833	1837
9	1861	1864	9	1845	1856	1862	1867	1871
10	1891	1894	10	1876	1886	1891	1897	1901
11	1917	1920	11	1903	1912	1917	1923	1927
12	1940	1943	12	1926	1935	1940	1946	1950
13	1961	1964	13	1947	1956	1961	1967	1971
14	1980	1983	14	1966	1975	1980	1986	1990
15	1997	2000	15	1983	1992	1998	2003	2007
16	2013	2016	16	1999	2008	2014	2019	2023
17	2028	2031	17	2014	2023	2029	2034	2038
18	2042	2045	18	2028	2037	2043	2048	2052
19	2055	2058	19	2041	2050	2056	2060	2064
20	2067	2070	20	2054	2063	2068	2072	2075
Δ_{κ}	0,196	0,088	Δ_{κ}	0,489	0,273	0,162	0,078	0,008
v_{κ}	545	376	v_{κ}	777	608	486	347	90
B	1,900	0,900	B	2,483	1,500	0,955	0,490	0,050
$\Delta_{\partial} \backslash p_m$	400	450	$\Delta_{\partial} \backslash p_m$	400	450	500	550	600

$\Delta = 0,07$

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$\Delta_{\partial} \backslash P_m$	400	450	500	550	600	700
1,0	1004	1050	1074	1088	1102	1123
1,5	1177	1215	1233	1245	1256	1274
2,0	1296	1329	1345	1355	1364	1379
2,5	1383	1413	1428	1438	1446	1460
3,0	1453	1480	1495	1504	1512	1525
3,5	1511	1536	1551	1559	1566	1578
4,0	1560	1584	1598	1606	1612	1623
4,5	1602	1625	1639	1646	1652	1662
5,0	1639	1661	1674	1681	1687	1696
5,5	1671	1692	1704	1711	1717	1726
6,0	1699	1720	1731	1738	1744	1754
6,5	1724	1745	1756	1763	1769	1779
7,0	1747	1768	1779	1786	1792	1801
7,5	1769	1789	1800	1807	1813	1821
8,0	1790	1810	1820	1826	1832	1840
9	1826	1844	1853	1859	1865	1874
10	1857	1875	1883	1889	1894	1903
11	1884	1902	1910	1915	1920	1929
12	1908	1926	1934	1939	1944	1952
13	1930	1947	1955	1960	1965	1973
14	1950	1966	1974	1979	1984	1992
15	1968	1983	1991	1996	2001	2009
16	1984	1999	2007	2012	2017	2025
17	1999	2014	2022	2027	2032	2040
18	2013	2028	2036	2041	2046	2054
19	2026	2041	2049	2054	2059	2066
20	2039	2054	2061	2066	2071	2077
Λ_{κ}	0,913	0,498	0,332	0,229	0,146	0,016
v_{κ}	966	771	653	558	459	150
B	2,900	1,843	1,325	0,969	0,653	0,079
$\Delta_{\partial} \backslash P_m$	400	450	500	550	600	700

$$V_0 = V_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$$\Delta = 0,08$$

$\Lambda_0 \backslash p_m$	400	450	500	550	600	700	800
1,0		1004	1043	1065	1080	1104	1124
1,5		1177	1209	1226	1238	1259	1276
2,0	1244	1295	1324	1339	1349	1367	1382
2,5	1339	1383	1410	1424	1431	1450	1464
3,0	1414	1453	1478	1491	1499	1516	1529
3,5	1474	1511	1534	1547	1555	1570	1582
4,0	1524	1560	1581	1594	1602	1615	1627
4,5	1567	1602	1622	1634	1642	1655	1666
5,0	1604	1638	1658	1669	1677	1690	1700
5,5	1637	1670	1690	1700	1708	1721	1730
6,0	1667	1699	1718	1728	1735	1748	1757
6,5	1694	1725	1743	1753	1760	1773	1782
7,0	1718	1748	1766	1776	1783	1795	1804
7,5	1741	1770	1788	1797	1804	1815	1824
8,0	1762	1791	1808	1817	1823	1834	1842
9	1797	1827	1842	1851	1857	1867	1876
10	1829	1858	1873	1881	1887	1897	1905
11	1858	1886	1900	1908	1913	1923	1931
12	1884	1911	1924	1932	1937	1946	1954
13	1907	1933	1945	1953	1958	1967	1975
14	1928	1953	1964	1972	1977	1986	1994
15	1946	1970	1981	1989	1995	2003	2011
16	1962	1986	1997	2005	2011	2019	2027
17	1977	2001	2012	2020	2026	2034	2042
18	1992	2015	2026	2034	2040	2048	2056
19	2006	2029	2040	2047	2053	2061	2068
20	2019	2042	2053	2060	2065	2073	2080
Λ_H	1,557	0,826	0,530	0,384	0,287	0,1378	0,026
V_H	1139	922	784	687	611	444	199
B	3,367	2,217	1,592	1,231	0,971	0,513	0,104
$\Lambda_0 \backslash p_m$	400	450	500	550	600	700	800

$\Delta = 0,09$

$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$

$\Delta_{\partial} \backslash P_m$	400	450	500	550	600	700	800	900
1,0			1005	1037	1057	1085	1107	1126
1,5		1129	1180	1205	1221	1244	1262	1278
2,0		1255	1299	1322	1335	1354	1370	1384
2,5		1349	1386	1407	1419	1437	1452	1465
3,0	1347	1422	1456	1475	1486	1504	1518	1529
3,5	1412	1482	1514	1531	1542	1559	1572	1582
4,0	1466	1532	1563	1579	1590	1606	1618	1628
4,5	1512	1575	1605	1621	1631	1646	1658	1668
5,0	1552	1612	1641	1657	1666	1681	1693	1702
5,5	1588	1645	1673	1688	1697	1712	1723	1732
6,0	1620	1674	1702	1716	1725	1739	1750	1759
6,5	1649	1700	1728	1742	1750	1764	1775	1784
7,0	1675	1724	1751	1765	1773	1786	1797	1806
7,5	1698	1747	1773	1786	1794	1807	1817	1826
8,0	1719	1768	1793	1806	1814	1827	1837	1845
9	1756	1804	1828	1841	1849	1861	1871	1879
10	1790	1836	1859	1872	1880	1891	1900	1908
11	1820	1864	1886	1899	1907	1917	1926	1934
12	1847	1889	1910	1923	1931	1941	1949	1957
13	1871	1911	1932	1944	1952	1962	1970	1978
14	1892	1931	1952	1964	1971	1981	1989	1997
15	1911	1950	1970	1982	1988	1998	2006	2014
16	1929	1967	1987	1998	2004	2014	2022	2030
17	1946	1983	2003	2013	2019	2029	2037	2045
18	1961	1998	2017	2027	2033	2043	2051	2058
19	1975	2012	2030	2040	2046	2056	2064	2071
20	1988	2025	2043	2052	2059	2068	2075	2082
$\Delta_{\text{к}}$	2,850	1,288	0,782	0,564	0,429	0,260	0,137	0,036
$v_{\text{к}}$	1324	1063	902	796	718	582	435	227
B	4,000	2,580	1,850	1,447	1,173	0,772	0,435	0,122
$\Delta_{\partial} \backslash P_m$	400	450	500	550	600	700	800	900

$$v_{\theta} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$$\Delta = 0,10$$

Λ_{θ} \ / \ ρ_m	400	450	500	550	600	700	800	900	1000
1,0				1001	1033	1065	1090	1110	1127
1,5			1139	1177	1201	1227	1248	1265	1279
2,0		1202	1263	1299	1320	1341	1358	1373	1386
2,5		1301	1354	1387	1406	1425	1442	1456	1468
3,0		1379	1428	1456	1474	1493	1508	1521	1532
3,5		1442	1488	1514	1531	1549	1563	1575	1585
4,0		1495	1539	1563	1579	1596	1609	1621	1630
4,5		1540	1582	1605	1620	1636	1649	1660	1669
5,0		1579	1619	1642	1656	1671	1684	1695	1704
5,5	1521	1613	1652	1674	1687	1702	1715	1726	1735
6,0	1555	1644	1681	1702	1715	1730	1743	1754	1762
6,5	1585	1673	1707	1728	1740	1755	1768	1778	1786
7,0	1612	1699	1731	1751	1763	1778	1790	1800	1808
7,5	1637	1722	1753	1773	1785	1800	1811	1820	1828
8,0	1660	1743	1774	1794	1806	1820	1831	1840	1847
9	1700	1778	1809	1828	1841	1854	1865	1874	1880
10	1736	1811	1841	1859	1871	1884	1894	1903	1909
11	1768	1841	1870	1887	1898	1910	1920	1928	1935
12	1796	1867	1895	1911	1922	1933	1943	1951	1958
13	1821	1890	1917	1932	1943	1954	1964	1972	1979
14	1844	1910	1937	1952	1962	1973	1983	1991	1998
15	1865	1929	1955	1970	1980	1991	2000	2008	2015
16	1883	1946	1972	1987	1997	2007	2016	2024	2031
17	1900	1962	1988	2003	2012	2023	2031	2039	2045
18	1916	1977	2003	2018	2026	2036	2045	2052	2058
19	1931	1991	2016	2031	2039	2049	2058	2065	2071
20	1946	2005	2029	2044	2052	2062	2070	2077	2083
A_{κ}	5,111	1,907	1,126	0,783	0,593	0,380	0,246	0,124	0,046
v_{κ}	1489	1183	1012	894	807	679	564	432	253
B	4,600	2,900	2,125	1,657	1,350	0,955	0,660	0,390	0,138
Λ_{θ} \ / \ ρ_m	400	450	500	550	600	700	800	900	1000

$\Delta = 0,11$

$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$

$\Delta_{\partial} \backslash P_m$	400	450	500	550	600	700	800	900	1000	1100
1,0	911	960	1009	1058	998	1041	1069	1091	1111	1130
1,5	921	970	1019	1144	1175	1209	1232	1251	1267	1282
2,0	931	980	1218	1270	1297	1326	1345	1362	1376	1388
2,5	941	990	1313	1359	1383	1411	1429	1445	1458	1469
3,0	951	1331	1390	1431	1454	1480	1497	1512	1524	1534
3,5	961	1396	1450	1491	1512	1537	1553	1567	1578	1588
4,0	971	1451	1508	1541	1561	1585	1600	1613	1624	1634
4,5	981	1498	1554	1584	1603	1626	1640	1652	1663	1673
5,0	991	1539	1593	1622	1640	1662	1675	1687	1697	1707
5,5	1001	1576	1627	1655	1672	1693	1706	1718	1728	1737
6,0	1011	1609	1656	1684	1701	1721	1734	1746	1756	1764
6,5	1021	1638	1682	1710	1727	1746	1759	1771	1781	1789
7,0	1031	1665	1707	1734	1751	1769	1782	1793	1803	1811
7,5	1041	1689	1730	1756	1773	1791	1803	1814	1823	1831
8,0	1051	1711	1751	1777	1793	1811	1823	1833	1842	1849
9	1638	1749	1788	1813	1828	1846	1857	1867	1876	1883
10	1676	1782	1820	1844	1859	1876	1887	1897	1905	1912
11	1709	1812	1848	1872	1886	1903	1914	1923	1931	1938
12	1738	1838	1873	1897	1910	1927	1938	1946	1954	1961
13	1764	1862	1896	1919	1932	1949	1959	1967	1974	1981
14	1788	1884	1917	1939	1952	1968	1978	1986	1993	2000
15	1810	1904	1936	1958	1970	1986	1995	2003	2010	2017
16	1830	1922	1954	1975	1987	2002	2011	2019	2026	2032
17	1849	1939	1971	1991	2002	2017	2026	2034	2040	2046
18	1867	1954	1986	2005	2016	2031	2040	2048	2054	2060
19	1883	1968	2000	2019	2030	2044	2053	2061	2067	2073
20	1892	1981	2013	2032	2043	2057	2066	2073	2079	2085
Δ_K	8,893	2,732	1,588	1,045	0,785	0,510	0,353	0,235	0,136	0,054
v_K	1629	1291	1115	985	890	759	656	550	425	268
B	5,100	3,200	2,400	1,858	1,524	1,109	0,826	0,580	0,353	0,143
$\Delta_{\partial} \backslash P_m$	400	450	500	550	600	700	800	900	1000	1100

$$v_{\theta} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$$\Delta = 0,12$$

$\Lambda_{\theta} \backslash p_m$	400	450	500	550	600	700	800	900	1000	1100	1200
1,0						1018	1050	1074	1095	1114	1131
1,5				1105	1145	1193	1217	1237	1255	1271	1286
2,0				1234	1270	1311	1333	1350	1365	1379	1391
2,5			1273	1328	1361	1398	1417	1434	1447	1460	1471
3,0			1353	1404	1435	1469	1486	1502	1514	1526	1536
3,5			1419	1466	1495	1527	1543	1558	1570	1581	1590
4,0			1473	1517	1545	1575	1591	1605	1617	1627	1636
4,5		1443	1520	1561	1587	1616	1632	1645	1657	1667	1676
5,0		1487	1561	1600	1624	1652	1667	1680	1692	1702	1710
5,5		1526	1597	1634	1657	1683	1698	1711	1722	1732	1740
6,0		1560	1628	1663	1686	1711	1726	1739	1749	1759	1767
6,5		1590	1655	1689	1712	1737	1752	1764	1774	1783	1791
7,0		1617	1680	1714	1736	1761	1775	1787	1797	1805	1813
7,5		1642	1704	1737	1759	1783	1796	1808	1817	1825	1833
8,0		1666	1726	1759	1780	1804	1816	1827	1836	1844	1851
9		1708	1764	1795	1815	1839	1851	1861	1870	1878	1885
10		1743	1798	1828	1847	1869	1881	1891	1899	1907	1914
11		1773	1828	1857	1875	1896	1908	1918	1925	1933	1940
12		1800	1854	1882	1899	1920	1932	1942	1949	1956	1963
13		1825	1877	1904	1921	1942	1954	1963	1970	1977	1983
14		1848	1898	1924	1941	1961	1973	1982	1989	1996	2002
15		1869	1917	1943	1959	1979	1990	1999	2006	2013	2019
16	1768	1888	1935	1960	1976	1995	2006	2015	2022	2028	2034
17	1787	1906	1952	1976	1992	2011	2021	2029	2036	2042	2048
18	1805	1922	1967	1991	2007	2026	2035	2043	2050	2056	2061
19	1822	1937	1981	2005	2020	2039	2048	2056	2063	2069	2074
20	1839	1951	1995	2018	2033	2051	2060	2068	2075	2081	2086
Λ_{π}	15,17	4,145	2,158	1,383	1,012	0,637	0,458	0,331	0,227	0,139	0,063
v_{π}	1750	1410	1208	1069	967	822	725	635	538	429	290
B	5,545	3,600	2,643	2,067	1,689	1,224	0,952	0,729	0,525	0,336	0,159
$\Lambda_{\theta} \backslash p_m$	400	450	500	550	600	700	800	900	1000	1100	1200

$\Delta = 0,13$

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$\Lambda_{\partial} \backslash p_m$	450	500	550	600	700	800	900	1000	1100	1200	1300	1400
1,0					990	1029	1056	1078	1097	1115	1132	1147
1,5				1117	1171	1202	1224	1242	1258	1273	1287	1299
2,0			1194	1243	1293	1319	1338	1353	1367	1381	1393	1404
2,5			1293	1337	1382	1405	1423	1438	1451	1463	1473	1484
3,0		1315	1371	1411	1452	1475	1492	1506	1518	1529	1538	1548
3,5		1381	1436	1473	1511	1532	1548	1562	1573	1584	1592	1601
4,0		1439	1491	1525	1560	1580	1595	1608	1619	1630	1638	1646
4,5		1486	1538	1569	1602	1622	1636	1648	1659	1669	1677	1685
5,0		1528	1578	1607	1639	1658	1672	1684	1694	1703	1711	1719
5,5		1565	1612	1640	1671	1689	1703	1715	1725	1734	1741	1749
6,0		1598	1642	1670	1700	1717	1731	1742	1753	1761	1768	1775
6,5	1537	1628	1669	1697	1726	1742	1756	1767	1777	1785	1792	1799
7,0	1567	1655	1694	1721	1750	1766	1779	1790	1799	1807	1814	1821
7,5	1594	1680	1718	1744	1772	1788	1800	1811	1820	1827	1834	1840
8,0	1618	1702	1740	1765	1793	1808	1820	1830	1839	1846	1852	1858
9	1660	1740	1776	1802	1828	1843	1855	1865	1873	1880	1886	1892
10	1698	1774	1809	1834	1859	1874	1885	1894	1902	1909	1915	1921
11	1731	1804	1838	1862	1887	1902	1912	1920	1928	1935	1941	1947
12	1760	1831	1864	1887	1911	1926	1936	1944	1951	1958	1964	1970
13	1786	1855	1887	1909	1933	1947	1957	1965	1972	1978	1984	1990
14	1810	1877	1908	1930	1953	1966	1976	1984	1991	1997	2003	2008
15	1831	1897	1927	1949	1971	1984	1993	2001	2008	2014	2020	2025
16	1850	1915	1945	1966	1987	2000	2009	2017	2024	2030	2036	2040
17	1868	1932	1962	1982	2002	2015	2024	2032	2038	2044	2050	2054
18	1885	1948	1977	1997	2017	2029	2038	2046	2052	2058	2063	2067
19	1902	1962	1991	2011	2031	2043	2052	2059	2065	2071	2076	2080
20	1917	1975	2004	2024	2044	2056	2065	2072	2078	2083	2088	2092
Λ_{κ}	6,131	2,856	1,786	1,282	0,800	0,569	0,428	0,315	0,221	0,141	0,072	0,011
v_{κ}	1515	1290	1145	1041	888	785	701	617	530	431	310	80
B	3,950	2,867	2,255	1,864	1,359	1,062	0,850	0,658	0,484	0,323	0,172	0,027
$\Lambda_{\partial} \backslash p_m$	450	500	550	600	700	800	900	1000	1100	1200	1300	1400

$$v_0 = v_{табл} \sqrt{\frac{\rho}{\rho_0}}$$

$$\Delta = 0,14$$

ρ_m Δ_0	450	500	550	600	700	800	900
1,0	1811	2111	2311	2501	273	1006	1037
1,5	1881	2211	2411	2611	1157	1185	1209
2,0	1951	2311	2511	1205	1281	1305	1325
2,5	2021	2411	1253	1305	1371	1392	1410
3,0	2091	2511	1333	1383	1443	1463	1479
3,5	2161	2611	1399	1446	1502	1522	1537
4,0	2231	1392	1454	1498	1552	1571	1586
4,5	2301	1441	1502	1543	1595	1613	1628
5,0	2371	1484	1544	1583	1632	1650	1664
5,5	2441	1523	1581	1618	1665	1682	1695
6,0	2511	1558	1613	1648	1694	1710	1723
6,5	2581	1589	1642	1675	1720	1735	1748
7,0	2651	1616	1668	1700	1743	1758	1771
7,5	2721	1641	1692	1723	1765	1780	1793
8,0	2791	1664	1714	1745	1785	1800	1813
9		1705	1751	1782	1821	1835	1849
10	1646	1741	1785	1815	1852	1867	1879
11	1680	1772	1815	1844	1880	1894	1906
12	1710	1800	1841	1869	1905	1919	1930
13	1737	1825	1865	1892	1927	1941	1951
14	1762	1848	1886	1913	1947	1961	1970
15	1785	1868	1906	1932	1966	1979	1988
16	1806	1887	1925	1950	1983	1995	2004
17	1825	1905	1942	1966	1999	2010	2019
18	1842	1921	1958	1981	2013	2024	2033
19	1858	1936	1973	1995	2026	2037	2046
20	1873	1950	1987	2009	2039	2050	2059
Δ_K	9,330	3,815	2,358	1,629	0,976	0,692	0,529
v_K	1615	1375	1223	1112	948	841	760
B	4,313	3,117	2,480	2,043	1,485	1,168	0,954

10707-6

Учебный фонд
Фундам. библиотек

Старый Учебный Поселок
Архив

$\Delta = 0,14$

$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$

$\rho_m \backslash \Delta_{\partial}$	900	1000	1100	1200	1300	1400	1500
1,0	1037	1062	1083	1102	1119	1134	1148
1,5	1209	1229	1247	1263	1277	1289	1300
2,0	1325	1342	1357	1371	1384	1395	1406
2,5	1410	1426	1440	1453	1465	1476	1487
3,0	1479	1495	1508	1520	1531	1542	1552
3,5	1537	1552	1564	1575	1586	1596	1605
4,0	1586	1600	1611	1622	1632	1641	1649
4,5	1628	1641	1652	1662	1671	1679	1687
5,0	1664	1676	1687	1697	1705	1713	1721
5,5	1695	1707	1718	1728	1736	1744	1751
6,0	1723	1735	1746	1756	1764	1771	1777
6,5	1748	1760	1771	1780	1788	1795	1801
7,0	1771	1783	1793	1802	1809	1816	1822
7,5	1793	1804	1814	1822	1829	1836	1842
8,0	1813	1824	1833	1841	1848	1854	1860
9	1849	1858	1867	1875	1882	1888	1894
10	1879	1888	1897	1904	1911	1917	1923
11	1906	1915	1923	1930	1937	1943	1949
12	1930	1939	1947	1954	1960	1966	1972
13	1951	1960	1968	1975	1981	1987	1993
14	1970	1979	1987	1994	2000	2006	2011
15	1988	1996	2004	2011	2017	2023	2027
16	2004	2012	2020	2027	2033	2038	2042
17	2019	2027	2034	2041	2047	2052	2056
18	2033	2041	2048	2054	2060	2065	2069
19	2046	2054	2061	2067	2073	2078	2082
20	2059	2067	2074	2080	2085	2090	2094
Λ_{K}	0,529	0,405	0,303	0,216	0,142	0,079	0,024
v_{K}	760	684	606	524	433	326	156
B	0,954	0,775	0,609	0,455	0,312	0,180	0,057
$\Delta_{\partial} \backslash \rho_m$	900	1000	1100	1200	1300	1400	1500

$$v_{\theta} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$$\Delta = 0,15$$

Λ_{θ} / P_m	450	500	550	600	700	800	900	1000
1,0						981	1018	1046
1,5					1113	1164	1194	1216
2,0					1244	1289	1313	1331
2,5				1269	1340	1378	1400	1416
3,0				1349	1414	1450	1471	1487
3,5			1357	1415	1476	1510	1529	1544
4,0			1414	1470	1528	1560	1578	1592
4,5			1464	1517	1572	1602	1620	1633
5,0			1508	1558	1610	1639	1656	1669
5,5		1479	1547	1593	1644	1672	1688	1700
6,0		1515	1581	1624	1674	1701	1716	1728
6,5		1547	1611	1652	1701	1727	1741	1753
7,0		1575	1638	1678	1726	1751	1764	1776
7,5		1600	1663	1702	1748	1772	1786	1798
8,0		1623	1686	1725	1768	1792	1806	1818
9		1666	1726	1764	1804	1838	1842	1853
10		1704	1762	1798	1836	1860	1873	1884
11		1738	1793	1827	1864	1888	1901	1911
12		1767	1820	1853	1889	1912	1925	1934
13		1793	1844	1877	1912	1934	1946	1955
14		1816	1866	1898	1933	1954	1965	1974
15	1731	1837	1886	1917	1952	1972	1983	1992
16	1753	1857	1904	1935	1969	1988	1999	2008
17	1774	1875	1921	1951	1985	2003	2014	2023
18	1793	1891	1936	1966	1999	2017	2028	2037
19	1810	1906	1950	1980	2012	2031	2041	2050
20	1826	1921	1964	1993	2025	2044	2054	2063
$\Lambda_{\text{т}}$	14,63	5,231	3,065	2,059	1,196	0,825	0,626	0,493
$v_{\text{т}}$	1715	1460	1301	1181	1010	892	808	737
B	4,694	3,400	2,700	2,221	1,630	1,260	1,044	0,865
Λ_{θ} / P_m	450	500	550	600	700	800	900	1000

$\Delta = 0,15$

$$v_d = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$\Delta_\theta \backslash \rho_m$	1000	1100	1200	1300	1400	1500	1600
1,0	1046	1068	1087	1104	1120	1135	1149
1,5	1216	1234	1250	1264	1278	1290	1301
2,0	1331	1347	1361	1375	1388	1399	1409
2,5	1416	1430	1444	1457	1469	1480	1490
3,0	1487	1499	1512	1523	1534	1544	1554
3,5	1544	1556	1568	1578	1588	1597	1606
4,0	1592	1604	1615	1624	1634	1642	1650
4,5	1633	1645	1655	1664	1673	1681	1689
5,0	1669	1680	1690	1699	1707	1715	1723
5,5	1700	1711	1721	1730	1738	1745	1753
6,0	1728	1739	1749	1757	1765	1772	1779
6,5	1753	1764	1774	1782	1789	1796	1803
7,0	1776	1787	1796	1804	1811	1818	1824
7,5	1798	1808	1817	1824	1831	1837	1843
8,0	1818	1828	1836	1843	1849	1855	1861
9	1853	1863	1870	1877	1883	1889	1895
10	1884	1893	1900	1906	1913	1919	1925
11	1911	1919	1926	1932	1939	1945	1951
12	1934	1942	1949	1955	1962	1968	1974
13	1955	1963	1970	1976	1983	1989	1994
14	1974	1982	1989	1995	2002	2007	2012
15	1992	1999	2006	2012	2019	2024	2029
16	2008	2015	2022	2028	2034	2039	2044
17	2022	2030	2037	2043	2048	2053	2058
18	2037	2044	2051	2056	2061	2066	2071
19	2050	2057	2064	2069	2074	2079	2084
20	2063	2070	2076	2081	2086	2091	2096
Λ_K	0,493	0,384	0,292	0,214	0,147	0,088	0,036
v_K	737	668	596	520	438	342	214
B	0,865	0,707	0,567	0,440	0,317	0,197	0,080
$\Delta_\theta \backslash \rho_m$	1000	1100	1200	1300	1400	1500	1600

$$v_{\theta} = v_{\text{табл}} \sqrt{\frac{z}{\varphi q}}$$

$$\Delta = 0,16$$

Λ_{θ} \ / \ P_m	500	550	600	700	800	900	1000	1100
1,0					954	996	1028	1053
1,5				1085	1144	1178	1202	1222
2,0				1219	1271	1300	1320	1337
2,5				1316	1362	1388	1407	1422
3,0			1316	1394	1436	1459	1476	1491
3,5			1383	1457	1497	1519	1535	1549
4,0		1380	1440	1510	1547	1569	1585	1598
4,5		1430	1489	1555	1590	1611	1627	1640
5,0		1474	1531	1594	1628	1648	1663	1676
5,5		1513	1568	1628	1661	1680	1694	1707
6,0		1549	1601	1659	1690	1709	1722	1734
6,5		1581	1630	1687	1716	1734	1747	1758
7,0		1609	1656	1712	1740	1757	1770	1781
7,5	1567	1634	1680	1735	1762	1779	1791	1802
8,0	1590	1657	1703	1755	1783	1799	1811	1822
9	1632	1698	1742	1793	1819	1835	1847	1857
10	1670	1734	1777	1825	1851	1867	1879	1888
11	1704	1766	1807	1853	1879	1895	1906	1915
12	1734	1794	1833	1878	1904	1919	1930	1939
13	1761	1819	1857	1901	1926	1941	1952	1960
14	1786	1842	1879	1922	1946	1961	1971	1979
15	1808	1864	1899	1931	1964	1978	1988	1996
16	1829	1883	1917	1959	1981	1994	2004	2012
17	1848	1901	1934	1974	1997	2010	2019	2027
18	1866	1917	1949	1990	2012	2024	2033	2041
19	1882	1932	1964	2004	2025	2037	2046	2054
20	1897	1946	1978	2017	2038	2049	2058	2066
Λ_{κ}	7,115	3,860	2,566	1,427	0,973	0,734	0,583	0,466
v_{κ}	1537	1366	1243	1063	942	855	784	718
B	3,657	2,889	2,392	1,750	1,371	1,129	0,952	0,802
Λ_{θ} \ / \ P_m	500	550	600	700	800	900	1000	1100

Т. Б. Р.

$\Delta = 0,16$

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$\Delta_{\partial} \backslash p_m$	1100	1200	1300	1400	1500	1600	1800
1,0	1053	1073	1091	1107	1122	1136	1162
1,5	1222	1239	1254	1268	1281	1293	1313
2,0	1337	1352	1366	1378	1389	1400	1419
2,5	1422	1436	1449	1460	1470	1480	1499
3,0	1491	1504	1516	1527	1537	1545	1562
3,5	1549	1561	1572	1583	1592	1599	1614
4,0	1598	1610	1620	1630	1638	1645	1658
4,5	1640	1651	1661	1670	1677	1684	1696
5,0	1676	1686	1696	1704	1711	1718	1730
5,5	1707	1717	1726	1734	1741	1748	1760
6,0	1734	1744	1753	1761	1768	1775	1786
6,5	1758	1768	1777	1785	1792	1799	1809
7,0	1781	1790	1799	1807	1814	1820	1830
7,5	1802	1811	1820	1828	1834	1840	1850
8,0	1822	1831	1840	1847	1853	1859	1869
9	1857	1866	1874	1881	1887	1893	1903
10	1888	1896	1903	1910	1916	1922	1932
11	1915	1922	1929	1936	1942	1948	1957
12	1939	1946	1952	1959	1965	1970	1979
13	1960	1967	1973	1979	1985	1990	1999
14	1979	1986	1992	1998	2004	2009	2017
15	1996	2003	2009	2015	2021	2026	2034
16	2012	2019	2025	2031	2037	2041	2049
17	2027	2034	2040	2046	2051	2055	2063
18	2041	2048	2054	2059	2064	2068	2076
19	2054	2061	2067	2072	2077	2081	2089
20	2066	2073	2079	2084	2089	2093	2101
Λ_{K}	0,466	0,369	0,286	0,214	0,151	0,095	0,004
v_{K}	718	654	589	520	445	359	27
B	0,802	0,665	0,538	0,420	0,309	0,204	0,009
$\Delta_j \backslash p_m$	1100	1200	1300	1400	1500	1600	1800

$$v_{\theta} = v_{\text{набл}} \sqrt{\frac{\omega}{\varphi q}}$$

$$\Delta = 0,17$$

Λ_{θ} / p_m	500	550	600	700	800	900	1000	1100
1,0						974	1010	1037
1,5					1118	1161	1189	1209
2,0				1188	1250	1286	1309	1327
2,5				1291	1344	1377	1398	1414
3,0				1370	1420	1449	1469	1484
3,5			1348	1435	1481	1508	1527	1541
4,0			1405	1490	1532	1558	1576	1589
4,5			1454	1536	1576	1601	1619	1631
5,0		1439	1498	1575	1614	1639	1656	1668
5,5		1477	1537	1610	1648	1672	1688	1700
6,0		1512	1572	1641	1678	1701	1716	1728
6,5		1544	1603	1669	1705	1727	1741	1753
7,0		1573	1631	1694	1729	1750	1764	1775
7,5		1599	1656	1717	1751	1772	1786	1796
8,0		1623	1679	1739	1772	1793	1806	1816
9		1666	1719	1777	1809	1829	1842	1851
10	1620	1703	1755	1811	1841	1860	1873	1882
11	1655	1736	1787	1840	1869	1887	1900	1909
12	1687	1765	1815	1866	1894	1912	1924	1933
13	1715	1791	1839	1889	1916	1934	1946	1955
14	1740	1814	1861	1910	1936	1953	1965	1974
15	1763	1836	1881	1929	1954	1971	1982	1991
16	1784	1856	1899	1946	1971	1987	1998	2007
17	1804	1874	1916	1962	1987	2003	2013	2022
18	1823	1891	1932	1977	2002	2018	2028	2036
19	1841	1907	1947	1991	2016	2032	2042	2049
20	1857	1921	1961	2004	2029	2045	2055	2062
Λ_{κ}	9,949	4,984	3,170	1,729	1,149	0,852	0,673	0,548
v_{κ}	1616	1437	1305	1120	992	901	829	766
B	3,940	3,113	2,564	1,895	1,481	1,216	1,030	0,835
Λ_{θ} / p_m	500	550	600	700	800	900	1000	1100

$\Delta = 0,17$

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$\Lambda_{\partial} \backslash p_m$	1100	1200	1300	1400	1500	1600	1800
1,0	1037	1058	1077	1094	1110	1125	1151
1,5	1209	1226	1242	1257	1270	1282	1304
2,0	1327	1343	1356	1368	1380	1391	1411
2,5	1414	1429	1441	1452	1463	1472	1491
3,0	1484	1498	1509	1519	1529	1537	1555
3,5	1541	1554	1565	1575	1584	1592	1608
4,0	1589	1601	1612	1621	1630	1638	1653
4,5	1631	1642	1652	1661	1669	1677	1692
5,0	1668	1678	1688	1696	1704	1711	1726
5,5	1700	1710	1719	1727	1735	1742	1756
6,0	1728	1738	1747	1755	1762	1769	1782
6,5	1753	1763	1772	1779	1786	1793	1806
7,0	1775	1785	1794	1801	1808	1815	1827
7,5	1796	1806	1815	1822	1829	1836	1847
8,0	1816	1825	1834	1841	1848	1855	1866
9	1851	1860	1868	1875	1881	1888	1899
10	1882	1890	1897	1904	1910	1917	1928
11	1909	1916	1923	1930	1936	1943	1953
12	1933	1940	1947	1953	1959	1966	1975
13	1955	1962	1968	1974	1980	1986	1995
14	1974	1981	1987	1993	1999	2005	2014
15	1991	1998	2004	2010	2016	2022	2031
16	2007	2014	2020	2026	2032	2038	2047
17	2022	2029	2035	2041	2047	2053	2061
18	2036	2043	2049	2055	2061	2066	2074
19	2049	2056	2062	2068	2074	2079	2087
20	2062	2068	2074	2080	2086	2091	2099
Λ_R	0,548	0,446	0,358	0,281	0,214	0,156	0,057
v_R	766	706	646	585	520	450	284
B	0,885	0,754	0,631	0,516	0,409	0,308	0,123
$\Lambda_{\partial} \backslash p_m$	1100	1200	1300	1400	1500	1600	1800

$$v_0 = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$$\Delta = 0,18$$

ρ_m	550	600	700	800	900	1000	1100	1200
1,0					951	991	1021	1043
1,5				1092	1142	1174	1197	1215
2,0				1228	1270	1297	1317	1333
2,5			1261	1325	1361	1386	1404	1418
3,0			1345	1401	1434	1458	1475	1487
3,5			1412	1464	1495	1517	1533	1545
4,0		1370	1467	1517	1547	1567	1582	1594
4,5		1419	1514	1562	1591	1610	1624	1636
5,0		1464	1555	1601	1629	1647	1661	1672
5,5		1505	1591	1635	1662	1679	1693	1704
6,0		1541	1622	1665	1691	1707	1721	1732
6,5	1505	1574	1650	1692	1717	1733	1746	1757
7,0	1534	1603	1675	1716	1741	1757	1769	1780
7,5	1562	1628	1699	1739	1763	1779	1791	1801
8,0	1588	1650	1722	1761	1784	1800	1812	1821
9	1632	1694	1762	1798	1820	1836	1847	1855
10	1671	1729	1796	1831	1852	1867	1878	1886
11	1705	1760	1826	1860	1880	1894	1905	1913
12	1735	1788	1852	1886	1905	1919	1929	1937
13	1762	1814	1875	1909	1928	1941	1950	1958
14	1786	1837	1896	1929	1948	1960	1969	1977
15	1808	1859	1916	1947	1966	1977	1986	1994
16	1828	1879	1934	1964	1982	1993	2002	2010
17	1847	1897	1951	1980	1997	2008	2017	2025
18	1864	1913	1966	1995	2011	2022	2031	2039
19	1880	1928	1980	2008	2025	2036	2045	2053
20	1896	1942	1993	2021	2038	2049	2058	2066
λ_H	6,424	3,991	2,078	1,339	0,982	0,773	0,629	0,518
v_H	1502	1368	1173	1039	944	870	807	750
B	3,329	2,760	2,035	1,587	1,305	1,109	0,955	0,828

λ_0	550	600	700	800	900	1000	1100	1200
ρ_m								

$\Delta = 0,18$

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$\Delta_{\partial} \backslash p_m$	1200	1300	1400	1500	1600	1800	2000
1,0	1043	1062	1080	1096	1112	1138	1162
1,5	1215	1231	1246	1260	1273	1295	1314
2,0	1333	1347	1360	1372	1384	1404	1421
2,5	1418	1431	1443	1455	1466	1485	1502
3,0	1487	1499	1510	1522	1531	1550	1566
3,5	1545	1556	1567	1578	1586	1603	1618
4,0	1594	1605	1615	1625	1633	1648	1662
4,5	1636	1647	1656	1665	1673	1687	1700
5,0	1672	1683	1692	1700	1708	1721	1734
5,5	1704	1714	1723	1731	1739	1751	1764
6,0	1732	1741	1750	1758	1766	1778	1790
6,5	1757	1766	1775	1783	1790	1802	1813
7,0	1780	1789	1797	1805	1812	1824	1834
7,5	1801	1810	1818	1825	1832	1844	1854
8,0	1821	1829	1837	1844	1851	1863	1873
9	1855	1863	1871	1877	1883	1896	1905
10	1886	1893	1900	1906	1912	1924	1934
11	1913	1920	1926	1932	1938	1949	1959
12	1937	1944	1950	1955	1961	1972	1981
13	1958	1965	1971	1976	1982	1993	2001
14	1977	1984	1990	1995	2001	2012	2020
15	1994	2001	2007	2012	2018	2029	2037
16	2010	2017	2023	2028	2034	2044	2052
17	2025	2032	2038	2043	2049	2058	2066
18	2039	2046	2052	2057	2062	2071	2079
19	2053	2059	2065	2070	2075	2084	2091
20	2066	2072	2077	2082	2087	2096	2103
Λ_R	0,518	0,427	0,348	0,278	0,216	0,111	0,030
v_R	750	695	639	582	522	385	186
B	0,828	0,711	0,602	0,499	0,400	0,225	0,064
$\Delta_{\partial} \backslash p_m$	1200	1300	1400	1500	1600	1800	2000

$$v_0 = v_{\text{таба}} \sqrt{\frac{\omega}{\varphi q}}$$

$$\Delta = 0,19$$

$\Lambda_0 \backslash p_m$	550	600	700	800	900	1000	1100	1200
1,0						968	1003	1029
1,5					1122	1158	1184	1204
2,0				1201	1254	1234	1306	1323
2,5			1231	1301	1348	1376	1395	1410
3,0			1316	1381	1424	1449	1466	1480
3,5			1385	1446	1485	1508	1525	1539
4,0			1443	1499	1535	1558	1575	1589
4,5			1492	1544	1578	1601	1618	1631
5,0		1431	1534	1584	1616	1638	1655	1668
5,5		1472	1571	1619	1650	1671	1687	1700
6,0		1509	1603	1650	1680	1700	1715	1727
6,5		1543	1631	1678	1707	1726	1740	1751
7,0		1573	1657	1703	1732	1750	1763	1774
7,5		1599	1682	1726	1754	1772	1785	1796
8,0		1622	1705	1748	1775	1793	1806	1816
9	1595	1666	1745	1785	1812	1829	1842	1851
10	1635	1703	1780	1818	1844	1860	1873	1882
11	1670	1736	1810	1847	1872	1888	1900	1909
12	1701	1765	1837	1873	1897	1913	1924	1933
13	1729	1791	1861	1896	1919	1935	1946	1954
14	1754	1815	1882	1917	1939	1954	1965	1973
15	1776	1837	1901	1935	1957	1972	1982	1990
16	1796	1857	1919	1952	1974	1989	1998	2006
17	1815	1875	1936	1968	1990	2004	2013	2021
18	1833	1892	1952	1983	2004	2018	2027	2035
19	1850	1907	1967	1997	2017	2032	2041	2049
20	1866	1921	1980	2011	2031	2045	2054	2062
Λ_K	8,378	4,937	2,463	1,582	1,125	0,878	0,715	0,592
v_K	1569	1427	1226	1087	985	906	842	787
B	3,557	2,936	2,165	1,711	1,393	1,184	1,025	0,895
$\Lambda_0 \backslash p_m$	550	600	700	800	900	1000	1100	1200

$\Delta = 0,19$

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$\Lambda_{\partial} \backslash p_m$	1200	1300	1400	1500	1600	1800	2000	2200
1,0	1029	1049	1067	1084	1099	1126	1151	1174
1,5	1204	1221	1236	1250	1263	1286	1306	1324
2,0	1323	1337	1351	1364	1376	1397	1415	1431
2,5	1410	1423	1435	1447	1458	1478	1495	1510
3,0	1480	1493	1503	1513	1523	1542	1558	1573
3,5	1539	1551	1560	1569	1579	1596	1611	1625
4,0	1589	1600	1609	1618	1627	1642	1656	1669
4,5	1631	1642	1651	1660	1668	1682	1695	1707
5,0	1668	1678	1687	1696	1703	1717	1730	1741
5,5	1700	1709	1718	1727	1734	1748	1761	1771
6,0	1727	1736	1745	1754	1761	1775	1787	1797
6,5	1751	1761	1770	1778	1785	1799	1810	1820
7,0	1774	1784	1793	1800	1807	1820	1831	1841
7,5	1796	1805	1814	1821	1828	1840	1851	1861
8,0	1816	1825	1833	1840	1847	1859	1870	1880
9	1851	1859	1867	1874	1880	1892	1903	1912
10	1882	1890	1897	1903	1909	1921	1932	1941
11	1909	1917	1923	1929	1935	1947	1957	1966
12	1933	1940	1946	1952	1958	1970	1979	1988
13	1954	1961	1967	1973	1979	1990	1999	2008
14	1973	1980	1986	1992	1998	2008	2017	2026
15	1990	1997	2003	2009	2015	2025	2034	2042
16	2006	2013	2019	2025	2031	2041	2049	2057
17	2021	2028	2034	2040	2046	2055	2063	2071
18	2035	2042	2048	2054	2060	2068	2076	2084
19	2049	2056	2062	2068	2073	2081	2089	2096
20	2062	2069	2075	2080	2085	2093	2101	2108
Λ_R	0,592	0,495	0,414	0,342	0,277	0,166	0,079	0,009
v_R	787	736	685	633	581	467	330	65
B	0,895	0,782	0,677	0,579	0,487	0,317	0,162	0,020
$\Lambda_{\partial} \backslash p_m$	1200	1300	1400	1500	1600	1800	2000	2200

$$v_{\theta} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$$\Delta = 0,20$$

ρ_m Δ_{θ}	550	600	700	800	900	1000	1100	1200
1,0	1014	1111	1201	1271	1330	1386	1438	1485
1,5	1194	1321	1421	1481	1535	1593	1648	1701
2,0	1381	1531	1631	1691	1747	1806	1863	1919
2,5	1571	1741	1841	1901	1958	2017	2075	2132
3,0	1761	1951	2051	2111	2169	2228	2287	2345
3,5	1951	2161	2261	2321	2379	2438	2497	2555
4,0	2141	2371	2471	2531	2589	2648	2707	2765
4,5	2331	2581	2681	2741	2799	2858	2917	2975
5,0	2521	2791	2891	2951	3009	3068	3127	3185
5,5	2711	3001	3101	3161	3219	3278	3337	3395
6,0	2901	3211	3311	3371	3429	3488	3547	3605
6,5	3091	3421	3521	3581	3639	3698	3757	3815
7,0	3281	3631	3731	3791	3849	3908	3967	4025
7,5	3471	3841	3941	4001	4059	4118	4177	4235
8,0	3661	4051	4151	4211	4269	4328	4387	4445
9	3851	4261	4361	4421	4479	4538	4597	4655
10	4041	4471	4571	4631	4689	4748	4807	4865
11	4231	4661	4761	4821	4879	4938	4997	5055
12	4421	4871	4971	5031	5089	5148	5207	5265
13	4611	5081	5181	5241	5299	5358	5417	5475
14	4801	5291	5391	5451	5509	5568	5627	5685
15	4991	5501	5601	5661	5719	5778	5837	5895
16	5181	5711	5811	5871	5929	5988	6047	6105
17	5371	5941	6041	6101	6159	6218	6277	6335
18	5561	6161	6261	6321	6379	6438	6497	6555
19	5751	6391	6491	6551	6609	6668	6727	6785
20	5941	6621	6721	6781	6839	6898	6957	7015
Δ_{κ}	10,90	6,059	2,897	1,812	1,291	0,993	0,801	0,671
v_{κ}	1632	1482	1271	1129	1024	943	878	823
B	3,771	3,110	2,276	1,812	1,490	1,262	1,092	0,956

$\Delta = 0,20$

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$\Lambda_{\partial} \backslash p_m$	1200	1300	1400	1500	1600	1800	2000	2200
1,0	1014	1037	1055	1072	1088	1115	1141	1163
1,5	1194	1212	1228	1241	1254	1277	1298	1316
2,0	1315	1330	1344	1356	1368	1389	1407	1423
2,5	1403	1417	1429	1440	1451	1470	1487	1502
3,0	1475	1488	1499	1509	1518	1536	1552	1567
3,5	1534	1546	1556	1566	1574	1591	1606	1621
4,0	1582	1594	1604	1613	1621	1637	1652	1666
4,5	1624	1636	1645	1653	1661	1677	1691	1704
5,0	1661	1672	1681	1689	1696	1712	1725	1737
5,5	1693	1703	1712	1719	1727	1742	1755	1766
6,0	1721	1731	1740	1747	1755	1769	1781	1792
6,5	1746	1756	1765	1772	1780	1793	1805	1816
7,0	1769	1779	1788	1795	1802	1815	1827	1838
7,5	1791	1801	1809	1816	1823	1836	1847	1858
8,0	1812	1821	1829	1836	1843	1855	1866	1876
9	1847	1856	1864	1870	1877	1888	1899	1909
10	1878	1886	1893	1900	1906	1917	1928	1937
11	1905	1913	1919	1926	1932	1943	1953	1962
12	1929	1937	1943	1949	1955	1965	1975	1984
13	1951	1958	1964	1970	1976	1985	1995	2004
14	1970	1977	1983	1989	1995	2004	2014	2022
15	1987	1995	2001	2007	2012	2021	2031	2039
16	2003	2011	2017	2023	2028	2037	2046	2054
17	2018	2026	2032	2038	2043	2052	2060	2068
18	2032	2040	2046	2052	2057	2066	2074	2081
19	2045	2053	2059	2065	2070	2079	2087	2094
20	2058	2065	2071	2077	2082	2091	2099	2106
Λ_K	0,671	0,566	0,479	0,404	0,337	0,224	0,133	0,056
v_K	823	773	725	677	630	530	419	284
B	0,956	0,843	0,743	0,650	0,562	0,402	0,253	0,115
$\Lambda_{\partial} \backslash p_m$	1200	1300	1400	1500	1600	1800	2000	2200

$$v_{\theta} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$$\Delta = 0,21$$

Λ_{θ} \ / \ ρ_m	550	600	700	800	900	1000	1100	1200	1300
1,0							11962	11995	12021
1,5					1075	1122	1156	1180	1200
2,0					1214	1255	1282	1303	1320
2,5				1256	1313	1349	1375	1394	1409
3,0				1341	1391	1425	1449	1467	1480
3,5			1326	1409	1455	1486	1509	1526	1538
4,0			1386	1465	1508	1538	1559	1575	1587
4,5			1437	1512	1553	1581	1601	1617	1629
5,0			1482	1553	1592	1619	1638	1654	1666
5,5			1522	1589	1627	1653	1671	1686	1698
6,0			1557	1621	1658	1683	1701	1715	1726
6,5			1588	1649	1686	1710	1727	1740	1751
7,0			1616	1675	1711	1734	1750	1763	1774
7,5			1642	1699	1734	1756	1772	1785	1796
8,0		1559	1665	1721	1755	1777	1793	1805	1816
9		1603	1707	1761	1793	1813	1830	1842	1851
10		1643	1744	1796	1825	1845	1861	1873	1881
11		1678	1775	1826	1853	1873	1888	1900	1908
12		1709	1802	1852	1879	1898	1912	1924	1932
13		1736	1826	1875	1902	1921	1934	1946	1954
14		1761	1849	1896	1923	1941	1954	1965	1973
15	1707	1784	1870	1915	1941	1959	1972	1982	1990
16	1730	1805	1889	1933	1958	1976	1988	1998	2006
17	1751	1824	1906	1950	1974	1991	2003	2013	2021
18	1770	1842	1922	1966	1989	2006	2018	2027	2035
19	1788	1859	1937	1980	2003	2020	2032	2041	2049
20	1805	1874	1951	1993	2016	2033	2045	2054	2062
$\Lambda_{\text{н}}$	14,41	7,631	3,494	2,093	1,474	1,120	0,904	0,751	0,636
$v_{\text{н}}$	1691	1541	1322	1172	1063	980	913	857	808
H	3,986	3,320	2,435	1,915	1,582	1,345	1,169	1,029	0,914
Λ_{θ} \ / \ ρ_m	550	600	700	800	900	1000	1100	1200	1300

$$\Delta = 0,21$$

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$\Delta_{\partial} \backslash p_m$	1300	1400	1500	1600	1800	2000	2200	2400
1,0	1021	1041	1059	1076	1104	1130	1153	1174
1,5	1200	1216	1231	1245	1269	1289	1308	1326
2,0	1320	1334	1347	1359	1381	1399	1416	1432
2,5	1409	1422	1433	1443	1463	1480	1496	1511
3,0	1480	1492	1503	1512	1530	1546	1561	1575
3,5	1538	1549	1560	1569	1586	1601	1615	1628
4,0	1587	1598	1608	1617	1633	1647	1660	1673
4,5	1629	1640	1649	1658	1673	1687	1699	1711
5,0	1666	1676	1685	1693	1708	1721	1733	1744
5,5	1698	1707	1716	1724	1738	1751	1763	1773
6,0	1726	1735	1743	1751	1765	1778	1789	1799
6,5	1751	1760	1768	1775	1789	1802	1813	1822
7,0	1774	1783	1791	1798	1811	1824	1834	1843
7,5	1796	1805	1812	1819	1832	1844	1854	1863
8,0	1816	1825	1832	1839	1852	1863	1873	1882
9	1851	1859	1867	1873	1885	1896	1906	1914
10	1881	1889	1897	1903	1914	1925	1935	1943
11	1908	1916	1923	1929	1940	1951	1960	1968
12	1932	1940	1947	1952	1963	1974	1982	1990
13	1954	1961	1968	1973	1984	1994	2002	2010
14	1973	1980	1987	1992	2002	2012	2020	2028
15	1990	1997	2004	2009	2019	2029	2037	2045
16	2006	2013	2020	2025	2035	2044	2052	2060
17	2021	2028	2035	2040	2049	2058	2066	2074
18	2035	2042	2049	2054	2063	2072	2080	2087
19	2049	2056	2062	2067	2076	2086	2093	2099
20	2062	2069	2075	2079	2088	2097	2105	2111
Λ_R	0,636	0,544	0,466	0,396	0,278	0,183	0,103	0,036
v_R	808	762	717	673	582	486	376	221
B	0,914	0,813	0,720	0,633	0,476	0,333	0,200	0,073
$\Delta_{\partial} \backslash p_m$	1300	1400	1500	1600	1800	2000	2200	2400

$$V_{\theta} = V_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$$\Delta = 0,22$$

ρ_m Δ_{θ}	600	700	800	900	1000	1100	1200	1300	1400
1,0							976	1003	1026
1,5					1103	1139	1166	1187	1205
2,0				1194	1238	1267	1290	1308	1324
2,5			1233	1295	1335	1361	1382	1399	1413
3,0			1318	1374	1411	1436	1455	1472	1484
3,5			1388	1440	1473	1497	1515	1531	1543
4,0			1445	1494	1525	1548	1565	1580	1592
4,5		1414	1494	1540	1570	1592	1609	1622	1634
5,0		1462	1536	1580	1609	1630	1646	1659	1670
5,5		1504	1573	1615	1643	1663	1678	1691	1702
6,0		1541	1606	1646	1673	1693	1707	1720	1730
6,5		1574	1636	1674	1701	1720	1733	1745	1755
7,0		1602	1662	1700	1725	1744	1757	1768	1778
7,5		1626	1686	1724	1749	1766	1779	1799	1799
8,0		1648	1708	1745	1769	1786	1799	1810	1819
9		1691	1748	1782	1806	1822	1835	1846	1855
10	1612	1729	1783	1815	1838	1854	1866	1877	1885
11	1646	1762	1813	1844	1866	1882	1894	1904	1911
12	1677	1791	1840	1870	1892	1907	1919	1928	1935
13	1705	1816	1864	1893	1915	1930	1941	1949	1956
14	1731	1838	1885	1914	1935	1950	1960	1968	1975
15	1754	1858	1904	1933	1953	1968	1978	1986	1993
16	1775	1877	1922	1951	1970	1984	1994	2002	2009
17	1795	1895	1939	1967	1986	1999	2009	2017	2024
18	1814	1912	1955	1982	2000	2013	2023	2031	2038
19	1831	1927	1970	1996	2014	2027	2037	2045	2052
20	1847	1941	1983	2009	2027	2040	2050	2058	2065
Δ_K	9,552	4,126	2,428	1,675	1,263	1,007	0,835	0,710	0,611
V_K	1596	1367	1217	1105	1017	946	888	839	795
B	3,500	2,523	2,020	1,669	1,423	1,241	1,098	0,981	0,879

Т. Б. Р.

$\Delta = 0,22$

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$\Delta_{\partial} \backslash p_m$	1400	1500	1600	1800	2000	2200	2400	2600
1,0	1026	1046	1063	1093	1119	1142	1163	1183
1,5	1205	1221	1235	1260	1281	1300	1318	1335
2,0	1324	1338	1351	1374	1393	1410	1425	1440
2,5	1413	1425	1435	1456	1474	1491	1506	1520
3,0	1484	1495	1504	1522	1540	1555	1569	1583
3,5	1543	1553	1562	1580	1595	1609	1622	1635
4,0	1592	1602	1611	1627	1642	1655	1667	1679
4,5	1634	1644	1653	1668	1682	1694	1706	1717
5,0	1670	1680	1689	1703	1716	1728	1740	1750
5,5	1702	1711	1720	1734	1746	1758	1770	1779
6,0	1730	1739	1747	1761	1773	1785	1796	1805
6,5	1755	1764	1772	1785	1797	1809	1819	1828
7,0	1778	1786	1794	1807	1819	1831	1841	1850
7,5	1799	1807	1815	1828	1840	1851	1861	1870
8,0	1819	1827	1835	1848	1859	1870	1879	1888
9	1855	1862	1869	1881	1892	1903	1912	1920
10	1885	1892	1899	1911	1921	1931	1940	1948
11	1911	1918	1925	1937	1947	1956	1965	1973
12	1935	1942	1948	1960	1970	1979	1987	1995
13	1956	1963	1969	1980	1990	1999	2007	2015
14	1975	1982	1988	1999	2009	2018	2025	2033
15	1993	2000	2006	2016	2026	2035	2042	2049
16	2009	2016	2022	2032	2042	2050	2057	2064
17	2024	2031	2037	2047	2057	2064	2071	2078
18	2038	2045	2051	2061	2070	2077	2084	2091
19	2052	2058	2064	2074	2082	2089	2096	2103
20	2065	2071	2076	2085	2093	2101	2108	2115
Δ_E	0,611	0,528	0,454	0,332	0,233	0,151	0,081	0,021
v_E	795	753	712	627	540	446	334	141
B_0	0,879	0,786	0,701	0,545	0,407	0,280	0,160	0,045
$\Delta_{\partial} \backslash p_m$	1400	1500	1600	1800	2000	2200	2400	2600

Т. Б. Р.

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$$\Delta = 0,23$$

$\Lambda_{\partial} \backslash p_m$	600	700	800	900	1000	1100	1200	1300	1400
1,0							959	989	1013
1,5					1082	1122	1153	1177	1196
2,0				1168	1220	1254	1280	1301	1317
2,5				1273	1318	1350	1374	1393	1407
3,0			1291	1354	1396	1426	1449	1466	1479
3,5			1363	1422	1460	1489	1509	1525	1538
4,0			1421	1477	1513	1541	1559	1574	1587
4,5			1471	1524	1559	1585	1602	1616	1629
5,0		1424	1515	1565	1599	1623	1639	1653	1665
5,5		1466	1553	1601	1634	1656	1672	1686	1697
6,0		1503	1587	1633	1664	1685	1701	1714	1725
6,5		1537	1617	1662	1691	1711	1727	1739	1750
7,0		1568	1644	1688	1716	1735	1751	1762	1773
7,5		1596	1669	1712	1740	1758	1774	1784	1794
8,0		1620	1691	1734	1761	1780	1795	1806	1815
9		1663	1731	1771	1798	1816	1831	1842	1851
10		1701	1766	1804	1830	1848	1862	1873	1882
11		1734	1797	1834	1858	1876	1889	1900	1909
12		1763	1825	1861	1883	1901	1913	1924	1933
13	1675	1789	1850	1885	1906	1923	1935	1946	1954
14	1700	1812	1872	1906	1927	1943	1955	1965	1973
15	1723	1833	1891	1925	1946	1961	1973	1983	1991
16	1745	1853	1909	1943	1963	1978	1990	2000	2007
17	1765	1871	1926	1959	1979	1994	2006	2015	2022
18	1784	1888	1941	1974	1994	2009	2020	2029	2036
19	1802	1904	1956	1988	2008	2023	2034	2043	2050
20	1819	1920	1970	2001	2021	2036	2047	2056	2063
Λ_{κ}	12,08	4,899	2,805	1,903	1,418	1,122	0,926	0,786	0,679
v_{κ}	1649	1416	1259	1143	1053	981	922	872	827
B	3,688	2,717	2,144	1,768	1,504	1,309	1,157	1,034	0,930
$\Lambda_{\partial} \backslash p_m$	600	700	800	900	1000	1100	1200	1300	1400

$\Delta = 0,23$

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$\Delta_{\partial} \backslash p_m$	1400	1500	1600	1800	2000	2200	2400	2600	2800
1,0	1013	1034	1051	1082	1109	1132	1153	1173	1192
1,5	1196	1213	1228	1253	1275	1294	1311	1327	1343
2,0	1317	1331	1344	1367	1386	1403	1419	1433	1447
2,5	1407	1419	1430	1450	1468	1485	1500	1514	1527
3,0	1479	1490	1500	1518	1534	1551	1565	1577	1589
3,5	1538	1549	1558	1575	1590	1606	1618	1630	1641
4,0	1587	1598	1607	1624	1638	1652	1663	1675	1685
4,5	1629	1640	1649	1665	1679	1691	1702	1713	1723
5,0	1665	1676	1685	1700	1714	1725	1736	1746	1756
5,5	1697	1707	1716	1731	1744	1755	1766	1776	1785
6,0	1725	1734	1743	1758	1771	1782	1792	1802	1811
6,5	1750	1759	1767	1782	1795	1806	1816	1825	1834
7,0	1773	1782	1789	1804	1817	1828	1837	1846	1854
7,5	1794	1803	1810	1825	1838	1848	1857	1865	1872
8,0	1815	1824	1831	1845	1857	1867	1875	1882	1889
9	1851	1859	1866	1879	1890	1899	1907	1914	1921
10	1882	1889	1896	1908	1918	1927	1935	1942	1949
11	1909	1916	1922	1934	1943	1952	1960	1967	1974
12	1933	1940	1946	1957	1966	1975	1983	1990	1996
13	1954	1961	1967	1978	1987	1996	2003	2010	2016
14	1973	1980	1986	1997	2006	2014	2021	2028	2034
15	1991	1997	2003	2014	2023	2031	2038	2045	2051
16	2007	2013	2019	2030	2039	2047	2054	2061	2066
17	2022	2028	2034	2045	2054	2062	2069	2075	2080
18	2036	2042	2048	2059	2068	2075	2082	2088	2093
19	2050	2056	2062	2072	2080	2087	2094	2100	2105
20	2063	2069	2075	2084	2092	2099	2106	2112	2117
Λ_K	0,679	0,592	0,516	0,386	0,284	0,198	0,124	0,061	0,009
v_K	827	786	747	667	586	502	410	299	67
B	0,930	0,838	0,755	0,603	0,468	0,348	0,235	0,127	0,022
$\Delta_{\partial} \backslash p_m$	1400	1500	1600	1800	2000	2200	2400	2600	2800

$$v_{\theta} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$$\Delta = 0,24$$

$\Delta_{\theta} \backslash p_m$	600	700	800	900	1000	1100	1200	1300	1400	1500
1,0								973	999	1021
1,5						1106	1140	1165	1185	1202
2,0					1201	1241	1270	1291	1309	1324
2,5				1250	1306	1343	1368	1387	1401	1414
3,0				1336	1384	1419	1443	1461	1474	1486
3,5			1336	1404	1448	1480	1503	1520	1533	1544
4,0			1395	1461	1501	1531	1553	1569	1582	1593
4,5			1447	1509	1547	1575	1595	1611	1624	1635
5,0			1493	1550	1587	1613	1632	1648	1661	1671
5,5			1533	1586	1622	1647	1665	1680	1693	1703
6,0		1472	1568	1619	1654	1678	1695	1709	1721	1731
6,5		1507	1598	1648	1682	1705	1722	1735	1746	1756
7,0		1538	1625	1674	1707	1729	1746	1758	1769	1779
7,5		1566	1650	1698	1730	1751	1768	1780	1791	1800
8,0		1592	1673	1720	1751	1772	1788	1801	1812	1821
9		1637	1714	1759	1788	1809	1825	1837	1847	1855
10		1676	1751	1793	1821	1841	1856	1868	1878	1886
11		1711	1783	1823	1850	1869	1883	1895	1905	1913
12		1741	1811	1850	1876	1894	1908	1919	1929	1937
13		1767	1836	1874	1899	1917	1930	1941	1950	1958
14		1790	1857	1895	1920	1938	1950	1961	1969	1977
15		1811	1876	1914	1939	1957	1969	1979	1987	1995
16	1712	1831	1894	1932	1957	1974	1986	1996	2004	2011
17	1732	1849	1911	1949	1973	1990	2002	2011	2019	2026
18	1751	1867	1928	1965	1988	2004	2016	2025	2033	2040
19	1770	1884	1943	1979	2001	2017	2029	2038	2046	2053
20	1787	1900	1957	1992	2014	2030	2042	2051	2059	2066
Δ_R	15,46	5,869	3,258	2,162	1,597	1,249	1,023	0,866	0,746	0,650
v_R	1702	1463	1302	1182	1088	1013	952	901	856	816
B	3,875	2,880	2,264	1,866	1,584	1,375	1,214	1,088	0,983	0,892
$\Delta_{\theta} \backslash p_m$	600	700	800	900	1000	1100	1200	1300	1400	1500

$\Delta = 0,24$

$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$

$\Lambda_{\partial} \backslash p_m$	1500	1600	1800	2000	2200	2400	2600	2800	3000
1,0	1021	1039	1072	1099	1123	1145	1165	1184	1201
1,5	1202	1217	1244	1267	1287	1305	1321	1336	1351
2,0	1324	1337	1361	1382	1400	1415	1429	1442	1455
2,5	1414	1425	1446	1465	1481	1496	1509	1522	1535
3,0	1486	1496	1515	1532	1546	1560	1572	1584	1597
3,5	1544	1554	1571	1587	1601	1614	1625	1636	1648
4,0	1593	1603	1619	1634	1648	1660	1670	1680	1691
4,5	1635	1644	1660	1675	1688	1699	1709	1718	1729
5,0	1671	1680	1696	1710	1722	1733	1743	1752	1762
5,5	1703	1711	1727	1740	1752	1763	1773	1782	1791
6,0	1731	1739	1754	1767	1779	1790	1799	1808	1817
6,5	1756	1764	1778	1791	1803	1814	1823	1832	1840
7,0	1779	1787	1801	1813	1825	1835	1844	1853	1861
7,5	1800	1808	1822	1834	1845	1855	1864	1873	1881
8,0	1821	1828	1842	1854	1864	1874	1883	1891	1899
9	1855	1862	1876	1887	1897	1906	1914	1922	1930
10	1886	1892	1906	1917	1926	1934	1942	1950	1957
11	1913	1919	1932	1943	1952	1959	1967	1975	1982
12	1937	1943	1955	1966	1974	1982	1990	1997	2004
13	1958	1964	1976	1986	1994	2002	2010	2017	2024
14	1977	1983	1995	2004	2012	2020	2028	2035	2042
15	1995	2001	2012	2021	2029	2037	2045	2052	2058
16	2011	2017	2028	2037	2045	2053	2061	2067	2073
17	2026	2032	2043	2052	2060	2068	2075	2081	2087
18	2040	2046	2057	2066	2074	2081	2088	2094	2100
19	2053	2059	2070	2079	2087	2094	2100	2106	2112
20	2066	2071	2082	2091	2099	2106	2112	2118	2124
Λ_{κ}	0,650	0,572	0,441	0,334	0,244	0,168	0,103	0,047	0
v_{κ}	816	781	706	630	552	470	378	269	0
B	0,892	0,812	0,661	0,527	0,409	0,301	0,198	0,098	0
$\Lambda_{\partial} \backslash p_m$	1500	1600	1800	2000	2200	2400	2600	2800	3000

$$v_{\theta} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$$\Delta = 0,25$$

ρ_m Λ_{θ}	700	800	900	1000	1100	1200	1300	1400	1500
1,0							958	984	1007
1,5					1086	1124	1153	1175	1194
2,0				1180	1224	1257	1282	1300	1316
2,5			1227	1285	1326	1357	1378	1394	1407
3,0			1313	1366	1404	1432	1451	1466	1478
3,5			1383	1432	1467	1493	1511	1526	1537
4,0		1372	1441	1487	1520	1544	1562	1576	1587
4,5		1424	1491	1534	1565	1588	1605	1619	1630
5,0		1469	1534	1575	1604	1626	1642	1656	1666
5,5		1510	1571	1611	1638	1659	1675	1688	1697
6,0		1545	1604	1643	1669	1689	1704	1716	1725
6,5		1576	1634	1671	1697	1716	1730	1742	1751
7,0		1605	1661	1696	1722	1740	1754	1765	1774
7,5	1537	1631	1685	1719	1745	1762	1776	1787	1796
8,0	1564	1656	1707	1741	1766	1783	1797	1808	1817
9	1610	1697	1746	1779	1802	1819	1833	1843	1852
10	1650	1734	1781	1812	1834	1851	1864	1874	1882
11	1685	1767	1812	1842	1862	1879	1891	1901	1909
12	1716	1795	1839	1868	1888	1904	1915	1925	1933
13	1743	1820	1863	1891	1911	1926	1937	1947	1955
14	1767	1842	1884	1912	1932	1946	1957	1967	1974
15	1789	1862	1903	1931	1951	1964	1976	1985	1992
16	1810	1880	1921	1949	1968	1981	1993	2001	2008
17	1829	1897	1938	1965	1983	1997	2008	2016	2023
18	1847	1914	1954	1980	1998	2012	2022	2030	2037
19	1864	1930	1969	1994	2012	2026	2036	2044	2050
20	1880	1945	1982	2007	2025	2039	2049	2057	2063
Λ_K	7,078	3,787	2,452	1,790	1,391	1,128	0,950	0,818	0,715
v_K	1513	1344	1220	1123	1045	982	930	885	845
B	3,031	2,380	1,970	1,671	1,450	1,277	1,141	1,034	0,942
Λ_{θ} ρ_m	700	800	900	1000	1100	1200	1300	1400	1500

$\Delta = 0,25$

$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$

$\Lambda_{\partial} \backslash p_m$	1500	1600	1800	2000	2200	2400	2600	2800	3000
1,0	1007	1025	1060	1089	1114	1135	1155	1174	1192
1,5	1194	1208	1236	1260	1280	1298	1315	1330	1345
2,0	1316	1329	1354	1376	1394	1410	1424	1437	1450
2,5	1407	1419	1440	1459	1475	1490	1504	1517	1530
3,0	1478	1489	1509	1527	1542	1555	1568	1580	1592
3,5	1537	1547	1563	1583	1597	1609	1621	1633	1644
4,0	1587	1596	1615	1631	1644	1656	1667	1678	1688
4,5	1630	1638	1657	1672	1684	1696	1706	1716	1726
5,0	1666	1675	1693	1707	1719	1730	1740	1749	1759
5,5	1697	1707	1724	1737	1749	1760	1770	1779	1788
6,0	1725	1735	1751	1764	1776	1787	1797	1806	1814
6,5	1751	1760	1775	1788	1800	1811	1821	1830	1838
7,0	1774	1782	1797	1810	1822	1832	1842	1851	1859
7,5	1795	1804	1818	1831	1842	1852	1861	1870	1878
8,0	1817	1824	1838	1850	1861	1870	1879	1888	1896
9	1852	1859	1872	1884	1894	1903	1912	1920	1927
10	1882	1889	1902	1914	1923	1932	1941	1948	1955
11	1909	1916	1929	1940	1949	1958	1966	1973	1980
12	1933	1940	1952	1963	1972	1981	1988	1995	2002
13	1955	1961	1973	1983	1992	2001	2008	2015	2022
14	1974	1980	1992	2002	2011	2019	2026	2033	2040
15	1992	1998	2009	2019	2028	2036	2043	2049	2055
16	2008	2014	2025	2035	2043	2051	2058	2064	2071
17	2023	2029	2040	2050	2058	2065	2072	2078	2085
18	2037	2043	2054	2064	2072	2079	2086	2092	2098
19	2050	2056	2067	2077	2085	2092	2099	2105	2111
20	2063	2068	2079	2088	2096	2104	2111	2117	2123
Λ_R	0,715	0,631	0,493	0,382	0,290	0,212	0,145	0,087	0,037
v_R	845	808	737	666	594	520	440	348	225
B	0,942	0,867	0,717	0,585	0,468	0,363	0,264	0,168	0,075
$\Lambda_{\partial} \backslash p_m$	1500	1600	1800	2000	2200	2400	2600	2800	3000

$$v_{\theta} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$$\Delta = 0,26$$

Λ_{θ} \ / \ P_m	700	800	900	1000	1100	1200	1300	1400	1500	1600
1,0	968							968	992	1012
1,5					1106	1137	1162	1182	1199	
2,0				1207	1243	1269	1290	1307	1322	
2,5			1265	1311	1343	1366	1384	1399	1412	
3,0			1292	1348	1390	1420	1442	1458	1472	1483
3,5			1363	1416	1455	1483	1503	1518	1531	1542
4,0			1422	1473	1509	1535	1554	1569	1581	1592
4,5		1389	1473	1521	1554	1579	1598	1612	1624	1634
5,0		1433	1517	1562	1593	1617	1636	1649	1661	1670
5,5		1472	1555	1598	1628	1651	1669	1681	1693	1702
6,0		1507	1588	1630	1659	1681	1698	1710	1721	1730
6,5		1539	1617	1658	1687	1708	1724	1736	1747	1755
7,0		1569	1644	1684	1712	1732	1748	1760	1770	1778
7,5		1597	1669	1708	1735	1755	1770	1782	1792	1800
8,0		1623	1692	1730	1756	1776	1791	1803	1812	1820
9	1582	1667	1733	1769	1793	1812	1827	1838	1847	1855
10	1623	1705	1768	1802	1826	1844	1858	1869	1878	1886
11	1658	1739	1799	1832	1855	1872	1885	1896	1905	1913
12	1689	1769	1827	1858	1881	1897	1910	1920	1929	1938
13	1717	1795	1851	1882	1904	1920	1932	1942	1951	1959
14	1742	1818	1872	1903	1925	1941	1952	1962	1970	1978
15	1765	1838	1891	1922	1944	1960	1971	1980	1988	1996
16	1786	1857	1909	1940	1961	1977	1988	1997	2004	2012
17	1806	1875	1926	1957	1977	1992	2003	2012	2019	2027
18	1825	1892	1942	1973	1992	2006	2017	2026	2033	2040
19	1842	1908	1957	1987	2006	2020	2031	2040	2047	2054
20	1858	1923	1972	2000	2019	2033	2044	2053	2060	2067
Λ_{κ}	8,432	4,421	2,782	2,003	1,546	1,247	1,038	0,890	0,777	0,688
v_{κ}	1557	1385	1256	1157	1078	1013	958	911	870	834
B	3,177	2,517	2,070	1,760	1,528	1,348	1,207	1,094	0,999	0,918
Λ_{θ} \ / \ P_m	700	800	900	1000	1100	1200	1300	1400	1500	1600

$\Delta = 0,26$

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$\Delta_{\partial} \backslash p_m$	1600	1800	2000	2200	2400	2600	2800	3000	3200
1,0	1012	1047	1077	1102	1126	1147	1166	1184	1200
1,5	1199	1229	1253	1274	1292	1308	1323	1336	1352
2,0	1322	1347	1369	1388	1404	1418	1432	1445	1457
2,5	1412	1434	1453	1470	1485	1499	1512	1524	1536
3,0	1483	1503	1522	1538	1551	1564	1576	1588	1598
3,5	1542	1561	1579	1594	1607	1618	1629	1640	1649
4,0	1592	1610	1627	1641	1653	1664	1674	1684	1693
4,5	1634	1652	1668	1681	1692	1703	1713	1722	1731
5,0	1670	1688	1703	1716	1727	1737	1747	1756	1764
5,5	1702	1719	1734	1746	1757	1767	1777	1785	1793
6,0	1730	1747	1761	1773	1784	1794	1803	1811	1819
6,5	1755	1772	1785	1797	1808	1818	1827	1835	1842
7,0	1778	1795	1807	1819	1829	1839	1848	1856	1863
7,5	1800	1816	1828	1839	1850	1859	1867	1875	1883
8,0	1820	1835	1847	1858	1868	1877	1885	1893	1901
9	1855	1869	1881	1891	1901	1910	1917	1925	1933
10	1886	1899	1910	1920	1929	1937	1945	1953	1960
11	1913	1925	1936	1946	1955	1963	1970	1978	1984
12	1938	1948	1959	1969	1978	1985	1993	2000	2006
13	1959	1969	1979	1989	1998	2006	2013	2020	2026
14	1978	1988	1998	2007	2016	2024	2031	2038	2044
15	1996	2006	2016	2024	2033	2041	2048	2054	2060
16	2012	2022	2032	2040	2049	2056	2063	2069	2075
17	2027	2037	2047	2055	2064	2071	2077	2083	2089
18	2040	2051	2061	2069	2077	2084	2090	2096	2102
19	2054	2064	2074	2082	2090	2097	2103	2109	2114
20	2067	2077	2086	2094	2102	2109	2115	2121	2126
Λ_R	0,688	0,546	0,431	0,336	0,256	0,187	0,127	0,074	0,028
v_R	834	767	700	632	563	492	416	324	185
B_0	0,918	0,770	0,640	0,525	0,420	0,324	0,233	0,145	0,059
$\Delta_{\partial} \backslash p_m$	1600	1800	2000	2200	2400	2600	2800	3000	3200

$$v_{\theta} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$$\Delta = 0,27$$

$\Lambda_{\theta} \backslash p_m$	700	800	900	1000	1100	1200	1300	1400	1500	1600
1,0								954	980	1001
1,5						1087	1121	1149	1172	1190
2,0					1188	1228	1258	1281	1300	1315
2,5				1246	1295	1331	1357	1377	1393	1406
3,0				1329	1376	1408	1432	1450	1466	1478
3,5			1341	1400	1442	1471	1493	1510	1526	1537
4,0			1400	1458	1497	1524	1545	1561	1576	1587
4,5			1451	1507	1543	1569	1589	1605	1618	1629
5,0			1496	1549	1583	1608	1627	1643	1655	1666
5,5		1454	1535	1585	1618	1642	1660	1676	1688	1698
6,0		1490	1569	1617	1649	1673	1690	1705	1717	1726
6,5		1524	1599	1646	1677	1700	1717	1731	1742	1751
7,0		1555	1627	1672	1702	1725	1742	1755	1765	1774
7,5		1584	1653	1696	1726	1748	1765	1777	1787	1796
8,0		1612	1677	1719	1748	1770	1786	1798	1808	1817
9		1655	1718	1757	1785	1806	1822	1834	1844	1852
10		1693	1754	1791	1818	1838	1853	1865	1875	1883
11	1634	1726	1786	1821	1847	1866	1881	1893	1902	1910
12	1666	1755	1814	1848	1873	1892	1906	1918	1926	1934
13	1694	1781	1839	1872	1896	1915	1929	1940	1948	1956
14	1719	1805	1860	1893	1917	1935	1949	1960	1968	1975
15	1742	1827	1879	1912	1936	1953	1967	1978	1986	1993
16	1763	1847	1897	1929	1953	1970	1984	1994	2002	2009
17	1782	1866	1914	1945	1969	1986	1999	2009	2017	2024
18	1801	1884	1930	1961	1984	2001	2013	2023	2031	2038
19	1819	1900	1946	1976	1998	2015	2027	2037	2045	2051
20	1836	1915	1961	1990	2012	2028	2040	2050	2058	2064
Λ_R	10,10	5,166	3,168	2,244	1,711	1,374	1,143	0,974	0,847	0,749
v_R	1600	1425	1294	1192	1110	1043	987	939	897	860
B	3,325	2,640	2,175	1,851	1,607	1,418	1,268	1,147	1,047	0,963
$\Lambda_{\theta} \backslash p_m$	700	800	900	1000	1100	1200	1300	1400	1500	1600

$$\Delta = 0,27$$

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$\Lambda_{\partial} \backslash p_m$	1600	1800	2000	2200	2400	2600	2800	3000	3200
1,0	1001	1038	1068	1094	1117	1138	1157	1175	1191
1,5	1190	1220	1245	1267	1286	1302	1317	1332	1346
2,0	1315	1341	1363	1382	1399	1413	1426	1429	1451
2,5	1406	1429	1448	1466	1480	1493	1507	1519	1531
3,0	1478	1499	1517	1534	1547	1559	1572	1583	1594
3,5	1537	1557	1574	1590	1603	1615	1626	1636	1646
4,0	1587	1606	1622	1637	1650	1662	1672	1681	1690
4,5	1629	1647	1663	1677	1690	1701	1711	1720	1728
5,0	1666	1683	1698	1712	1724	1734	1744	1753	1761
5,5	1698	1715	1729	1743	1754	1763	1773	1782	1790
6,0	1726	1743	1757	1770	1781	1790	1799	1808	1816
6,5	1751	1768	1782	1794	1805	1814	1823	1831	1839
7,0	1774	1790	1804	1816	1827	1836	1845	1853	1860
7,5	1796	1812	1825	1837	1847	1856	1865	1873	1880
8,0	1817	1831	1844	1855	1866	1875	1884	1892	1899
9	1852	1866	1878	1889	1899	1908	1916	1923	1931
10	1883	1896	1908	1918	1927	1936	1944	1951	1958
11	1910	1923	1934	1944	1952	1961	1969	1976	1982
12	1934	1947	1958	1967	1975	1984	1991	1998	2004
13	1956	1968	1979	1988	1996	2004	2011	2018	2024
14	1975	1987	1998	2007	2015	2022	2029	2036	2042
15	1993	2005	2015	2024	2032	2039	2046	2052	2058
16	2009	2021	2031	2039	2047	2054	2061	2067	2073
17	2024	2036	2046	2054	2061	2068	2075	2081	2087
18	2038	2050	2060	2068	2075	2081	2088	2094	2100
19	2051	2063	2073	2081	2088	2094	2101	2107	2112
20	2064	2076	2085	2093	2100	2106	2113	2119	2124
Λ_K	0,749	0,598	0,480	0,382	0,299	0,227	0,164	0,109	0,061
v_K	860	796	732	668*	604	539	471	395	303
B	0,963	0,817	0,690	0,577	0,474	0,380	0,292	0,207	0,125
$\Lambda_{\partial} \backslash p_m$	1600	1800	2000	2200	2400	2600	2800	3000	3200

$$v_{\theta} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$$\Delta = 0,28$$

$\Lambda_{\theta} \backslash p_m$	700	800	900	1000	1100	1200	1300	1400	1500	1600	1800
1,0									967	989	1027
1,5							1109	1138	1162	1180	1212
2,0					1172	1214	1247	1272	1292	1307	1334
2,5					1279	1318	1347	1369	1386	1400	1425
3,0				1314	1363	1398	1424	1444	1460	1473	1495
3,5				1385	1430	1462	1486	1505	1520	1532	1554
4,0			1378	1442	1485	1515	1538	1556	1570	1582	1603
4,5			1431	1491	1522	1560	1582	1600	1613	1625	1644
5,0			1476	1534	1573	1600	1621	1638	1650	1662	1680
5,5			1516	1572	1609	1635	1655	1671	1683	1694	1712
6,0			1551	1605	1640	1666	1685	1700	1712	1723	1740
6,5		1499	1582	1634	1668	1693	1712	1726	1738	1748	1765
7,0		1530	1610	1660	1693	1718	1736	1750	1761	1771	1788
7,5		1559	1636	1684	1716	1741	1759	1772	1783	1793	1809
8,0		1588	1661	1707	1739	1763	1780	1793	1804	1813	1829
9		1634	1703	1746	1777	1799	1816	1829	1840	1849	1864
10		1673	1740	1781	1810	1831	1848	1861	1871	1880	1895
11		1707	1772	1812	1840	1860	1876	1889	1899	1907	1922
12		1737	1800	1839	1866	1886	1901	1913	1923	1931	1945
13	1672	1764	1825	1863	1889	1909	1924	1935	1945	1953	1966
14	1697	1788	1847	1884	1910	1930	1944	1955	1964	1972	1985
15	1720	1809	1866	1903	1929	1948	1962	1973	1982	1990	2002
16	1741	1829	1884	1920	1946	1964	1978	1989	1998	2006	2018
17	1761	1848	1902	1937	1962	1980	1994	2004	2013	2021	2033
18	1779	1866	1919	1953	1977	1995	2009	2019	2027	2035	2047
19	1797	1882	1935	1968	1992	2009	2023	2033	2041	2048	2060
20	1814	1897	1950	1983	2006	2023	2036	2046	2054	2061	2073
Λ_{κ}	12,16	6,015	3,611	2,508	1,900	1,510	1,247	1,057	0,916	0,807	0,649
v_{κ}	1644	1464	1328	1225	1144	1076	1017	966	922	884	821
B	3,473	2,769	2,280	1,935	1,683	1,485	1,328	1,200	1,097	1,012	0,865
$\Lambda_{\theta} \backslash p_m$	700	800	900	1000	1100	1200	1300	1400	1500	1600	1800

$\Delta = 0,28$

$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$

$\Lambda_{\partial} \backslash p_m$	1800	2000	2200	2400	2600	2800	3000	3200	3600
1,0	1027	1058	1085	1109	1130	1149	1167	1183	1214
1,5	1212	1238	1260	1279	1296	1311	1326	1339	1365
2,0	1334	1357	1376	1393	1408	1422	1435	1447	1470
2,5	1425	1444	1461	1476	1489	1502	1514	1526	1548
3,0	1495	1513	1529	1543	1555	1567	1579	1590	1610
3,5	1554	1571	1585	1599	1611	1622	1633	1643	1662
4,0	1603	1619	1633	1646	1658	1668	1678	1688	1706
4,5	1644	1660	1674	1686	1697	1707	1717	1726	1743
5,0	1680	1695	1709	1721	1731	1741	1750	1759	1775
5,5	1712	1726	1740	1751	1761	1771	1779	1788	1803
6,0	1740	1754	1767	1778	1788	1797	1805	1814	1828
6,5	1765	1779	1791	1802	1812	1821	1829	1837	1851
7,0	1788	1802	1813	1824	1834	1843	1851	1858	1872
7,5	1809	1823	1834	1844	1854	1863	1871	1878	1892
8,0	1829	1842	1853	1863	1873	1881	1889	1897	1911
9	1864	1876	1887	1897	1906	1914	1921	1929	1942
10	1895	1906	1917	1927	1935	1942	1949	1956	1969
11	1922	1932	1943	1952	1960	1967	1974	1980	1993
12	1945	1955	1965	1974	1982	1989	1996	2002	2015
13	1966	1976	1985	1994	2002	2009	2016	2022	2035
14	1985	1995	2004	2012	2020	2027	2034	2040	2052
15	2002	2012	2021	2029	2036	2043	2050	2056	2068
16	2018	2028	2037	2045	2052	2058	2065	2071	2083
17	2033	2043	2052	2060	2067	2073	2079	2085	2097
18	2047	2057	2066	2074	2081	2087	2093	2098	2110
19	2060	2070	2079	2087	2094	2100	2106	2111	2122
20	2073	2083	2091	2098	2105	2112	2118	2123	2134
Λ_{R}	0,649	0,528	0,427	0,342	0,269	0,205	0,148	0,097	0,017
v_{R}	821	760	699	638	577	516	450	374	113
B	0,865	0,740	0,628	0,526	0,433	0,348	0,267	0,186	0,035
$\Lambda_{\partial} \backslash p_m$	1800	2000	2200	2400	2600	2800	3000	3200	3600

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$$\Delta = 0,29$$

Λ_{∂} \ / \ p_m	700	800	900	1000	1100	1200	1300	1400	1500	1600
1,0									951	976
1,5							1092	1124	1150	1171
2,0						1197	1232	1260	1281	1299
2,5					1259	1303	1335	1360	1379	1394
3,0				1293	1345	1384	1412	1436	1454	1468
3,5				1364	1414	1450	1476	1498	1515	1528
4,0				1423	1470	1503	1529	1550	1565	1578
4,5			1408	1473	1518	1549	1574	1594	1609	1621
5,0			1453	1517	1559	1589	1613	1632	1647	1658
5,5			1493	1555	1595	1624	1647	1665	1679	1690
6,0			1529	1588	1627	1655	1677	1694	1707	1719
6,5			1562	1618	1656	1683	1704	1720	1733	1744
7,0		1508	1592	1645	1682	1709	1729	1744	1757	1767
7,5		1537	1619	1671	1706	1732	1752	1767	1779	1789
8,0		1564	1644	1695	1729	1754	1773	1788	1800	1810
9		1611	1685	1735	1767	1792	1810	1824	1836	1846
10		1650	1722	1770	1801	1825	1842	1856	1868	1877
11		1685	1755	1801	1831	1853	1871	1884	1895	1904
12		1717	1784	1828	1857	1878	1896	1909	1919	1928
13		1745	1810	1852	1880	1901	1918	1931	1941	1950
14		1770	1833	1874	1901	1922	1938	1951	1961	1969
15	1686	1792	1853	1893	1920	1941	1957	1969	1979	1987
16	1707	1812	1872	1911	1938	1959	1974	1986	1995	2003
17	1728	1831	1890	1928	1955	1975	1990	2001	2010	2018
18	1747	1849	1907	1944	1970	1990	2005	2015	2024	2032
19	1765	1866	1923	1960	1985	2004	2019	2029	2038	2045
20	1782	1881	1938	1974	1999	2018	2032	2042	2051	2058
Λ_{K}	14,84	6,937	4,100	2,812	2,108	1,665	1,364	1,157	0,998	0,875
v_{K}	1684	1502	1365	1259	1174	1104	1044	993	948	908
B	3,630	2,888	2,383	2,024	1,758	1,554	1,390	1,257	1,148	1,058
Λ_{∂} \ / \ p_m	700	800	900	1000	1100	1200	1300	1400	1500	1600

$\Delta = 0,29$

$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$

$\Lambda_{\partial} \backslash p_m$	1600	1800	2000	2200	2400	2600	2800	3000	3200	3600
1,0	976	1016	1048	1076	1100	1122	1141	1159	1175	1206
1,5	1171	1204	1230	1253	1273	1290	1306	1321	1334	1359
2,0	1299	1327	1350	1370	1388	1404	1418	1431	1443	1465
2,5	1394	1419	1439	1456	1473	1486	1499	1511	1522	1543
3,0	1468	1491	1510	1525	1541	1553	1565	1577	1587	1605
3,5	1528	1549	1568	1582	1596	1608	1619	1630	1640	1657
4,0	1578	1598	1616	1630	1643	1655	1665	1675	1684	1701
4,5	1621	1640	1657	1671	1683	1695	1704	1714	1722	1739
5,0	1658	1677	1693	1706	1718	1729	1738	1747	1755	1772
5,5	1690	1709	1724	1737	1749	1759	1768	1776	1784	1801
6,0	1719	1737	1751	1764	1776	1786	1795	1802	1810	1826
6,5	1744	1762	1776	1789	1800	1810	1819	1826	1834	1849
7,0	1767	1785	1799	1811	1822	1832	1840	1848	1856	1870
7,5	1789	1806	1820	1832	1843	1852	1860	1868	1876	1890
8,0	1810	1826	1839	1851	1862	1871	1879	1887	1895	1909
9	1846	1861	1873	1884	1895	1904	1912	1919	1927	1940
10	1877	1891	1903	1914	1924	1933	1940	1947	1954	1968
11	1904	1918	1930	1940	1950	1958	1965	1972	1978	1992
12	1928	1942	1953	1963	1973	1980	1987	1994	2000	2013
13	1950	1963	1974	1984	1993	2000	2007	2014	2020	2032
14	1969	1982	1993	2003	2011	2018	2025	2032	2038	2050
15	1987	2000	2011	2020	2028	2035	2042	2048	2054	2066
16	2003	2016	2027	2036	2044	2051	2057	2063	2069	2081
17	2018	2031	2042	2051	2059	2066	2072	2078	2084	2095
18	2032	2045	2056	2065	2073	2080	2086	2092	2098	2108
19	2045	2058	2068	2077	2085	2092	2098	2104	2110	2120
20	2058	2070	2080	2089	2097	2104	2110	2116	2122	2132
Δ_K	0,875	0,699	0,575	0,472	0,384	0,308	0,242	0,185	0,135	0,048
v_K	908	843	785	728	671	614	557	498	431	277
B	1,058	0,911	0,788	0,677	0,575	0,482	0,398	0,320	0,245	0,093
$\Lambda_{\partial} \backslash p_m$	1600	1800	2000	2200	2400	2600	2800	3000	3200	3600

$$v_{\theta} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$$\Delta = 0,30$$

$\Delta_{\theta} \backslash \rho_m$	700	800	900	1000	1100	1200	1300	1400	1500	1600	1800
1,0										962	1006
1,5							1075	1110	1137	1160	1195
2,0						1179	1217	1247	1271	1291	1321
2,5					1240	1286	1321	1349	1369	1387	1413
3,0					1327	1369	1401	1427	1446	1462	1485
3,5				1341	1397	1436	1466	1489	1507	1522	1545
4,0				1402	1455	1491	1519	1541	1558	1573	1595
4,5				1454	1504	1538	1564	1585	1602	1616	1637
5,0			1430	1499	1546	1578	1603	1623	1640	1653	1673
5,5			1471	1538	1582	1613	1638	1657	1673	1686	1705
6,0			1507	1572	1614	1644	1669	1688	1702	1715	1733
6,5			1540	1602	1644	1673	1696	1715	1728	1740	1758
7,0			1570	1630	1671	1699	1721	1739	1752	1763	1781
7,5			1598	1656	1696	1723	1744	1762	1775	1785	1803
8,0			1624	1680	1718	1745	1766	1783	1796	1806	1823
9		1587	1667	1720	1757	1783	1803	1819	1832	1842	1858
10		1627	1705	1756	1791	1816	1835	1851	1864	1873	1889
11		1663	1739	1788	1821	1845	1864	1879	1892	1901	1916
12		1695	1769	1816	1847	1871	1890	1904	1916	1926	1940
13		1723	1795	1840	1871	1894	1913	1926	1938	1948	1961
14		1749	1818	1862	1893	1915	1933	1946	1957	1967	1980
15		1772	1838	1882	1913	1934	1951	1964	1975	1984	1998
16		1793	1857	1900	1931	1951	1968	1981	1992	2000	2014
17		1813	1875	1917	1947	1967	1984	1996	2007	2015	2029
18		1831	1892	1933	1963	1982	1999	2011	2021	2029	2043
19	1740	1848	1908	1949	1978	1997	2013	2025	2035	2042	2056
20	1755	1863	1923	1964	1992	2011	2027	2039	2048	2055	2068
Δ_n	18,71	8,063	4,697	3,165	2,337	1,831	1,494	1,260	1,083	0,946	0,754
v_n	1733	1541	1402	1293	1205	1133	1073	1021	975	933	869
B	3,810	3,012	2,496	2,123	1,844	1,633	1,460	1,318	1,204	1,107	0,955
$\Delta_{\theta} \backslash \rho_m$	700	800	900	1000	1100	1200	1300	1400	1500	1600	1800

$\Delta = 0,30$

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

ρ_m Δ_{∂}	1800	2000	2200	2400	2600	2800	3000	3200	3600	4000
1,0	1006	1039	1067	1092	1114	1134	1151	1167	1198	1227
1,5	1195	1222	1245	1266	1284	1300	1315	1328	1354	1378
2,0	1321	1344	1364	1382	1399	1413	1426	1438	1461	1481
2,5	1413	1433	1451	1467	1482	1495	1507	1519	1540	1559
3,0	1485	1504	1521	1536	1549	1561	1572	1584	1603	1621
3,5	1545	1562	1579	1593	1605	1616	1627	1637	1655	1672
4,0	1595	1611	1626	1640	1652	1662	1673	1682	1699	1715
4,5	1637	1653	1667	1680	1692	1702	1712	1720	1737	1752
5,0	1673	1689	1703	1715	1726	1736	1746	1753	1769	1784
5,5	1705	1720	1734	1746	1757	1766	1775	1783	1799	1813
6,0	1733	1748	1761	1773	1784	1793	1801	1809	1824	1838
6,5	1758	1773	1786	1798	1808	1817	1825	1832	1847	1861
7,0	1781	1796	1809	1820	1830	1839	1847	1854	1868	1882
7,5	1803	1817	1829	1840	1850	1859	1867	1874	1888	1902
8,0	1823	1836	1848	1859	1869	1878	1885	1892	1906	1920
9	1858	1871	1883	1893	1902	1911	1918	1925	1938	1951
10	1889	1901	1912	1922	1931	1939	1946	1953	1966	1978
11	1916	1928	1939	1948	1956	1964	1971	1977	1990	2002
12	1940	1952	1962	1971	1978	1986	1993	1999	2011	2023
13	1961	1972	1982	1991	1998	2006	2013	2019	2030	2042
14	1980	1991	2001	2010	2017	2024	2031	2037	2048	2059
15	1998	2009	2019	2027	2034	2041	2047	2053	2064	2075
16	2014	2025	2035	2043	2050	2057	2062	2068	2079	2090
17	2029	2040	2050	2058	2066	2072	2076	2082	2093	2104
18	2043	2054	2064	2072	2080	2086	2090	2096	2106	2117
19	2056	2066	2076	2084	2092	2098	2103	2109	2119	2129
20	2068	2078	2087	2095	2103	2109	2115	2121	2131	2140
Δ_R	0,754	0,620	0,514	0,424	0,347	0,280	0,222	0,171	0,082	0,012
v_R	869	811	755	700	646	592	537	482	345	81
B	0,955	0,834	0,723	0,622	0,529	0,445	0,370	0,298	0,157	0,024
Δ_{∂} ρ_m	1800	2000	2200	2400	2600	2800	3000	3200	3600	4000

$$v_0 = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$$\Delta = 0,31$$

$\Lambda_0 \backslash p_m$	800	900	1000	1100	1200	1300	1400	1500	1600	1800
1,0										995
1,5							1094	1124	1148	1187
2,0						1204	1236	1261	1282	1315
2,5					1270	1308	1337	1360	1379	1408
3,0				1310	1354	1389	1416	1437	1454	1481
3,5				1381	1423	1455	1480	1500	1516	1541
4,0			1381	1440	1479	1509	1533	1552	1567	1591
4,5			1433	1489	1526	1555	1578	1596	1610	1633
5,0			1479	1531	1567	1595	1617	1634	1648	1670
5,5		1448	1520	1569	1604	1630	1651	1667	1681	1702
6,0		1485	1556	1603	1636	1661	1681	1697	1710	1730
6,5		1519	1587	1633	1664	1689	1708	1724	1736	1756
7,0		1549	1614	1659	1690	1715	1733	1748	1760	1779
7,5		1576	1639	1684	1714	1738	1756	1770	1782	1800
8,0		1600	1662	1706	1736	1759	1777	1791	1803	1820
9		1647	1705	1746	1775	1797	1814	1827	1838	1855
10	1604	1688	1743	1781	1809	1830	1846	1859	1870	1887
11	1641	1723	1775	1812	1839	1859	1874	1887	1898	1914
12	1674	1753	1803	1839	1865	1885	1899	1911	1922	1938
13	1703	1779	1828	1863	1888	1907	1921	1933	1944	1959
14	1729	1802	1850	1885	1909	1927	1941	1953	1964	1978
15	1752	1823	1870	1904	1928	1946	1960	1972	1982	1996
16	1773	1842	1889	1922	1946	1963	1977	1989	1998	2012
17	1793	1860	1907	1939	1963	1979	1993	2004	2013	2027
18	1811	1877	1923	1955	1978	1994	2007	2018	2027	2041
19	1828	1894	1939	1970	1992	2008	2021	2032	2040	2054
20	1844	1910	1954	1984	2005	2021	2034	2045	2053	2066
Λ_K	9,394	5,394	3,564	2,586	2,017	1,630	1,364	1,173	1,023	0,809
v_K	1580	1439	1326	1236	1163	1101	1047	1000	959	888
B	3,137	2,609	2,220	1,921	1,700	1,521	1,376	1,256	1,157	0,995

$\Delta = 0,31$

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$\Delta_{\partial} \backslash p_m$	1800	2000	2200	2400	2600	2800	3000	3200	3600	4000
1,0	995	1029	1058	1083	1106	1126	1144	1160	1190	1219
1,5	1187	1215	1238	1259	1278	1295	1310	1324	1349	1372
2,0	1315	1340	1360	1378	1394	1409	1422	1434	1456	1477
2,5	1408	1430	1448	1464	1478	1491	1503	1514	1535	1554
3,0	1481	1501	1518	1533	1547	1558	1569	1580	1599	1616
3,5	1541	1560	1576	1590	1603	1613	1624	1635	1652	1668
4,0	1591	1609	1624	1638	1650	1660	1670	1680	1697	1712
4,5	1633	1650	1665	1678	1690	1700	1709	1718	1735	1750
5,0	1670	1686	1700	1713	1724	1734	1743	1751	1768	1783
5,5	1702	1717	1731	1743	1754	1764	1773	1781	1797	1811
6,0	1730	1745	1759	1770	1781	1791	1799	1807	1823	1836
6,5	1756	1771	1784	1795	1806	1815	1823	1831	1846	1859
7,0	1779	1794	1807	1818	1828	1837	1845	1852	1867	1880
7,5	1800	1815	1827	1838	1848	1857	1865	1872	1886	1899
8,0	1820	1834	1846	1857	1867	1876	1883	1890	1904	1917
9	1855	1868	1880	1890	1899	1908	1915	1922	1936	1948
10	1887	1899	1910	1919	1928	1937	1944	1951	1964	1975
11	1914	1926	1936	1945	1954	1962	1969	1976	1988	1999
12	1938	1949	1959	1968	1977	1985	1992	1998	2010	2020
13	1959	1970	1980	1989	1997	2005	2012	2018	2029	2039
14	1978	1989	1999	2008	2016	2023	2030	2036	2047	2057
15	1996	2007	2017	2025	2033	2040	2046	2052	2063	2073
16	2012	2023	2033	2041	2049	2056	2062	2067	2078	2088
17	2027	2038	2048	2056	2064	2071	2077	2081	2092	2102
18	2041	2052	2062	2070	2078	2084	2090	2095	2106	2115
19	2054	2065	2074	2082	2090	2096	2102	2107	2118	2127
20	2066	2077	2086	2093	2101	2108	2114	2119	2130	2139
$\Delta_{\text{к}}$	0,809	0,667	0,559	0,467	0,387	0,317	0,257	0,206	0,114	0,041
$v_{\text{к}}$	888	832	780	728	677	626	574	521	403	249
B	0,995	0,874	0,766	0,667	0,576	0,493	0,417	0,347	0,213	0,084
$\Delta_{\partial} \backslash p_m$	1800	2000	2200	2400	2600	2800	3000	3200	3600	4000

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$$\Delta = 0,32$$

Λ_{∂} \ / \ ρ_m	800	900	1000	1100	1200	1300	1400	1500	1600	1800	2000
1,0										982	1019
1,5							1078	1109	1136	1178	1208
2,0						1187	1223	1250	1272	1307	1333
2,5					1252	1294	1327	1352	1372	1402	1425
3,0				1291	1340	1377	1406	1429	1448	1476	1497
3,5				1363	1409	1444	1470	1491	1509	1536	1556
4,0				1423	1466	1498	1523	1543	1560	1586	1605
4,5			1413	1474	1515	1545	1568	1587	1603	1628	1647
5,0			1460	1517	1557	1586	1607	1626	1641	1665	1683
5,5			1501	1555	1593	1621	1642	1660	1674	1697	1714
6,0			1537	1589	1625	1652	1673	1690	1703	1725	1741
6,5		1495	1569	1619	1654	1680	1701	1717	1730	1751	1766
7,0		1525	1598	1646	1680	1706	1726	1742	1755	1775	1790
7,5		1553	1624	1671	1704	1729	1749	1764	1777	1797	1812
8,0		1579	1648	1695	1727	1751	1770	1785	1798	1817	1832
9		1627	1690	1735	1767	1790	1808	1822	1834	1853	1868
10		1667	1727	1770	1801	1823	1841	1854	1865	1884	1898
11	1617	1702	1759	1801	1831	1852	1869	1882	1893	1911	1924
12	1650	1732	1787	1828	1857	1877	1894	1907	1918	1935	1947
13	1680	1759	1813	1852	1880	1900	1916	1929	1940	1956	1968
14	1706	1784	1837	1874	1901	1921	1936	1949	1960	1975	1987
15	1730	1806	1859	1895	1921	1940	1955	1967	1978	1993	2004
16	1752	1827	1879	1914	1939	1958	1972	1984	1994	2009	2020
17	1772	1846	1897	1932	1955	1974	1988	1999	2009	2024	2035
18	1791	1864	1913	1948	1970	1989	2003	2013	2023	2038	2049
19	1809	1881	1928	1962	1984	2003	2017	2027	2036	2051	2062
20	1825	1896	1943	1975	1998	2016	2030	2040	2049	2063	2074
Λ_n	10,89	6,199	4,028	2,866	2,217	1,781	1,482	1,268	1,105	0,871	0,716
v_n	1613	1473	1360	1268	1192	1128	1073	1025	983	912	856
B	3,256	2,720	2,316	2,005	1,775	1,590	1,440	1,316	1,212	1,043	0,913
Λ_{∂} \ / \ ρ_m	800	900	1000	1100	1200	1300	1400	1500	1600	1800	2000

$\Delta = 0,32$

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$\Delta_{\partial} \backslash p_m$	2000	2200	2400	2600	2800	3000	3200	3600	4000	4400
1,0	1019	1048	1074	1098	1119	1137	1154	1184	1212	1238
1,5	1208	1232	1253	1272	1289	1305	1319	1344	1367	1388
2,0	1333	1354	1373	1390	1405	1419	1432	1453	1472	1492
2,5	1425	1444	1460	1475	1488	1501	1513	1532	1550	1568
3,0	1497	1515	1530	1543	1557	1568	1579	1597	1614	1630
3,5	1556	1573	1587	1600	1613	1623	1633	1650	1667	1682
4,0	1605	1621	1635	1648	1659	1669	1678	1694	1711	1725
4,5	1647	1662	1675	1688	1698	1708	1716	1732	1748	1762
5,0	1683	1698	1710	1722	1732	1742	1749	1765	1780	1794
5,5	1714	1729	1741	1752	1762	1771	1779	1794	1808	1822
6,0	1741	1756	1768	1779	1788	1797	1805	1820	1834	1847
6,5	1766	1781	1793	1803	1812	1821	1829	1843	1857	1870
7,0	1790	1804	1815	1825	1834	1843	1851	1865	1878	1891
7,5	1812	1825	1836	1846	1855	1863	1871	1885	1897	1910
8,0	1832	1844	1855	1865	1874	1882	1890	1903	1915	1927
9	1868	1879	1889	1898	1906	1914	1922	1935	1947	1958
10	1898	1909	1918	1927	1935	1943	1950	1963	1974	1985
11	1924	1934	1944	1953	1961	1968	1975	1988	1999	2009
12	1947	1957	1967	1976	1984	1991	1998	2010	2021	2030
13	1968	1978	1987	1996	2004	2011	2018	2030	2040	2049
14	1987	1997	2006	2014	2022	2029	2036	2047	2057	2066
15	2004	2014	2023	2031	2039	2046	2052	2063	2073	2082
16	2020	2030	2039	2047	2054	2061	2067	2078	2088	2097
17	2035	2045	2054	2062	2069	2076	2082	2092	2102	2111
18	2049	2059	2068	2076	2082	2089	2095	2105	2115	2124
19	2062	2071	2080	2088	2095	2101	2107	2117	2127	2136
20	2074	2083	2091	2099	2106	2112	2118	2128	2138	2147
$\Lambda_{\text{к}}$	0,716	0,602	0,508	0,427	0,356	0,294	0,240	0,147	0,072	0,010
$v_{\text{к}}$	856	805	755	705	655	606	558	453	328	74
B	0,913	0,808	0,711	0,621	0,538	0,462	0,392	0,264	0,142	0,020
$\Delta_{\partial} \backslash p_m$	2000	2200	2400	2600	2800	3000	3200	3600	4000	4400

$$v_D = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$$\Delta = 0,33$$

Δ_D \ / \ ρ_m	800	900	1000	1100	1200	1300	1400	1500	1600	1800	2000
1,0										969	1008
1,5								1095	1123	1168	1200
2,0						1170	1208	1239	1264	1301	1327
2,5					1236	1278	1312	1340	1363	1396	1419
3,0					1324	1363	1394	1420	1441	1471	1492
3,5				1344	1395	1431	1460	1483	1503	1531	1551
4,0				1404	1453	1487	1514	1536	1555	1582	1600
4,5			1393	1456	1502	1534	1560	1581	1599	1625	1642
5,0			1439	1501	1544	1575	1600	1620	1637	1662	1679
5,5			1480	1540	1581	1611	1635	1654	1670	1694	1711
6,0			1517	1574	1614	1643	1666	1684	1699	1722	1739
6,5			1550	1605	1643	1671	1693	1711	1726	1748	1764
7,0			1579	1633	1670	1697	1719	1736	1750	1771	1787
7,5		1532	1605	1658	1694	1721	1742	1758	1772	1793	1809
8,0		1557	1629	1681	1717	1743	1763	1779	1792	1813	1829
9		1606	1674	1723	1757	1781	1801	1816	1829	1849	1863
10		1647	1712	1758	1791	1815	1834	1849	1861	1880	1894
11		1683	1745	1789	1821	1845	1863	1878	1889	1907	1921
12		1715	1775	1817	1848	1871	1889	1903	1914	1931	1945
13	1657	1743	1802	1842	1872	1894	1911	1925	1936	1953	1966
14	1684	1768	1826	1864	1893	1915	1931	1945	1956	1973	1985
15	1708	1791	1847	1884	1913	1934	1950	1963	1974	1991	2003
16	1730	1812	1866	1903	1931	1952	1967	1980	1991	2007	2019
17	1751	1831	1884	1920	1948	1968	1983	1995	2006	2022	2034
18	1770	1849	1901	1936	1963	1982	1997	2009	2020	2036	2048
19	1788	1865	1916	1951	1977	1996	2011	2023	2033	2049	2061
20	1804	1880	1930	1965	1990	2009	2024	2036	2046	2062	2073
$\Delta_{\text{к}}$	12,56	7,060	4,448	3,194	2,436	1,950	1,608	1,374	1,194	0,936	0,771
$v_{\text{к}}$	1645	1507	1392	1299	1221	1156	1100	1051	1008	935	878
B	3,379	2,829	2,417	2,096	1,849	1,659	1,503	1,374	1,265	1,089	0,960

Δ_D \ / \ ρ_m	800	900	1000	1100	1200	1300	1400	1500	1600	1800	2000
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$\Delta = 0,33$

$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$

$\Lambda_{\partial} \backslash p_m$	2000	2200	2400	2600	2800	3000	3200	3600	4000	4400
1,0	1008	1038	1064	1089	1110	1130	1148	1179	1206	1231
1,5	1200	1225	1246	1265	1283	1299	1314	1339	1362	1383
2,0	1327	1348	1367	1384	1399	1413	1426	1448	1468	1487
2,5	1419	1438	1455	1470	1484	1497	1509	1530	1548	1565
3,0	1492	1510	1525	1538	1552	1564	1576	1595	1612	1628
3,5	1551	1568	1582	1595	1608	1620	1630	1648	1664	1679
4,0	1600	1616	1630	1643	1655	1666	1675	1692	1707	1722
4,5	1642	1657	1671	1684	1695	1705	1714	1730	1744	1759
5,0	1679	1693	1706	1719	1729	1739	1748	1763	1777	1791
5,5	1711	1725	1737	1749	1759	1769	1778	1793	1806	1819
6,0	1739	1753	1765	1776	1786	1795	1804	1819	1832	1844
6,5	1764	1778	1790	1801	1810	1819	1827	1842	1855	1867
7,0	1787	1801	1813	1823	1832	1841	1849	1863	1876	1888
7,5	1809	1822	1834	1844	1853	1862	1869	1883	1896	1907
8,0	1829	1842	1853	1863	1872	1880	1888	1902	1914	1925
9	1863	1875	1886	1896	1905	1913	1920	1933	1945	1956
10	1894	1905	1916	1925	1934	1942	1949	1961	1973	1983
11	1921	1932	1942	1951	1960	1967	1974	1986	1997	2007
12	1945	1956	1965	1974	1982	1989	1996	2008	2019	2029
13	1966	1977	1986	1995	2002	2009	2016	2028	2039	2048
14	1985	1996	2005	2013	2020	2027	2034	2046	2057	2066
15	2003	2013	2022	2030	2037	2044	2051	2062	2073	2082
16	2019	2029	2038	2046	2053	2060	2066	2077	2087	2096
17	2034	2044	2053	2061	2068	2074	2080	2090	2100	2109
18	2048	2057	2066	2074	2081	2087	2093	2103	2113	2122
19	2061	2070	2078	2086	2093	2099	2105	2115	2125	2134
20	2073	2082	2090	2098	2105	2111	2116	2126	2136	2145
Λ_{K}	0,771	0,651	0,552	0,467	0,393	0,329	0,273	0,179	0,101	0,038
v_{K}	878	828	780	732	684	637	590	497	387	238
B	0,960	0,854	0,757	0,667	0,584	0,506	0,437	0,311	0,193	0,079
$\Lambda_{\partial} \backslash p_m$	2000	2200	2400	2600	2800	3000	3200	3600	4000	4400

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$$\Delta = 0,34$$

ρ_m Δ_{∂}	800	900	1000	1100	1200	1300	1400	1500	1600	1800	2000
1,0											998
1,5								1081	1110	1158	1192
2,0							1193	1226	1252	1292	1321
2,5						1263	1300	1330	1353	1388	1414
3,0					1307	1349	1383	1410	1431	1463	1487
3,5					1379	1418	1450	1475	1494	1524	1546
4,0				1384	1438	1475	1505	1528	1546	1575	1596
4,5				1437	1488	1523	1551	1573	1590	1619	1639
5,0				1483	1531	1564	1591	1612	1629	1657	1676
5,5			1458	1523	1568	1600	1626	1647	1663	1690	1708
6,0			1495	1558	1601	1633	1657	1677	1693	1719	1736
6,5			1528	1589	1631	1662	1685	1704	1720	1744	1761
7,0			1558	1617	1658	1688	1711	1729	1744	1767	1784
7,5			1586	1643	1683	1712	1735	1752	1767	1789	1806
8,0			1611	1667	1707	1735	1757	1774	1788	1810	1826
9		1585	1656	1709	1746	1773	1795	1812	1825	1846	1861
10		1627	1695	1745	1780	1806	1828	1844	1857	1877	1892
11		1663	1729	1777	1811	1835	1856	1872	1885	1904	1919
12		1695	1759	1805	1838	1861	1881	1897	1910	1928	1943
13		1724	1786	1830	1863	1885	1904	1920	1932	1950	1965
14		1750	1810	1853	1885	1907	1925	1940	1952	1970	1984
15	1686	1773	1832	1874	1905	1927	1945	1959	1970	1988	2001
16	1709	1794	1852	1893	1923	1945	1963	1976	1987	2004	2017
17	1729	1814	1870	1911	1940	1961	1979	1992	2002	2019	2032
18	1748	1832	1887	1927	1956	1976	1993	2006	2016	2033	2046
19	1766	1849	1903	1942	1970	1990	2006	2019	2029	2046	2059
20	1783	1864	1918	1956	1983	2003	2019	2032	2042	2059	2071
Δ_n	14,95	8,080	5,117	3,568	2,671	2,130	1,750	1,483	1,283	1,006	0,821
v_n	1684	1542	1425	1328	1248	1182	1125	1075	1032	957	898
B	3,504	2,938	2,518	2,186	1,925	1,729	1,565	1,429	1,317	1,135	0,998
Δ_{∂} ρ_m	800	900	1000	1100	1200	1300	1400	1500	1600	1800	2000

$\Delta = 0,34$

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$\Delta_{\partial} \backslash p_m$	2000	2200	2400	2600	2800	3000	3200	3600	4000	4400	4800
1,0	998	1030	1057	1081	1103	1123	1141	1172	1199	1224	1248
1,5	1192	1218	1240	1260	1278	1294	1309	1334	1356	1377	1397
2,0	1321	1343	1362	1379	1395	1410	1423	1445	1465	1484	1502
2,5	1414	1434	1451	1466	1480	1493	1505	1526	1545	1562	1579
3,0	1487	1505	1522	1536	1549	1561	1572	1592	1610	1626	1641
3,5	1546	1563	1579	1593	1605	1617	1627	1646	1662	1677	1692
4,0	1596	1612	1627	1640	1652	1663	1673	1691	1706	1720	1724
4,5	1639	1654	1668	1680	1692	1702	1712	1729	1743	1757	1770
5,0	1676	1690	1703	1715	1726	1736	1746	1762	1775	1789	1802
5,5	1708	1722	1734	1746	1756	1766	1776	1791	1804	1817	1831
6,0	1736	1750	1762	1773	1783	1793	1802	1816	1830	1842	1856
6,5	1761	1775	1787	1798	1808	1817	1825	1839	1853	1865	1878
7,0	1784	1798	1810	1821	1830	1839	1847	1861	1874	1886	1898
7,5	1806	1819	1831	1842	1851	1860	1867	1881	1894	1906	1917
8,0	1826	1839	1850	1861	1870	1879	1886	1900	1912	1924	1935
9	1861	1873	1884	1894	1903	1911	1918	1931	1943	1954	1965
10	1892	1904	1914	1924	1932	1940	1947	1959	1971	1981	1992
11	1919	1931	1941	1950	1958	1966	1973	1984	1995	2005	2016
12	1943	1955	1964	1973	1981	1989	1995	2006	2017	2027	2037
13	1965	1976	1985	1994	2002	2009	2015	2026	2037	2047	2056
14	1984	1995	2004	2013	2020	2027	2033	2044	2055	2065	2074
15	2001	2012	2021	2030	2037	2044	2050	2061	2071	2081	2090
16	2017	2028	2037	2046	2053	2060	2066	2076	2086	2095	2104
17	2032	2043	2052	2060	2067	2074	2080	2090	2099	2108	2117
18	2046	2056	2065	2073	2080	2087	2093	2103	2112	2121	2129
19	2059	2069	2078	2086	2093	2099	2105	2115	2124	2133	2141
20	2071	2080	2089	2097	2104	2110	2116	2126	2135	2144	2152
Δ_{κ}	0,821	0,695	0,594	0,508	0,432	0,365	0,306	0,211	0,132	0,066	0,012
v_{κ}	898	848	802	757	712	667	622	534	436	320	87
B	0,998	0,891	0,796	0,708	0,626	0,550	0,479	0,356	0,242	0,132	0,025
$\Delta_{\partial} \backslash p_m$	2000	2200	2400	2600	2800	3000	3200	3600	4000	4400	4800

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\sigma}{\varphi q}}$$

$$\Delta = 0,35$$

Δ_{∂} \ / \ ρ_m	800	900	1000	1100	1200	1300	1400	1500	1600	1800	2000
1,0											988
1,5									1096	1147	1185
2,0							1178	1213	1240	1285	1316
2,5						1247	1286	1320	1343	1380	1409
3,0					1290	1334	1370	1400	1422	1457	1483
3,5					1362	1404	1438	1465	1486	1518	1543
4,0				1366	1422	1462	1494	1519	1539	1569	1593
4,5				1419	1473	1511	1541	1565	1584	1613	1635
5,0				1465	1517	1553	1582	1605	1623	1651	1672
5,5				1506	1555	1590	1618	1640	1657	1684	1704
6,0			1477	1542	1589	1623	1649	1671	1687	1714	1733
6,5			1510	1573	1619	1652	1677	1699	1714	1741	1759
7,0			1540	1601	1646	1678	1703	1724	1739	1765	1782
7,5			1566	1627	1671	1702	1727	1747	1762	1786	1803
8,0			1590	1651	1695	1725	1749	1768	1783	1806	1823
9			1639	1694	1735	1764	1787	1805	1820	1843	1859
10		1606	1679	1731	1770	1798	1820	1838	1852	1874	1890
11		1643	1713	1763	1801	1828	1849	1866	1880	1901	1917
12		1676	1743	1792	1829	1854	1875	1891	1905	1925	1941
13		1705	1770	1818	1853	1878	1898	1914	1928	1947	1962
14		1731	1795	1842	1875	1900	1919	1935	1948	1967	1981
15		1755	1817	1863	1895	1920	1939	1954	1966	1985	1999
16		1777	1837	1882	1913	1938	1956	1971	1983	2002	2015
17		1797	1856	1900	1930	1954	1972	1987	1999	2017	2030
18	1722	1815	1874	1917	1946	1969	1987	2001	2013	2031	2044
19	1741	1832	1891	1932	1961	1983	2001	2015	2026	2044	2057
20	1758	1848	1906	1947	1976	1997	2014	2028	2039	2056	2069
Λ_K	17,99	9,201	5,782	3,993	2,916	2,321	1,904	1,599	1,381	1,073	0,881
v_K	1722	1575	1459	1361	1277	1208	1150	1100	1056	980	921
B	3,650	3,043	2,613	2,273	2,006	1,800	1,630	1,488	1,373	1,184	1,040
Δ_{∂} \ / \ ρ_m	800	900	1000	1100	1200	1300	1400	1500	1600	1800	2000

$\Delta = 0,35$

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$\Lambda_{\partial} \backslash p_m$	2000	2200	2400	2600	2800	3000	3200	3600	4000	4400	4800
1,0	988	1021	1049	1074	1096	1116	1135	1165	1193	1218	1241
1,5	1185	1212	1235	1255	1273	1289	1305	1330	1353	1374	1394
2,0	1316	1338	1358	1375	1391	1405	1418	1441	1462	1480	1498
2,5	1409	1430	1447	1463	1476	1489	1501	1523	1543	1560	1576
3,0	1483	1502	1518	1533	1545	1557	1569	1589	1608	1624	1638
3,5	1543	1560	1576	1589	1602	1613	1625	1643	1661	1676	1689
4,0	1593	1609	1624	1636	1649	1660	1671	1688	1705	1719	1732
4,5	1635	1651	1665	1677	1689	1700	1710	1726	1742	1756	1769
5,0	1672	1688	1701	1713	1724	1734	1744	1759	1774	1788	1801
5,5	1704	1720	1732	1744	1755	1764	1773	1789	1803	1816	1829
6,0	1733	1748	1760	1771	1782	1791	1799	1815	1829	1841	1854
6,5	1759	1773	1785	1796	1806	1815	1823	1838	1852	1864	1877
7,0	1782	1796	1808	1819	1829	1837	1845	1859	1873	1885	1897
7,5	1803	1817	1829	1840	1850	1858	1866	1879	1892	1904	1916
8,0	1823	1837	1849	1859	1869	1877	1885	1898	1910	1922	1933
9	1859	1872	1883	1893	1902	1910	1918	1930	1941	1953	1963
10	1890	1902	1912	1922	1931	1939	1946	1958	1969	1980	1990
11	1917	1929	1938	1948	1957	1965	1971	1983	1994	2004	2014
12	1941	1953	1962	1971	1980	1988	1994	2005	2016	2026	2036
13	1962	1974	1983	1992	2000	2008	2014	2025	2036	2046	2055
14	1981	1993	2002	2011	2019	2026	2032	2043	2054	2064	2073
15	1999	2010	2019	2028	2036	2043	2049	2060	2070	2080	2089
16	2015	2026	2035	2044	2052	2059	2065	2075	2085	2094	2103
17	2030	2041	2050	2058	2066	2073	2079	2089	2098	2107	2116
18	2044	2054	2063	2071	2079	2086	2092	2102	2111	2120	2128
19	2057	2067	2076	2084	2091	2098	2104	2114	2123	2132	2140
20	2069	2079	2088	2096	2103	2109	2115	2125	2134	2143	2151
Λ_{κ}	0,881	0,745	0,638	0,548	0,470	0,401	0,340	0,242	0,161	0,094	0,038
v_{κ}	921	871	825	781	738	695	651	569	480	377	237
B	1,040	0,930	0,836	0,750	0,668	0,593	0,521	0,399	0,287	0,180	0,077
$\Lambda_{\partial} \backslash p_m$	2000	2200	2400	2600	2800	3000	3200	3600	4000	4400	4800

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$$\Delta = 0,36$$

$\Lambda_{\partial} \backslash p_m$	900	1000	1100	1200	1300	1400	1500	1600	1800	2000	2200
1,0										976	1010
1,5								1083	1137	1176	1206
2,0							1199	1229	1276	1309	1333
2,5						1270	1305	1333	1374	1404	1426
3,0					1320	1357	1388	1413	1451	1478	1498
3,5				1345	1390	1425	1454	1477	1513	1538	1557
4,0				1405	1449	1482	1509	1531	1564	1588	1606
4,5			1396	1457	1499	1530	1556	1577	1608	1631	1648
5,0			1442	1502	1541	1571	1596	1616	1646	1668	1685
5,5			1483	1541	1578	1607	1631	1650	1679	1701	1717
6,0			1519	1575	1611	1640	1663	1681	1709	1730	1745
6,5			1551	1605	1641	1669	1691	1708	1735	1755	1770
7,0		1520	1580	1633	1668	1695	1716	1732	1759	1778	1793
7,5		1548	1607	1659	1692	1718	1739	1755	1781	1800	1814
8,0		1573	1632	1683	1715	1740	1760	1776	1802	1821	1835
9		1620	1679	1723	1755	1780	1799	1814	1838	1856	1869
10		1660	1716	1759	1790	1814	1832	1846	1869	1887	1899
11	1622	1694	1748	1790	1820	1843	1860	1874	1897	1914	1926
12	1656	1725	1777	1817	1846	1868	1885	1899	1922	1938	1950
13	1686	1753	1803	1842	1870	1891	1908	1922	1944	1960	1971
14	1713	1778	1827	1865	1892	1913	1929	1943	1964	1979	1990
15	1738	1800	1848	1885	1912	1933	1948	1962	1982	1997	2007
16	1760	1821	1868	1904	1930	1951	1966	1979	1999	2013	2023
17	1780	1840	1886	1921	1947	1967	1982	1995	2014	2028	2039
18	1799	1858	1903	1937	1962	1982	1996	2009	2028	2042	2053
19	1816	1875	1919	1952	1977	1996	2010	2022	2041	2055	2066
20	1833	1892	1935	1967	1991	2009	2023	2035	2054	2068	2078
Λ_K	10,49	6,532	4,486	3,246	2,531	2,062	1,733	1,489	1,153	0,937	0,792
v_K	1606	1492	1392	1306	1235	1176	1125	1081	1004	943	892
B	3,148	2,719	2,378	2,084	1,869	1,694	1,549	1,428	1,230	1,083	0,970
$\Lambda_{\partial} \backslash p_m$	900	1000	1100	1200	1300	1400	1500	1600	1800	2000	2200

$\Delta = 0,36$

$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$

$\Delta_{\partial} \backslash p_m$	2200	2400	2600	2800	3000	3200	3600	4000	4400	4800	5200
1,0	1010	1039	1065	1088	1109	1128	1159	1187	1212	1235	1257
1,5	1206	1229	1249	1267	1284	1300	1326	1349	1370	1389	1407
2,0	1333	1353	1370	1386	1401	1415	1439	1459	1477	1494	1510
2,5	1426	1443	1458	1472	1485	1498	1520	1539	1557	1572	1587
3,0	1498	1515	1528	1541	1553	1566	1587	1605	1621	1635	1649
3,5	1557	1573	1586	1598	1609	1621	1642	1659	1673	1686	1700
4,0	1606	1621	1634	1645	1655	1667	1687	1703	1716	1729	1742
4,5	1648	1662	1674	1685	1696	1706	1725	1740	1753	1766	1778
5,0	1685	1698	1709	1720	1731	1740	1758	1772	1785	1798	1810
5,5	1717	1729	1740	1751	1761	1770	1787	1801	1814	1826	1838
6,0	1745	1757	1768	1779	1788	1797	1813	1827	1840	1851	1863
6,5	1770	1782	1793	1804	1813	1821	1836	1850	1863	1874	1885
7,0	1793	1805	1816	1826	1835	1843	1858	1871	1884	1895	1905
7,5	1814	1826	1837	1847	1856	1864	1878	1891	1903	1914	1924
8,0	1835	1846	1856	1866	1875	1883	1897	1909	1920	1931	1941
9	1869	1881	1890	1899	1907	1916	1929	1941	1952	1962	1972
10	1899	1910	1919	1928	1936	1945	1957	1969	1979	1989	1999
11	1926	1936	1945	1954	1962	1970	1982	1993	2003	2013	2023
12	1950	1960	1969	1977	1985	1992	2004	2015	2025	2035	2044
13	1971	1981	1990	1998	2006	2012	2024	2035	2045	2054	2063
14	1990	2000	2009	2017	2024	2030	2042	2053	2063	2072	2080
15	2007	2017	2026	2034	2041	2047	2059	2069	2079	2088	2096
16	2023	2033	2042	2050	2057	2063	2074	2084	2094	2102	2110
17	2039	2048	2057	2065	2072	2078	2088	2098	2107	2115	2123
18	2053	2062	2070	2078	2085	2091	2101	2111	2119	2127	2135
19	2066	2075	2083	2090	2097	2103	2113	2123	2131	2139	2146
20	2078	2086	2094	2101	2108	2114	2124	2134	2142	2150	2157
$\Delta_{\text{к}}$	0,792	0,680	0,588	0,509	0,439	0,376	0,275	0,191	0,121	0,063	0,016
$v_{\text{к}}$	892	846	803	761	720	679	598	517	426	316	114
B	0,970	0,876	0,790	0,710	0,635	0,563	0,439	0,330	0,227	0,128	0,032
$\Delta_{\partial} \backslash p_m$	2200	2400	2600	2800	3000	3200	3600	4000	4400	4800	5200

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$$\Delta = 0,37$$

$\Lambda_{\partial} \backslash p_m$	900	1000	1100	1200	1300	1400	1500	1600	1800	2000	2200
1,0											1000
1,5									1125	1167	1197
2,0							1184	1216	1265	1300	1326
2,5						1255	1291	1322	1367	1398	1421
3,0					1303	1343	1376	1403	1443	1472	1494
3,5					1376	1414	1444	1468	1506	1533	1553
4,0				1388	1435	1471	1500	1523	1558	1584	1603
4,5				1441	1485	1520	1547	1569	1602	1627	1645
5,0			1425	1486	1529	1562	1588	1609	1640	1664	1682
5,5			1466	1525	1567	1599	1624	1644	1674	1697	1714
6,0			1502	1559	1601	1632	1655	1674	1704	1726	1742
6,5			1534	1590	1631	1661	1683	1701	1731	1752	1767
7,0			1563	1618	1658	1687	1709	1726	1755	1775	1790
7,5		1529	1591	1644	1683	1711	1732	1749	1777	1797	1812
8,0		1554	1616	1669	1706	1733	1754	1771	1798	1817	1831
9		1603	1664	1712	1746	1772	1792	1808	1834	1852	1866
10		1643	1702	1748	1781	1806	1825	1840	1864	1882	1896
11		1678	1735	1779	1811	1835	1854	1869	1891	1909	1923
12		1709	1764	1807	1838	1861	1880	1894	1916	1934	1947
13	1663	1737	1790	1832	1862	1884	1903	1917	1939	1956	1969
14	1690	1762	1814	1855	1884	1906	1924	1938	1960	1976	1988
15	1715	1785	1835	1875	1904	1926	1943	1957	1979	1994	2006
16	1737	1806	1855	1894	1922	1944	1961	1974	1996	2010	2022
17	1758	1826	1874	1912	1940	1961	1977	1990	2011	2025	2037
18	1777	1844	1892	1929	1956	1976	1991	2004	2025	2039	2051
19	1795	1861	1908	1944	1970	1990	2005	2018	2038	2052	2064
20	1811	1876	1923	1958	1984	2003	2018	2031	2051	2065	2076
Λ_{κ}	12,25	7,358	4,996	3,606	2,774	2,248	1,862	1,599	1,232	1,001	0,840
v_{κ}	1641	1523	1422	1334	1261	1200	1148	1102	1025	963	911
B	3,274	2,816	2,468	2,170	1,943	1,759	1,608	1,484	1,281	1,130	1,014
$\Lambda_{\partial} \backslash p_m$	900	1000	1100	1200	1300	1400	1500	1600	1800	2000	2200

$\Delta = 0,37$

$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$

$\Lambda_{\partial} \backslash P_m$	2200	2400	2600	2800	3000	3200	3600	4000	4400	4800	5200
1,0	1000	1030	1055	1078	1099	1119	1152	1180	1205	1229	1251
1,5	1197	1221	1242	1261	1278	1294	1321	1344	1365	1385	1403
2,0	1326	1347	1365	1381	1396	1410	1434	1455	1474	1491	1507
2,5	1421	1439	1455	1469	1482	1495	1517	1536	1553	1569	1584
3,0	1494	1511	1525	1539	1550	1562	1583	1601	1617	1632	1645
3,5	1553	1569	1583	1596	1606	1618	1638	1655	1670	1684	1696
4,0	1603	1618	1631	1643	1654	1665	1684	1699	1714	1727	1739
4,5	1645	1659	1672	1683	1695	1705	1723	1737	1752	1764	1776
5,0	1682	1695	1708	1718	1730	1739	1756	1770	1785	1797	1808
5,5	1714	1727	1739	1749	1760	1769	1785	1799	1813	1825	1836
6,0	1742	1755	1767	1777	1787	1796	1811	1825	1838	1850	1861
6,5	1767	1780	1792	1802	1811	1820	1835	1848	1861	1873	1884
7,0	1790	1803	1814	1824	1833	1842	1857	1870	1882	1894	1905
7,5	1812	1824	1834	1844	1853	1862	1877	1890	1902	1913	1923
8,0	1831	1843	1853	1863	1872	1880	1895	1908	1919	1930	1940
9	1866	1878	1888	1897	1905	1913	1927	1939	1950	1961	1971
10	1896	1908	1918	1926	1934	1942	1956	1967	1978	1989	1998
11	1923	1934	1944	1952	1960	1968	1981	1992	2003	2013	2022
12	1947	1958	1967	1975	1983	1990	2003	2014	2025	2034	2043
13	1969	1979	1988	1996	2003	2010	2023	2034	2044	2053	2062
14	1988	1998	2007	2015	2022	2029	2041	2052	2061	2070	2079
15	2006	2015	2024	2032	2039	2046	2058	2068	2077	2086	2095
16	2022	2031	2040	2048	2055	2061	2073	2082	2091	2100	2109
17	2037	2046	2055	2063	2070	2076	2087	2096	2105	2114	2122
18	2051	2060	2068	2076	2083	2089	2100	2109	2118	2126	2134
19	2064	2072	2080	2088	2095	2101	2112	2121	2130	2138	2145
20	2076	2084	2092	2099	2106	2112	2123	2132	2141	2149	2156
Λ_{κ}	0,840	0,725	0,631	0,549	0,476	0,411	0,307	0,222	0,150	0,089	0,039
v_{κ}	911	866	825	785	745	706	627	551	470	373	248
B	1,014	0,918	0,831	0,751	0,677	0,606	0,482	0,374	0,273	0,176	0,082
$\Lambda_{\partial} \backslash P_m$	2200	2400	2600	2800	3000	3200	3600	4000	4400	4800	5200

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\phi}{\varphi q}}$$

$$\Delta = 0,38$$

Δ_{∂} \ / \ ρ_m	900	1000	1100	1200	1300	1400	1500	1600	1800	2000	2200	2400
1,0											990	1021
1,5									1115	1157	1189	1215
2,0								1204	1257	1293	1321	1343
2,5						1242	1278	1310	1359	1391	1416	1436
3,0						1329	1364	1393	1438	1467	1490	1508
3,5					1361	1401	1433	1459	1501	1529	1549	1567
4,0				1368	1422	1461	1490	1514	1554	1580	1599	1616
4,5				1423	1473	1509	1538	1561	1598	1623	1642	1657
5,0				1469	1516	1551	1579	1601	1636	1660	1679	1693
5,5				1508	1554	1588	1615	1636	1670	1693	1711	1725
6,0			1486	1543	1587	1621	1647	1667	1700	1723	1740	1754
6,5			1519	1575	1618	1651	1676	1695	1727	1749	1766	1779
7,0			1549	1604	1646	1678	1702	1721	1752	1773	1789	1802
7,5			1576	1630	1671	1702	1725	1744	1774	1794	1810	1823
8,0			1601	1654	1694	1724	1747	1766	1795	1814	1829	1841
9		1587	1649	1698	1736	1764	1786	1803	1831	1850	1865	1877
10		1628	1689	1736	1772	1798	1819	1835	1861	1880	1895	1907
11		1663	1723	1769	1803	1828	1848	1863	1888	1907	1922	1934
12		1694	1753	1797	1830	1855	1874	1889	1913	1932	1946	1957
13		1722	1779	1822	1854	1878	1897	1912	1936	1954	1967	1978
14		1748	1803	1845	1876	1899	1918	1933	1957	1974	1986	1997
15	1691	1771	1825	1865	1896	1919	1937	1952	1976	1992	2004	2015
16	1714	1792	1844	1884	1915	1937	1954	1969	1993	2008	2020	2031
17	1735	1812	1862	1901	1931	1953	1970	1985	2008	2023	2035	2045
18	1754	1831	1879	1917	1946	1968	1985	2000	2022	2037	2049	2058
19	1772	1848	1896	1933	1961	1982	1999	2014	2036	2050	2062	2071
20	1788	1864	1911	1946	1973	1994	2011	2026	2048	2063	2074	2083
Δ_K	14,44	8,212	5,514	3,967	3,020	2,436	2,022	1,719	1,317	1,064	0,895	0,769
v_K	1676	1550	1448	1362	1289	1226	1172	1126	1048	985	932	886
B	3,406	2,904	2,548	2,253	2,011	1,826	1,669	1,539	1,328	1,173	1,052	0,954
Δ_{∂} \ / \ ρ_m	900	1000	1100	1200	1300	1400	1500	1600	1800	2000	2200	2400

$\Delta = 0,38$

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$\Lambda_{\partial} \backslash p_m$	2400	2600	2800	3000	3200	3600	4000	4400	4800	5200	5600
1,0	1021	1048	1071	1092	1112	1146	1175	1200	1223	1245	1266
1,5	1215	1237	1256	1273	1289	1316	1340	1361	1381	1400	1417
2,0	1343	1361	1377	1392	1406	1431	1452	1471	1489	1505	1520
2,5	1436	1452	1466	1479	1491	1514	1534	1551	1567	1582	1596
3,0	1508	1524	1537	1549	1560	1581	1599	1615	1630	1644	1658
3,5	1567	1582	1594	1606	1616	1636	1653	1668	1682	1696	1708
4,0	1616	1630	1642	1653	1663	1682	1698	1712	1726	1739	1750
4,5	1657	1671	1683	1693	1703	1721	1736	1750	1763	1775	1786
5,0	1693	1707	1718	1728	1738	1755	1769	1783	1795	1806	1817
5,5	1725	1738	1749	1759	1768	1784	1798	1812	1823	1834	1845
6,0	1754	1766	1777	1786	1795	1810	1824	1837	1848	1859	1870
6,5	1779	1791	1801	1810	1819	1834	1848	1860	1871	1882	1892
7,0	1802	1813	1823	1832	1841	1856	1869	1881	1892	1903	1912
7,5	1823	1833	1843	1852	1861	1876	1888	1900	1911	1922	1931
8,0	1841	1852	1861	1870	1879	1893	1906	1918	1929	1939	1948
9	1877	1887	1895	1904	1912	1926	1939	1950	1960	1970	1979
10	1907	1917	1925	1933	1941	1955	1967	1978	1988	1997	2006
11	1934	1943	1951	1959	1967	1980	1992	2002	2012	2021	2030
12	1957	1966	1974	1982	1990	2002	2014	2024	2033	2042	2051
13	1978	1986	1994	2002	2010	2022	2034	2043	2052	2061	2069
14	1997	2005	2013	2021	2028	2040	2052	2061	2070	2078	2086
15	2015	2023	2031	2038	2044	2057	2068	2077	2086	2094	2101
16	2031	2039	2047	2054	2060	2072	2083	2092	2100	2108	2115
17	2045	2053	2061	2068	2075	2086	2096	2105	2113	2121	2128
18	2058	2066	2074	2081	2088	2099	2109	2118	2126	2133	2140
19	2071	2079	2086	2093	2100	2111	2121	2130	2138	2145	2152
20	2083	2091	2098	2105	2111	2122	2132	2141	2149	2156	2163
Λ_K	0,769	0,670	0,587	0,514	0,449	0,339	0,252	0,179	0,117	0,065	0,022
v_K	886	845	806	768	731	655	581	506	423	322	152
B	0,954	0,867	0,788	0,715	0,645	0,521	0,413	0,315	0,221	0,130	0,041
$\Lambda_{\partial} \backslash p_m$	2400	2600	2800	3000	3200	3600	4000	4400	4800	5200	5600

$$v_D = v_{\text{табл.}} \sqrt{\frac{\omega}{\varphi q}}$$

$$\Delta = 0,39$$

Δ_{∂} \ / \ p_m	900	1000	1100	1200	1300	1400	1500	1600	1800	2000	2200	2400
1,0	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	981	1014
1,5	1100	1100	1100	1100	1100	1100	1100	1100	1100	1147	1182	1210
2,0	1200	1200	1200	1200	1200	1200	1200	1191	1246	1285	1315	1338
2,5	1300	1300	1300	1300	1300	1300	1265	1299	1348	1384	1411	1432
3,0	1400	1400	1400	1400	1315	1352	1383	1428	1461	1485	1505	1505
3,5	1500	1500	1500	1343	1387	1422	1450	1493	1523	1546	1564	1564
4,0	1600	1600	1406	1457	1497	1527	1553	1590	1617	1638	1655	1655
4,5	1700	1601	1452	1502	1540	1569	1593	1628	1654	1675	1692	1692
5,0	1800	1701	1492	1541	1578	1606	1628	1662	1687	1707	1724	1724
6,0	1900	1801	1528	1576	1612	1639	1659	1693	1717	1736	1752	1752
6,5	2000	1901	1562	1607	1642	1668	1687	1721	1744	1762	1777	1777
7,0	2100	2001	1598	1643	1678	1704	1723	1757	1780	1797	1812	1812
7,5	2200	2101	1634	1679	1714	1740	1759	1793	1816	1833	1848	1848
8,0	2300	2201	1670	1715	1750	1776	1795	1829	1852	1869	1884	1884
9	2400	2301	1706	1751	1786	1812	1831	1865	1888	1905	1920	1920
10	2500	2401	1742	1787	1822	1848	1867	1901	1924	1941	1956	1956
11	2600	2501	1778	1823	1858	1884	1903	1937	1960	1977	1992	1992
12	2700	2601	1814	1859	1894	1920	1939	1973	1996	2013	2028	2028
13	2800	2701	1850	1895	1930	1956	1975	2009	2032	2049	2064	2064
14	2900	2801	1886	1931	1966	1992	2011	2045	2068	2085	2100	2100
15	3000	2901	1922	1967	2002	2028	2047	2081	2104	2121	2136	2136
16	3100	3001	1958	2003	2038	2064	2083	2117	2140	2157	2172	2172
17	3200	3101	1994	2039	2074	2100	2119	2153	2176	2193	2208	2208
18	3300	3201	2030	2075	2110	2136	2155	2189	2212	2229	2244	2244
19	3400	3301	2066	2111	2146	2172	2191	2225	2248	2265	2280	2280
20	3500	3401	2102	2147	2182	2208	2227	2261	2284	2301	2316	2316
Δ_R	17,24	9,370	6,108	4,372	3,314	2,643	2,186	1,848	1,407	1,130	0,945	0,811
v_R	1710	1580	1477	1390	1316	1252	1197	1150	1071	1006	951	904
B	3,544	3,010	2,633	2,335	2,090	1,894	1,731	1,597	1,379	1,219	1,091	0,988

$\Delta = 0,39$

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$\Lambda_{\partial} \backslash P_m$	2400	2600	2800	3000	3200	3600	4000	4400	4800	5200	5600	6000
1,0	1014	1042	1066	1087	1107	1141	1170	1195	1218	1239	1260	1280
1,5	1210	1232	1251	1269	1285	1313	1337	1358	1377	1395	1412	1429
2,0	1338	1357	1373	1388	1402	1428	1450	1469	1486	1502	1517	1531
2,5	1432	1449	1463	1476	1488	1511	1531	1548	1564	1579	1594	1608
3,0	1505	1522	1534	1546	1557	1578	1597	1612	1627	1642	1656	1669
3,5	1564	1580	1592	1603	1614	1634	1652	1666	1680	1694	1707	1718
4,0	1613	1628	1640	1651	1662	1681	1697	1711	1724	1737	1749	1759
4,5	1655	1669	1681	1691	1702	1720	1735	1749	1761	1773	1784	1794
5,0	1692	1705	1716	1726	1736	1754	1768	1782	1793	1805	1815	1825
5,5	1724	1737	1747	1757	1766	1783	1797	1811	1822	1833	1843	1853
6,0	1752	1764	1774	1784	1793	1809	1823	1836	1847	1858	1868	1878
6,5	1777	1789	1799	1809	1817	1833	1847	1859	1870	1881	1891	1900
7,0	1800	1811	1822	1831	1839	1855	1869	1881	1892	1902	1911	1920
7,5	1821	1832	1842	1851	1859	1875	1888	1900	1911	1921	1930	1939
8,0	1840	1851	1861	1870	1878	1893	1906	1917	1928	1938	1947	1956
9	1876	1886	1895	1904	1911	1926	1938	1949	1960	1969	1978	1986
10	1906	1916	1924	1933	1940	1954	1966	1977	1987	1996	2006	2013
11	1932	1942	1950	1958	1966	1979	1990	2001	2011	2020	2029	2037
12	1955	1965	1973	1981	1989	2001	2012	2022	2032	2041	2050	2058
13	1976	1986	1994	2002	2009	2021	2032	2041	2051	2060	2068	2076
14	1995	2005	2013	2020	2027	2039	2050	2059	2068	2077	2085	2092
15	2013	2022	2030	2037	2044	2056	2067	2076	2084	2092	2100	2107
16	2029	2038	2046	2053	2060	2072	2082	2091	2099	2106	2114	2121
17	2044	2053	2061	2068	2075	2086	2095	2104	2112	2119	2127	2134
18	2057	2066	2074	2081	2088	2099	2108	2117	2125	2132	2139	2146
19	2070	2079	2086	2093	2100	2111	2120	2129	2137	2144	2151	2157
20	2082	2091	2098	2105	2111	2122	2131	2140	2148	2155	2162	2168
Λ_K	0,811	0,708	0,623	0,549	0,482	0,371	0,281	0,206	0,143	0,090	0,045	0,007
v_K	904	863	825	789	753	681	610	539	464	379	274	53
B	0,988	0,901	0,823	0,751	0,682	0,558	0,450	0,355	0,265	0,178	0,093	0,010

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\epsilon q}}$$

$$\Delta = 0,40$$

ρ_m	1000	1100	1200	1300	1400	1500	1600	1800	2000	2200	2400	2600
1,0											1005	1033
1,5									1135	1174	1203	1227
2,0							1176	1235	1278	1309	1333	1352
2,5						1250	1284	1339	1377	1406	1428	1445
3,0					1300	1340	1370	1420	1455	1481	1502	1518
3,5					1375	1411	1439	1484	1517	1542	1561	1576
4,0				1390	1435	1469	1496	1538	1569	1593	1610	1625
4,5				1442	1485	1518	1544	1584	1613	1636	1652	1666
5,0			1436	1487	1528	1560	1585	1623	1651	1673	1689	1702
5,5			1477	1527	1566	1597	1621	1657	1684	1706	1721	1734
6,0			1514	1561	1600	1630	1653	1688	1714	1735	1749	1762
6,5			1546	1592	1630	1660	1682	1715	1740	1761	1774	1787
7,0		1518	1575	1620	1657	1687	1708	1740	1764	1784	1797	1810
7,5		1545	1601	1646	1682	1711	1732	1763	1787	1805	1819	1831
8,0		1570	1625	1670	1706	1732	1754	1784	1808	1825	1839	1850
9		1618	1671	1713	1746	1772	1792	1821	1842	1860	1874	1885
10		1658	1711	1751	1781	1805	1824	1853	1874	1891	1904	1915
11	1621	1693	1745	1784	1812	1834	1852	1881	1902	1919	1930	1941
12	1654	1725	1775	1812	1839	1860	1878	1906	1927	1943	1953	1964
13	1683	1753	1801	1836	1863	1884	1902	1929	1948	1964	1974	1985
14	1710	1777	1824	1858	1885	1905	1923	1949	1967	1983	1994	2004
15	1734	1799	1845	1878	1905	1925	1942	1968	1985	2001	2012	2021
16	1756	1820	1864	1896	1923	1943	1960	1985	2002	2017	2028	2037
17	1777	1839	1882	1913	1940	1960	1976	2001	2018	2032	2043	2051
18	1797	1857	1899	1930	1956	1976	1991	2016	2032	2046	2057	2065
19	1815	1874	1916	1946	1970	1990	2005	2029	2045	2059	2070	2078
20	1831	1891	1931	1961	1984	2003	2018	2041	2057	2071	2082	2090
$\Lambda_{\text{к}}$	10,74	6,790	4,794	3,634	2,876	2,359	1,994	1,504	1,206	1,005	0,859	0,751
$v_{\text{к}}$	1610	1505	1418	1343	1277	1220	1171	1091	1027	972	924	882
B	3,121	2,721	2,414	2,167	1,961	1,790	1,653	1,430	1,268	1,131	1,024	0,937

$\Delta = 0,40$

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

ρ_m Δ_{∂}	2600	2800	3000	3200	3600	4000	4400	4800	5200	5600	6000
1,0	1033	1057	1080	1100	1136	1165	1190	1212	1233	1254	1273
1,5	1227	1247	1265	1281	1310	1334	1354	1373	1391	1408	1425
2,0	1352	1369	1385	1399	1425	1447	1465	1482	1499	1514	1528
2,5	1445	1459	1472	1485	1508	1528	1545	1561	1576	1590	1604
3,0	1518	1530	1542	1554	1575	1594	1610	1625	1638	1651	1664
3,5	1576	1588	1600	1611	1631	1649	1664	1678	1690	1702	1714
4,0	1625	1637	1648	1659	1678	1695	1709	1722	1734	1745	1756
4,5	1666	1678	1689	1700	1718	1734	1747	1759	1771	1782	1792
5,0	1702	1713	1724	1735	1752	1768	1780	1792	1803	1814	1823
5,5	1734	1744	1755	1765	1782	1797	1809	1820	1831	1842	1851
6,0	1762	1772	1783	1792	1809	1823	1835	1846	1856	1867	1876
6,5	1787	1798	1808	1817	1833	1847	1859	1869	1879	1889	1898
7,0	1810	1821	1830	1839	1855	1869	1880	1890	1900	1909	1918
7,5	1831	1841	1850	1859	1874	1888	1899	1909	1919	1928	1937
8,0	1850	1860	1869	1868	1892	1906	1917	1927	1937	1946	1955
9	1885	1894	1902	1911	1925	1938	1949	1958	1967	1976	1985
10	1915	1924	1932	1940	1953	1965	1976	1985	1994	2003	2012
11	1941	1950	1958	1966	1978	1989	2000	2009	2018	2027	2036
12	1964	1973	1981	1988	2000	2011	2022	2031	2040	2048	2057
13	1985	1993	2001	2008	2020	2031	2042	2051	2059	2067	2075
14	2004	2011	2019	2026	2038	2049	2059	2068	2076	2083	2091
15	2021	2028	2036	2043	2055	2066	2075	2083	2091	2098	2106
16	2037	2044	2052	2059	2071	2081	2090	2097	2105	2112	2120
17	2051	2059	2066	2073	2085	2095	2104	2111	2119	2126	2134
18	2065	2073	2079	2086	2098	2108	2117	2124	2132	2139	2147
19	2078	2086	2092	2098	2110	2120	2129	2136	2144	2151	2158
20	2090	2098	2104	2119	2121	2131	2140	2147	2155	2162	2168
$\Delta_{\text{к}}$	0,751	0,662	0,585	0,517	0,402	0,309	0,233	0,170	0,117	0,071	0,030
$v_{\text{к}}$	882	844	809	775	706	638	570	500	424	335	200
B	0,937	0,861	0,788	0,720	0,597	0,487	0,394	0,307	0,223	0,141	0,061
Δ_{∂} ρ_m	2600	2800	3000	3200	3600	4000	4400	4800	5200	5600	6000

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$$\Delta = 0,41$$

ρ_m Δ_{∂}	1000	1100	1200	1300	1400	1500	1600	1800	2000	2200	2400	2600
1,0											996	1026
1,5									1125	1165	1197	1223
2,0								1225	1270	1303	1329	1350
2,5							1269	1330	1371	1401	1424	1443
3,0						1324	1357	1412	1449	1477	1498	1515
3,5					1357	1395	1427	1477	1512	1538	1558	1573
4,0				1374	1419	1454	1485	1532	1564	1589	1608	1622
4,5				1427	1470	1504	1533	1578	1608	1632	1650	1664
5,0				1473	1514	1547	1574	1617	1646	1669	1686	1700
5,5			1463	1512	1552	1584	1610	1651	1679	1701	1718	1732
6,0			1500	1547	1586	1617	1642	1681	1709	1730	1746	1760
6,5			1532	1579	1617	1647	1672	1709	1737	1757	1772	1785
7,0			1561	1607	1645	1675	1699	1734	1762	1781	1796	1808
7,5			1588	1633	1670	1700	1723	1758	1784	1803	1818	1829
8,0		1558	1614	1658	1694	1723	1745	1780	1804	1823	1838	1850
9		1602	1658	1701	1735	1762	1783	1817	1840	1858	1873	1884
10		1643	1698	1739	1771	1796	1816	1848	1871	1889	1903	1914
11		1679	1733	1773	1802	1826	1845	1876	1899	1916	1929	1940
12		1711	1764	1802	1829	1852	1872	1902	1924	1940	1952	1963
13	1661	1738	1790	1827	1854	1876	1895	1925	1946	1961	1973	1983
14	1688	1762	1813	1849	1876	1898	1916	1945	1965	1980	1992	2002
15	1713	1784	1833	1869	1896	1918	1936	1964	1983	1997	2009	2019
16	1736	1805	1852	1887	1914	1936	1954	1981	2000	2014	2025	2035
17	1757	1824	1870	1904	1931	1953	1970	1997	2016	2030	2041	2050
18	1777	1842	1887	1921	1947	1969	1985	2012	2030	2044	2055	2064
19	1795	1860	1904	1937	1963	1983	1999	2025	2043	2057	2068	2077
20	1811	1876	1920	1952	1977	1996	2012	2037	2055	2069	2080	2089
Δ_{κ}	12,52	7,570	5,267	3,974	3,136	2,579	2,172	1,606	1,280	1,065	0,907	0,788
v_{κ}	1643	1534	1444	1369	1304	1247	1196	1113	1047	991	943	901
B	3,234	2,812	2,495	2,245	2,037	1,865	1,721	1,482	1,310	1,170	1,060	0,969
Δ_{∂} ρ_m	1000	1100	1200	1300	1400	1500	1600	1800	2000	2200	2400	2600

$\Delta = 0,41$

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$\Lambda_{\partial} \backslash p_m$	2600	2800	3000	3200	3600	4000	4400	4800	5200	5600	6000
1,0	1026	1052	1075	1095	1131	1161	1187	1210	1231	1250	1268
1,5	1223	1245	1264	1279	1307	1331	1352	1371	1388	1404	1420
2,0	1350	1368	1383	1396	1422	1444	1463	1480	1496	1511	1525
2,5	1443	1459	1472	1483	1506	1526	1543	1559	1574	1588	1601
3,0	1515	1529	1542	1553	1574	1592	1608	1623	1637	1650	1663
3,5	1573	1586	1599	1610	1630	1647	1662	1676	1689	1701	1713
4,0	1622	1635	1647	1658	1677	1693	1707	1721	1732	1744	1755
4,5	1664	1677	1688	1698	1717	1733	1746	1759	1770	1781	1791
5,0	1700	1713	1724	1733	1752	1767	1779	1792	1803	1813	1822
5,5	1732	1744	1755	1764	1782	1796	1808	1820	1831	1841	1850
6,0	1760	1771	1782	1791	1808	1822	1834	1845	1856	1866	1875
6,5	1785	1796	1806	1815	1832	1846	1858	1868	1879	1889	1898
7,0	1808	1819	1829	1837	1853	1867	1878	1889	1899	1909	1918
7,5	1829	1840	1850	1858	1873	1886	1897	1908	1918	1928	1937
8,0	1850	1860	1869	1877	1892	1904	1915	1925	1935	1945	1954
9	1884	1894	1902	1910	1925	1937	1947	1957	1966	1975	1984
10	1914	1924	1932	1939	1953	1965	1975	1984	1993	2002	2010
11	1940	1950	1958	1964	1977	1989	1999	2008	2017	2026	2033
12	1963	1972	1980	1987	1999	2011	2021	2030	2039	2047	2054
13	1983	1992	2000	2007	2019	2031	2040	2049	2058	2066	2073
14	2002	2011	2019	2026	2038	2049	2058	2067	2075	2083	2090
15	2019	2028	2036	2043	2055	2066	2075	2083	2091	2098	2105
16	2035	2044	2052	2059	2071	2081	2090	2098	2105	2112	2119
17	2050	2059	2067	2074	2085	2094	2103	2111	2118	2125	2132
18	2064	2072	2080	2087	2098	2107	2116	2124	2131	2138	2145
19	2077	2085	2092	2099	2110	2119	2128	2136	2143	2150	2157
20	2089	2097	2104	2110	2121	2130	2139	2147	2154	2161	2167
Λ_{κ}	0,788	0,697	0,621	0,553	0,435	0,340	0,263	0,199	0,144	0,096	0,054
v_{κ}	901	863	828	795	729	663	599	533	464	389	299
B	0,969	0,890	0,818	0,751	0,629	0,522	0,429	0,344	0,264	0,186	0,109
$\Lambda_{\partial} \backslash p_m$	2600	2800	3000	3200	3600	4000	4400	4800	5200	5600	6000

$$v_{\theta} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$$\Delta = 0,42$$

$\Delta_{\theta} \backslash \rho_m$	1000	1100	1200	1300	1400	1500	1600	1800	2000	2200	2400	2600
1,0											984	1017
1,5									1113	1156	1189	1215
2,0								1212	1259	1294	1322	1344
2,5							1257	1319	1361	1392	1417	1437
3,0						1311	1346	1401	1440	1468	1491	1509
3,5					1345	1384	1417	1467	1503	1530	1551	1569
4,0					1405	1444	1476	1522	1556	1581	1602	1618
4,5				1413	1457	1495	1525	1569	1601	1625	1645	1661
5,0				1457	1502	1538	1567	1609	1640	1663	1682	1698
5,5				1497	1541	1575	1603	1644	1674	1696	1714	1730
6,0			1481	1533	1575	1608	1635	1675	1704	1725	1743	1758
6,5			1516	1566	1606	1638	1664	1703	1731	1752	1769	1783
7,0			1546	1595	1634	1665	1691	1729	1756	1776	1792	1806
7,5			1572	1621	1659	1690	1715	1752	1778	1798	1814	1827
8,0			1595	1644	1683	1714	1738	1773	1799	1818	1834	1847
9		1581	1643	1689	1725	1754	1776	1810	1835	1854	1869	1882
10		1623	1684	1728	1762	1788	1809	1843	1867	1885	1900	1912
11		1659	1719	1762	1794	1819	1839	1872	1895	1913	1926	1938
12		1691	1749	1791	1822	1846	1865	1897	1920	1937	1950	1961
13		1720	1775	1816	1846	1870	1889	1920	1942	1958	1971	1981
14		1745	1798	1838	1868	1892	1911	1941	1962	1977	1990	2000
15	1692	1768	1819	1858	1888	1912	1931	1960	1980	1995	2007	2017
16	1715	1789	1839	1877	1907	1930	1949	1977	1996	2012	2023	2033
17	1737	1809	1858	1895	1924	1947	1965	1993	2012	2027	2038	2048
18	1757	1828	1876	1911	1940	1963	1981	2008	2027	2041	2052	2062
19	1776	1845	1893	1927	1955	1977	1995	2021	2040	2054	2065	2075
20	1793	1862	1909	1942	1969	1991	2008	2034	2052	2066	2077	2087
Λ_{κ}	14,25	8,581	5,822	4,323	3,401	2,772	2,320	1,718	1,362	1,124	0,958	0,833
v_{κ}	1672	1561	1470	1394	1329	1271	1219	1133	1067	1011	962	919
B	3,340	2,908	2,580	2,319	2,106	1,926	1,776	1,537	1,359	1,220	1,105	1,009
$\Delta_{\theta} \backslash \rho_m$	1000	1100	1200	1300	1400	1500	1600	1800	2000	2200	2400	2600

$\Delta = 0,42$

$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$

$\Lambda_{\partial} \backslash \rho_m$	2600	2800	3000	3200	3600	4000	4400	4800	5200	5600	6000
1,0	1017	1044	1067	1088	1123	1156	1182	1205	1225	1244	1262
1,5	1215	1237	1256	1273	1302	1327	1348	1367	1385	1401	1416
2,0	1344	1362	1378	1392	1418	1441	1460	1477	1493	1508	1522
2,5	1437	1454	1468	1481	1504	1525	1542	1557	1571	1584	1597
3,0	1509	1525	1538	1550	1572	1591	1607	1621	1634	1646	1658
3,5	1569	1583	1595	1607	1628	1646	1660	1674	1685	1698	1709
4,0	1618	1632	1644	1654	1675	1692	1705	1719	1730	1742	1752
4,5	1661	1674	1686	1695	1715	1731	1744	1757	1768	1779	1789
5,0	1698	1710	1722	1731	1750	1765	1778	1790	1801	1811	1821
5,5	1730	1741	1753	1762	1780	1795	1808	1819	1829	1839	1849
6,0	1758	1769	1780	1789	1806	1822	1834	1844	1854	1864	1874
6,5	1783	1794	1804	1813	1830	1845	1857	1867	1877	1887	1896
7,0	1806	1817	1827	1835	1852	1866	1878	1888	1898	1908	1917
7,5	1827	1838	1848	1856	1872	1886	1898	1908	1918	1927	1935
8,0	1847	1858	1867	1875	1890	1903	1915	1925	1935	1944	1952
9	1882	1892	1901	1909	1923	1936	1947	1957	1966	1974	1983
10	1912	1922	1930	1938	1951	1964	1974	1984	1993	2001	2009
11	1938	1948	1956	1963	1976	1988	1998	2008	2017	2025	2032
12	1961	1970	1978	1985	1998	2010	2020	2029	2038	2046	2053
13	1981	1990	1998	2005	2018	2030	2040	2049	2057	2065	2072
14	2000	2009	2017	2024	2037	2048	2058	2067	2075	2082	2089
15	2017	2026	2034	2041	2054	2065	2074	2083	2091	2098	2105
16	2033	2042	2050	2057	2070	2081	2089	2098	2105	2112	2119
17	2048	2057	2065	2072	2085	2095	2103	2111	2118	2125	2132
18	2062	2071	2079	2086	2098	2108	2116	2124	2131	2138	2144
19	2075	2084	2091	2098	2110	2120	2128	2136	2143	2150	2156
20	2087	2095	2102	2109	2121	2131	2139	2147	2154	2161	2167
Λ_K	0,833	0,737	0,657	0,587	0,469	0,372	0,291	0,224	0,168	0,120	0,078
v_K	919	881	846	814	749	686	624	563	500	431	351
B	1,009	0,927	0,856	0,791	0,671	0,557	0,464	0,381	0,304	0,229	0,155
$\Lambda_{\partial} \backslash \rho_m$	2600	2800	3000	3200	3600	4000	4400	4800	5200	5600	6000

Т. Б. Р

$$v_{\theta} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$$\Delta = 0,43$$

Δ_{θ} \ / \ p_m	1000	1100	1200	1300	1400	1500	1600	1800	2000	2200	2400	2600
1,0												1008
1,5									1104	1145	1180	1209
2,0								1200	1252	1287	1316	1339
2,5								1308	1355	1386	1412	1433
3,0						1297	1334	1393	1434	1462	1487	1506
3,5						1371	1406	1459	1497	1524	1548	1565
4,0					1391	1431	1465	1515	1551	1577	1599	1615
4,5					1443	1482	1515	1563	1597	1622	1642	1658
5,0				1444	1489	1526	1558	1604	1636	1660	1679	1695
5,5				1484	1528	1564	1595	1639	1670	1693	1712	1727
6,0				1519	1563	1598	1627	1670	1700	1722	1741	1755
6,5			1498	1551	1594	1629	1656	1698	1727	1749	1767	1781
7,0			1529	1580	1622	1656	1683	1724	1752	1773	1790	1804
7,5			1557	1606	1647	1681	1708	1748	1775	1795	1811	1825
8,0			1581	1630	1671	1704	1731	1769	1795	1815	1831	1845
9			1626	1675	1714	1745	1770	1806	1832	1851	1867	1880
10		1602	1666	1715	1751	1780	1804	1838	1864	1883	1898	1910
11		1638	1702	1750	1784	1811	1833	1867	1892	1910	1925	1937
12		1671	1733	1780	1812	1838	1859	1893	1916	1934	1948	1960
13		1701	1760	1805	1837	1862	1883	1916	1938	1955	1969	1981
14		1728	1784	1827	1859	1884	1905	1937	1959	1975	1988	1999
15		1752	1806	1847	1879	1904	1925	1956	1978	1993	2006	2016
16		1774	1826	1866	1898	1922	1943	1973	1995	2010	2022	2032
17	1716	1794	1845	1884	1915	1939	1959	1989	2010	2025	2037	2047
18	1737	1813	1863	1901	1931	1955	1975	2004	2025	2039	2051	2061
19	1756	1830	1880	1917	1946	1970	1990	2018	2039	2053	2064	2074
20	1773	1847	1896	1933	1961	1984	2003	2031	2051	2065	2076	2086
Δ_{x0}	16,40	9,708	6,491	4,744	3,694	2,991	2,501	1,834	1,438	1,191	1,011	0,876
v_{x0}	1702	1589	1497	1421	1354	1294	1242	1154	1087	1031	982	938
B	3,450	3,008	2,670	2,400	2,180	1,992	1,831	1,584	1,400	1,259	1,142	1,045
Δ_{θ} \ / \ p_m	1000	1100	1200	1300	1400	1500	1600	1800	2000	2200	2400	2600

$\Delta = 0,43$

$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$

$\Delta_{\partial} \backslash P_m$	2600	2800	3000	3200	3600	4000	4400	4800	5200	5600	6000
1,0	1008	1036	1059	1079	1117	1149	1176	1199	1220	1240	1258
1,5	1209	1233	1252	1268	1298	1323	1345	1364	1382	1398	1414
2,0	1339	1359	1375	1389	1416	1439	1458	1475	1491	1506	1521
2,5	1433	1450	1464	1477	1501	1522	1540	1555	1569	1583	1596
3,0	1506	1522	1534	1547	1569	1588	1605	1619	1632	1645	1657
3,5	1565	1580	1592	1604	1625	1643	1659	1673	1685	1697	1708
4,0	1615	1629	1641	1652	1672	1689	1704	1718	1730	1741	1751
4,5	1658	1671	1683	1693	1712	1728	1743	1756	1768	1778	1788
5,0	1695	1708	1719	1729	1747	1762	1777	1789	1800	1810	1820
5,5	1727	1740	1750	1760	1777	1792	1806	1818	1828	1838	1848
6,0	1755	1768	1778	1787	1804	1819	1832	1844	1854	1863	1873
6,5	1781	1793	1803	1811	1828	1843	1856	1867	1877	1886	1896
7,0	1804	1815	1825	1833	1849	1864	1877	1888	1898	1907	1916
7,5	1825	1836	1846	1854	1870	1884	1896	1907	1917	1926	1934
8,0	1845	1856	1865	1873	1889	1903	1915	1925	1934	1943	1951
9	1880	1891	1900	1908	1922	1935	1947	1957	1965	1973	1981
10	1910	1920	1929	1937	1950	1963	1974	1984	1992	2000	2008
11	1937	1946	1954	1962	1975	1987	1998	2008	2016	2024	2032
12	1960	1969	1977	1984	1997	2009	2020	2029	2037	2045	2053
13	1981	1990	1998	2004	2017	2029	2039	2048	2056	2064	2072
14	1999	2008	2016	2023	2036	2047	2057	2066	2074	2081	2089
15	2016	2025	2033	2040	2053	2064	2074	2082	2090	2097	2104
16	2032	2041	2049	2056	2069	2080	2089	2097	2104	2111	2118
17	2047	2056	2064	2071	2083	2094	2103	2110	2117	2124	2131
18	2061	2070	2078	2085	2097	2107	2116	2123	2130	2137	2143
19	2074	2083	2091	2097	2109	2119	2128	2135	2142	2149	2155
20	2086	2095	2102	2108	2120	2130	2139	2146	2153	2160	2166
Λ_R	0,876	0,773	0,691	0,621	0,499	0,399	0,317	0,249	0,192	0,143	0,100
v_R	938	899	865	834	771	710	650	591	532	470	401
B	1,045	0,962	0,891	0,827	0,711	0,597	0,504	0,420	0,343	0,269	0,197
$\Delta_{\partial} \backslash P_m$	2600	2800	3000	3200	3600	4000	4400	4800	5200	5600	6000

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$$\Delta = 0,44$$

ρ_m	1000	1100	1200	1300	1400	1500	1600	1800	2000	2200	2400	2600
1,0												1000
1,5										1135	1173	1203
2,0								1188	1241	1279	1310	1335
2,5								1295	1345	1379	1407	1429
3,0							1320	1382	1426	1458	1483	1503
3,5						1357	1393	1450	1492	1522	1544	1563
4,0						1418	1453	1507	1546	1574	1595	1613
4,5					1431	1470	1503	1555	1592	1618	1639	1656
5,0					1476	1514	1546	1596	1632	1656	1677	1693
5,5				1470	1515	1553	1584	1632	1666	1690	1710	1725
6,0				1506	1550	1588	1617	1664	1696	1720	1739	1754
6,5				1538	1582	1619	1647	1692	1723	1747	1765	1780
7,0				1567	1611	1646	1674	1717	1748	1771	1789	1803
7,5			1539	1593	1637	1671	1698	1740	1770	1792	1810	1824
8,0			1566	1618	1661	1695	1721	1762	1791	1812	1829	1843
9			1609	1662	1704	1736	1762	1799	1827	1848	1864	1879
10			1649	1701	1741	1772	1796	1832	1859	1880	1895	1909
11			1685	1736	1774	1803	1826	1862	1888	1907	1922	1935
12		1652	1717	1766	1803	1830	1852	1888	1913	1931	1946	1958
13		1681	1745	1793	1829	1855	1876	1911	1935	1953	1967	1979
14		1708	1770	1816	1851	1877	1898	1932	1955	1973	1986	1998
15		1733	1793	1837	1871	1897	1918	1951	1974	1991	2004	2015
16		1756	1813	1856	1889	1915	1936	1968	1991	2008	2021	2031
17		1777	1832	1874	1906	1932	1953	1984	2007	2023	2036	2047
18		1796	1850	1891	1922	1948	1969	1999	2022	2038	2050	2061
19		1814	1867	1907	1938	1963	1983	2013	2036	2052	2064	2074
20	1751	1831	1884	1923	1953	1977	1996	2026	2048	2064	2076	2086
Λ_K	19,06	11,07	7,235	5,219	4,019	3,235	2,685	1,968	1,534	1,255	1,061	0,916
v_K	1730	1620	1525	1446	1378	1318	1265	1177	1109	1051	1000	955
B	3,560	3,108	2,758	2,480	2,252	2,060	1,898	1,641	1,449	1,302	1,181	1,080

$\Delta = 0,44$

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

ρ_m Λ_{∂}	2600	2800	3000	3200	3600	4000	4400	4800	5200	5600	6000
1,0	1000	1029	1054	1077	1113	1144	1171	1195	1216	1235	1253
1,5	1203	1228	1249	1268	1297	1322	1343	1362	1380	1396	1410
2,0	1335	1355	1373	1389	1415	1437	1456	1473	1489	1504	1517
2,5	1429	1447	1463	1477	1501	1521	1538	1554	1569	1583	1595
3,0	1503	1520	1534	1547	1569	1588	1604	1618	1632	1645	1657
3,5	1563	1579	1592	1605	1625	1643	1658	1672	1685	1697	1708
4,0	1613	1628	1641	1653	1672	1689	1704	1717	1729	1741	1751
4,5	1656	1670	1683	1694	1712	1728	1743	1755	1767	1778	1788
5,0	1693	1707	1719	1730	1747	1762	1777	1789	1800	1810	1820
5,5	1725	1739	1750	1761	1777	1792	1806	1818	1829	1838	1848
6,0	1754	1767	1777	1788	1804	1819	1832	1844	1854	1863	1872
6,5	1780	1792	1802	1812	1828	1843	1856	1867	1877	1886	1894
7,0	1803	1815	1825	1834	1850	1864	1877	1888	1898	1906	1914
7,5	1824	1836	1846	1855	1870	1884	1896	1907	1917	1925	1933
8,0	1843	1855	1865	1874	1889	1902	1914	1924	1934	1942	1950
9	1879	1890	1898	1908	1922	1935	1946	1956	1965	1973	1981
10	1909	1920	1928	1937	1951	1963	1974	1983	1992	2000	2008
11	1935	1945	1954	1962	1976	1987	1998	2007	2015	2023	2031
12	1958	1968	1977	1985	1998	2009	2019	2028	2036	2044	2052
13	1979	1989	1998	2006	2018	2029	2039	2047	2055	2063	2071
14	1998	2008	2016	2024	2036	2047	2057	2065	2073	2081	2088
15	2015	2025	2033	2041	2053	2064	2073	2081	2089	2097	2103
16	2031	2041	2049	2057	2069	2080	2089	2096	2104	2111	2117
17	2047	2056	2064	2072	2084	2094	2103	2110	2117	2124	2130
18	2061	2070	2078	2086	2098	2108	2116	2123	2130	2136	2142
19	2074	2083	2091	2098	2110	2120	2128	2135	2142	2148	2154
20	2086	2095	2102	2109	2121	2131	2139	2146	2153	2159	2165
Δ_{κ}	0,916	0,807	0,723	0,653	0,530	0,430	0,347	0,277	0,217	0,166	0,123
v_{κ}	955	915	880	849	789	731	674	617	561	503	440
B	1,080	0,994	0,921	0,838	0,743	0,630	0,537	0,455	0,378	0,306	0,239

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$$\Delta = 0,45$$

ρ_m Λ_{∂}	1100	1200	1300	1400	1500	1600	1800	2000	2200	2400	2600
1,0											991
1,5									1126	1164	1196
2,0								1231	1271	1304	1330
2,5							1284	1337	1373	1401	1424
3,0						1307	1373	1420	1452	1477	1498
3,5					1344	1381	1443	1485	1515	1539	1559
4,0					1407	1441	1500	1539	1568	1591	1610
4,5				1418	1459	1492	1548	1585	1613	1635	1653
5,0				1464	1503	1536	1589	1625	1652	1673	1690
5,5				1503	1542	1574	1625	1660	1686	1706	1723
6,0			1490	1538	1577	1607	1657	1691	1716	1736	1752
6,5			1522	1570	1608	1637	1686	1719	1743	1762	1778
7,0			1553	1599	1633	1664	1712	1744	1767	1786	1801
7,5			1579	1625	1662	1689	1735	1766	1789	1807	1822
8,0			1602	1649	1686	1713	1757	1787	1809	1827	1842
9		1593	1647	1692	1727	1754	1795	1824	1845	1862	1876
10		1633	1687	1730	1763	1789	1828	1856	1876	1893	1906
11		1669	1722	1764	1795	1819	1857	1884	1903	1920	1933
12		1702	1753	1793	1823	1846	1883	1910	1928	1944	1957
13	1662	1732	1781	1818	1848	1870	1906	1931	1950	1965	1978
14	1690	1757	1805	1840	1870	1892	1927	1951	1970	1985	1997
15	1715	1779	1826	1860	1890	1912	1946	1971	1989	2003	2015
16	1738	1799	1845	1879	1908	1930	1964	1988	2006	2019	2031
17	1759	1818	1863	1897	1925	1947	1980	2003	2022	2035	2046
18	1779	1836	1880	1914	1941	1963	1995	2018	2036	2049	2060
19	1797	1853	1896	1930	1956	1977	2009	2032	2049	2062	2073
20	1814	1870	1912	1945	1971	1990	2022	2044	2061	2074	2085
Λ_K	12,59	8,110	5,760	4,360	3,492	2,894	2,103	1,626	1,329	1,120	0,968
v_K	1646	1552	1472	1402	1341	1288	1198	1126	1067	1017	973
B	3,201	2,847	2,561	2,324	2,125	1,964	1,695	1,496	1,345	1,221	1,117
Λ_{∂} ρ_m	1100	1200	1300	1400	1500	1600	1800	2000	2200	2400	2600

$\Delta = 0,45$

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$\Lambda_{\partial} \backslash p_m$	2600	2800	3000	3200	3600	4000	4400	4800	5200	5600	6000
1,0	991	1021	1047	1068	1106	1138	1166	1191	1213	1232	1250
1,5	1196	1222	1243	1261	1291	1317	1339	1358	1376	1392	1407
2,0	1330	1351	1368	1381	1409	1433	1453	1471	1487	1500	1514
2,5	1424	1445	1460	1472	1497	1518	1537	1553	1567	1579	1592
3,0	1498	1518	1532	1544	1566	1586	1604	1618	1631	1643	1655
3,5	1559	1577	1590	1602	1623	1642	1659	1672	1684	1696	1707
4,0	1610	1626	1639	1650	1670	1688	1704	1717	1729	1740	1750
4,5	1653	1668	1681	1691	1710	1727	1743	1755	1767	1777	1787
5,0	1690	1705	1717	1727	1745	1761	1776	1788	1800	1809	1819
5,5	1723	1737	1749	1758	1776	1791	1805	1817	1828	1837	1847
6,0	1752	1766	1777	1786	1803	1818	1831	1843	1853	1862	1872
6,5	1778	1791	1802	1810	1827	1842	1855	1866	1876	1885	1894
7,0	1801	1814	1825	1832	1849	1863	1876	1887	1897	1906	1914
7,5	1822	1835	1845	1853	1869	1882	1895	1906	1916	1925	1933
8,0	1842	1854	1864	1872	1888	1901	1914	1924	1934	1943	1951
9	1876	1888	1898	1906	1921	1934	1946	1956	1965	1974	1982
10	1906	1918	1927	1935	1949	1962	1973	1983	1992	2001	2008
11	1933	1944	1953	1961	1974	1987	1997	2007	2016	2025	2031
12	1957	1967	1976	1984	1997	2009	2019	2028	2037	2046	2052
13	1978	1988	1996	2004	2017	2029	2039	2047	2056	2065	2071
14	1997	2007	2015	2022	2035	2047	2057	2065	2073	2082	2088
15	2015	2024	2032	2039	2052	2064	2073	2081	2089	2097	2103
16	2031	2040	2048	2055	2068	2079	2088	2096	2104	2111	2117
17	2046	2055	2063	2070	2083	2093	2102	2110	2118	2124	2130
18	2060	2069	2077	2084	2096	2106	2115	2123	2131	2137	2143
19	2073	2082	2090	2097	2108	2118	2127	2135	2143	2149	2155
20	2085	2094	2102	2108	2119	2129	2138	2146	2154	2160	2166
Δ_x	0,968	0,850	0,759	0,683	0,562	0,460	0,374	0,302	0,242	0,191	0,146
v_x	973	934	899	867	809	752	696	642	589	535	478
B	1,117	1,028	0,953	0,890	0,772	0,667	0,573	0,489	0,414	0,344	0,278
$\Lambda_{\partial} \backslash p_m$	2600	2800	3000	3200	3600	4000	4400	4800	5200	5600	6000

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$$\Delta = 0,46$$

ρ_m / Δ_{∂}	1100	1200	1300	1400	1500	1600	1800	2000	2200	2400	2600
1,0											
1,5									1115	1155	1189
2,0								1220	1264	1298	1325
2,5							1272	1328	1366	1396	1420
3,0							1361	1411	1446	1473	1495
3,5						1367	1432	1477	1510	1536	1555
4,0					1391	1429	1491	1532	1563	1588	1606
4,5					1444	1481	1540	1579	1608	1632	1650
5,0				1448	1490	1525	1581	1619	1647	1670	1688
5,5				1489	1530	1563	1617	1654	1681	1703	1721
6,0				1525	1565	1597	1649	1685	1711	1732	1750
6,5			1506	1557	1596	1628	1677	1713	1738	1758	1776
7,0			1535	1585	1624	1655	1703	1738	1763	1782	1799
7,5			1562	1611	1649	1680	1727	1761	1785	1804	1820
8,0			1589	1635	1673	1703	1749	1782	1806	1824	1839
9			1632	1678	1715	1744	1788	1819	1841	1859	1874
10		1615	1672	1717	1751	1780	1822	1852	1872	1890	1904
11		1651	1707	1751	1784	1811	1851	1880	1900	1917	1931
12		1683	1738	1781	1813	1838	1877	1905	1925	1941	1955
13		1712	1765	1807	1838	1862	1900	1927	1947	1963	1977
14		1738	1790	1830	1860	1884	1921	1947	1967	1983	1996
15	1693	1762	1812	1850	1880	1904	1940	1966	1985	2001	2013
16	1715	1784	1832	1869	1898	1922	1958	1983	2002	2017	2029
17	1736	1804	1850	1886	1915	1939	1974	1999	2018	2032	2044
18	1756	1823	1868	1903	1931	1955	1989	2014	2033	2047	2058
19	1775	1840	1885	1919	1946	1970	2004	2028	2046	2060	2071
20	1793	1857	1902	1935	1961	1984	2018	2041	2058	2072	2083
Λ_{κ}	14,33	9,156	6,363	4,748	3,770	3,109	2,259	1,740	1,403	1,182	1,018
v_{κ}	1677	1580	1497	1426	1365	1311	1220	1146	1086	1036	992
B	3,307	2,942	2,646	2,403	2,201	2,029	1,752	1,546	1,389	1,261	1,154
Δ_{∂} / ρ_m	1100	1200	1300	1400	1500	1600	1800	2000	2200	2400	2600

$$\Delta = 0,46$$

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$\Lambda_{\partial} \backslash p_m$	2600	2800	3000	3200	3600	4000	4400	4800	5200	5600	6000
1,0		1012	1040	1062	1101	1134	1162	1187	1209	1229	1247
1,5	1189	1216	1238	1256	1288	1314	1337	1356	1373	1389	1404
2,0	1325	1347	1365	1381	1409	1431	1451	1469	1485	1500	1513
2,5	1420	1440	1457	1471	1496	1517	1536	1552	1566	1579	1591
3,0	1495	1513	1529	1542	1565	1585	1602	1617	1630	1643	1655
3,5	1555	1573	1588	1600	1622	1641	1657	1671	1683	1696	1707
4,0	1606	1623	1637	1649	1670	1688	1703	1716	1728	1740	1750
4,5	1650	1666	1679	1690	1710	1727	1742	1754	1766	1777	1787
5,0	1688	1703	1715	1726	1745	1761	1775	1787	1799	1809	1819
5,5	1721	1735	1747	1757	1775	1790	1804	1816	1827	1837	1847
6,0	1750	1763	1775	1785	1802	1816	1830	1842	1852	1862	1871
6,5	1776	1789	1800	1810	1827	1840	1853	1865	1875	1885	1893
7,0	1799	1812	1823	1832	1849	1862	1874	1886	1896	1906	1914
7,5	1820	1833	1844	1853	1869	1882	1894	1906	1916	1925	1933
8,0	1839	1852	1863	1872	1888	1901	1913	1924	1934	1943	1950
9	1874	1887	1897	1906	1951	1934	1946	1956	1965	1973	1981
10	1904	1917	1926	1935	1950	1962	1973	1983	1992	2000	2008
11	1931	1943	1952	1961	1975	1987	1997	2007	2016	2024	2031
12	1955	1966	1975	1984	1997	2009	2019	2029	2037	2045	2052
13	1977	1987	1996	2004	2017	2029	2039	2048	2056	2064	2071
14	1996	2006	2015	2022	2035	2047	2057	2066	2074	2081	2088
15	2013	2023	2032	2039	2052	2063	2073	2082	2090	2097	2104
16	2029	2039	2048	2055	2068	2078	2088	2096	2104	2111	2118
17	2044	2054	2063	2070	2083	2093	2102	2110	2117	2124	2131
18	2058	2068	2077	2084	2096	2106	2115	2123	2130	2137	2143
19	2071	2081	2089	2096	2108	2118	2127	2135	2142	2149	2155
20	2083	2092	2100	2107	2119	2129	2138	2146	2153	2160	2166
Δ_K	1,018	0,893	0,794	0,715	0,590	0,487	0,401	0,329	0,267	0,214	0,169
v_K	992	952	916	884	826	771	718	666	615	564	512
B	1,154	1,063	0,986	0,920	0,802	0,699	0,606	0,522	0,447	0,378	0,314
$\Lambda_{\partial} \backslash p_m$	2600	2800	3000	3200	3600	4000	4400	4800	5200	5600	6000

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$$\Delta = 0,47$$

ρ_m Δ_{∂}	1100	1200	1300	1400	1500	1600	1800	2000	2200	2400	2600
1,0											
1,5									1106	1146	1181
2,0								1208	1254	1290	1319
2,5							1260	1317	1358	1390	1416
3,0							1349	1401	1439	1468	1492
3,5						1355	1420	1469	1504	1531	1553
4,0						1416	1479	1525	1558	1583	1604
4,5					1431	1468	1529	1572	1603	1627	1647
5,0					1477	1513	1572	1612	1642	1665	1684
5,5				1474	1517	1552	1609	1647	1676	1698	1717
6,0				1510	1552	1587	1641	1679	1707	1728	1746
6,5				1542	1583	1617	1670	1707	1734	1755	1772
7,0				1571	1611	1644	1696	1732	1759	1779	1796
7,5			1547	1597	1637	1670	1720	1755	1781	1801	1818
8,0			1573	1621	1661	1694	1743	1777	1802	1821	1837
9			1618	1665	1704	1735	1781	1814	1837	1856	1872
10			1658	1705	1742	1771	1814	1846	1869	1887	1903
11		1635	1694	1740	1775	1802	1843	1874	1897	1915	1930
12		1668	1726	1770	1804	1830	1870	1900	1922	1939	1954
13		1697	1753	1796	1829	1855	1894	1923	1945	1961	1975
14		1723	1777	1819	1851	1877	1915	1944	1965	1981	1994
15		1747	1800	1840	1871	1896	1934	1963	1983	1999	2012
16		1770	1820	1858	1889	1914	1952	1980	2000	2016	2028
17	1717	1790	1838	1876	1906	1931	1969	1996	2016	2032	2043
18	1737	1808	1856	1893	1922	1947	1985	2011	2030	2046	2057
19	1756	1825	1873	1909	1938	1962	1999	2025	2043	2059	2070
20	1775	1842	1889	1925	1953	1976	2012	2037	2056	2071	2083
Δ_{κ}	16,35	10,33	7,054	5,223	4,092	3,348	2,408	1,846	1,489	1,241	1,066
v_{κ}	1704	1607	1523	1451	1389	1334	1239	1165	1104	1054	1009
B	3,407	3,029	2,725	2,479	2,273	2,097	1,812	1,600	1,437	1,304	1,193
Δ_{∂} ρ_m	1100	1200	1300	1400	1500	1600	1800	2000	2200	2400	2600

$\Delta = 0,47$

$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\Phi q}}$

Λ_{∂} \ / \ p_m	2600	2800	3000	3200	3600	4000	4400	4800	5200	5600	6000
1,0		1004	1033	1057	1096	1129	1158	1184	1206	1226	1243
1,5	1181	1209	1233	1252	1284	1310	1333	1353	1371	1387	1402
2,0	1319	1342	1363	1378	1406	1429	1449	1467	1483	1498	1510
2,5	1416	1438	1455	1469	1494	1516	1534	1550	1564	1577	1588
3,0	1492	1512	1528	1541	1564	1584	1601	1617	1629	1642	1652
3,5	1553	1571	1587	1599	1621	1640	1656	1671	1683	1695	1705
4,0	1604	1621	1636	1648	1669	1686	1702	1716	1728	1739	1749
4,5	1647	1664	1678	1689	1709	1725	1741	1754	1766	1776	1786
5,0	1684	1701	1714	1725	1744	1759	1774	1787	1799	1808	1818
5,5	1717	1733	1745	1756	1774	1789	1803	1816	1827	1836	1846
6,0	1746	1761	1773	1784	1801	1816	1829	1842	1852	1861	1871
6,5	1772	1786	1798	1809	1826	1840	1853	1865	1875	1884	1893
7,0	1796	1810	1822	1832	1848	1862	1875	1886	1896	1905	1914
7,5	1818	1832	1843	1853	1869	1882	1895	1906	1916	1925	1933
8,0	1837	1851	1862	1872	1888	1901	1913	1924	1934	1943	1951
9	1872	1886	1896	1905	1921	1934	1946	1956	1966	1973	1981
10	1903	1916	1926	1935	1950	1962	1974	1984	1993	2000	2008
11	1930	1942	1952	1961	1975	1987	1998	2008	2017	2025	2032
12	1954	1965	1975	1983	1997	2009	2019	2029	2038	2046	2053
13	1975	1986	1996	2004	2017	2029	2038	2048	2057	2065	2072
14	1994	2005	2014	2022	2035	2047	2056	2065	2074	2082	2089
15	2012	2022	2031	2039	2052	2063	2073	2081	2089	2097	2104
16	2028	2038	2047	2055	2067	2078	2088	2096	2104	2111	2118
17	2043	2053	2062	2070	2082	2093	2102	2110	2118	2125	2131
18	2057	2067	2076	2084	2096	2106	2115	2123	2130	2137	2143
19	2070	2080	2088	2096	2108	2118	2127	2135	2142	2149	2155
20	2083	2092	2100	2107	2119	2129	2138	2146	2153	2160	2166
Λ_K	1,066	0,934	0,831	0,748	0,620	0,516	0,429	0,355	0,292	0,239	0,194
v_K	1009	969	933	901	844	791	740	689	639	590	542
B	1,193	1,096	1,017	0,949	0,832	0,730	0,638	0,555	0,480	0,412	0,349
Λ_{∂} \ / \ p_m	2600	2800	3000	3200	3600	4000	4400	4800	5200	5600	6000

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$\Delta = 0,48$

ρ_m	1100	1200	1300	1400	1500	1600	1800	2000	2200	2400	2600
Δ_{∂}											
1,0											
1,5										1136	1172
2,0								1195	1244	1282	1312
2,5								1307	1351	1384	1410
3,0							1337	1393	1433	1463	1487
3,5							1410	1461	1498	1526	1549
4,0						1404	1469	1517	1552	1579	1601
4,5					1418	1456	1519	1564	1598	1623	1644
5,0					1464	1501	1562	1605	1637	1661	1681
5,5					1505	1541	1600	1641	1671	1695	1714
6,0				1497	1541	1576	1633	1673	1702	1725	1743
6,5				1529	1573	1607	1662	1701	1730	1752	1769
7,0				1558	1601	1634	1689	1727	1755	1776	1793
7,5				1584	1626	1659	1713	1750	1777	1798	1815
8,0			1557	1608	1650	1683	1736	1771	1798	1819	1835
9			1602	1652	1693	1725	1775	1809	1834	1854	1870
10			1643	1691	1731	1762	1809	1842	1866	1886	1901
11			1679	1726	1765	1794	1839	1870	1894	1913	1928
12		1650	1711	1757	1794	1822	1865	1895	1919	1937	1951
13		1679	1739	1784	1820	1847	1889	1918	1941	1959	1972
14		1705	1764	1808	1842	1869	1910	1939	1961	1978	1991
15		1729	1787	1829	1862	1889	1930	1958	1979	1996	2009
16		1751	1808	1848	1881	1907	1948	1975	1996	2013	2026
17		1772	1827	1866	1898	1924	1964	1991	2012	2028	2041
18		1791	1845	1883	1914	1940	1979	2006	2026	2042	2055
19	1734	1809	1862	1900	1930	1955	1993	2020	2040	2056	2068
20	1752	1826	1878	1916	1946	1970	2007	2033	2053	2069	2081
Δ_R	18,88	11,62	7,892	5,761	4,456	3,624	2,586	1,973	1,575	1,215	1,126
v_R	1732	1634	1550	1477	1413	1357	1260	1184	1123	1071	1026
B	3,520	3,123	2,806	2,554	2,342	2,162	1,867	1,649	1,481	1,345	1,231
Δ_{∂}											
ρ_m	1100	1200	1300	1400	1500	1600	1800	2000	2200	2400	2600

$\Delta = 0,48$

$V_{\partial} = V_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$

$\Lambda_{\partial} \backslash P_m$	2600	2800	3000	3200	3600	4000	4400	4800	5200	5600	6000
1,0		995	1023	1043	1088	1123	1153	1179	1202	1222	1241
1,5	1172	1202	1226	1246	1279	1306	1329	1349	1368	1385	1401
2,0	1312	1337	1357	1374	1403	1426	1446	1464	1481	1496	1510
2,5	1410	1432	1450	1466	1492	1513	1531	1548	1563	1576	1588
3,0	1487	1506	1524	1538	1562	1581	1599	1614	1629	1640	1651
3,5	1549	1567	1584	1597	1619	1637	1654	1669	1683	1694	1704
4,0	1601	1618	1634	1646	1667	1683	1700	1715	1728	1739	1749
4,5	1644	1661	1676	1687	1707	1723	1739	1753	1766	1777	1787
5,0	1681	1698	1712	1723	1742	1758	1773	1786	1798	1809	1819
5,5	1714	1730	1743	1754	1773	1788	1802	1815	1826	1837	1846
6,0	1743	1758	1771	1782	1800	1815	1828	1840	1851	1861	1870
6,5	1769	1784	1796	1807	1824	1839	1852	1863	1873	1883	1892
7,0	1793	1807	1819	1829	1846	1861	1874	1885	1895	1904	1913
7,5	1815	1829	1840	1850	1866	1881	1894	1905	1915	1924	1932
8,0	1835	1848	1859	1869	1885	1900	1913	1924	1934	1943	1951
9	1870	1883	1894	1903	1919	1933	1945	1955	1965	1973	1981
10	1901	1913	1924	1933	1948	1961	1973	1983	1992	2000	2008
11	1928	1940	1950	1959	1973	1986	1998	2008	2016	2024	2032
12	1951	1963	1973	1982	1996	2008	2019	2029	2037	2045	2053
13	1972	1984	1994	2003	2016	2028	2038	2048	2056	2064	2071
14	1991	2003	2012	2022	2034	2046	2056	2065	2073	2081	2088
15	2009	2021	2029	2039	2051	2063	2072	2081	2089	2097	2104
16	2026	2037	2045	2055	2067	2078	2087	2096	2104	2111	2118
17	2041	2052	2061	2070	2082	2092	2101	2109	2117	2124	2131
18	2055	2066	2075	2084	2095	2105	2114	2122	2130	2137	2143
19	2068	2079	2087	2096	2107	2117	2126	2134	2142	2149	2155
20	2081	2091	2100	2108	2118	2128	2137	2145	2153	2160	2166
Λ_K	1,126	0,984	0,873	0,781	0,647	0,542	0,455	0,381	0,318	0,264	0,217
V_K	1026	986	950	917	860	808	759	710	662	615	568
B	1,231	1,135	1,055	0,986	0,867	0,765	0,673	0,590	0,514	0,445	0,381

$\Lambda_{\partial} \backslash P_m$	2600	2800	3000	3200	3600	4000	4400	4800	5200	5600	6000
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$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$$\Delta = 0,49$$

Λ_{∂} \ / \ ρ_m	1200	1300	1400	1500	1600	1800	2000	2200	2400	2600	2800
1,0											
1,5									1130	1166	1196
2,0								1236	1275	1307	1333
2,5							1295	1344	1378	1405	1428
3,0						1325	1382	1426	1457	1483	1503
3,5						1399	1452	1493	1523	1546	1564
4,0					1392	1459	1509	1547	1575	1598	1615
4,5					1445	1509	1557	1592	1619	1642	1658
5,0				1448	1490	1552	1598	1632	1658	1680	1695
5,5				1489	1529	1590	1634	1667	1692	1713	1728
6,0				1525	1564	1623	1666	1698	1722	1742	1757
6,5			1509	1558	1595	1653	1695	1726	1749	1768	1783
7,0			1539	1587	1623	1680	1721	1751	1773	1791	1806
7,5			1566	1613	1649	1704	1744	1773	1795	1813	1827
8,0			1590	1636	1672	1727	1766	1794	1816	1833	1847
9		1581	1635	1679	1715	1768	1805	1831	1851	1867	1881
10		1623	1676	1718	1752	1803	1838	1863	1882	1898	1911
11		1660	1712	1752	1784	1833	1867	1891	1910	1925	1938
12		1693	1743	1782	1812	1860	1892	1916	1935	1949	1962
13		1721	1770	1808	1837	1884	1915	1939	1957	1971	1983
14	1683	1746	1793	1830	1859	1905	1935	1959	1976	1990	2002
15	1707	1769	1814	1850	1879	1924	1954	1977	1994	2008	2019
16	1729	1791	1834	1869	1898	1942	1972	1994	2011	2024	2035
17	1750	1811	1853	1887	1916	1959	1988	2010	2026	2039	2050
18	1770	1830	1871	1904	1932	1974	2003	2024	2040	2053	2064
19	1790	1848	1888	1920	1948	1989	2017	2038	2054	2067	2078
20	1809	1865	1904	1936	1963	2003	2030	2051	2067	2080	2090
Λ_{κ}	13,19	8,819	6,427	4,927	3,936	2,766	2,095	1,672	1,383	1,176	1,029
v_{κ}	1662	1577	1504	1440	1383	1284	1206	1143	1090	1044	1004
B	3,233	2,914	2,650	2,426	2,233	1,926	1,699	1,523	1,384	1,268	1,171
Λ_{∂} \ / \ ρ_m	1200	1300	1400	1500	1600	1800	2000	2200	2400	2600	2800

$$\Delta = 0,49$$

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$\Delta_{\partial} \backslash p_m$	2800	3000	3200	3600	4000	4400	4800	5200	5600	6000
1,0		1015	1041	1084	1119	1148	1174	1197	1218	1237
1,5	1196	1221	1242	1276	1304	1327	1347	1365	1382	1398
2,0	1333	1354	1372	1401	1425	1445	1463	1479	1495	1509
2,5	1428	1447	1463	1490	1511	1530	1546	1561	1575	1588
3,0	1503	1520	1536	1560	1580	1598	1613	1628	1640	1652
3,5	1564	1580	1595	1618	1637	1654	1668	1682	1693	1704
4,0	1615	1630	1644	1666	1684	1699	1714	1727	1738	1748
4,5	1658	1673	1686	1707	1724	1738	1753	1765	1776	1786
5,0	1695	1710	1722	1742	1758	1772	1786	1798	1808	1818
5,5	1728	1742	1753	1772	1788	1802	1815	1826	1836	1846
6,0	1757	1770	1781	1799	1815	1828	1841	1851	1861	1870
6,5	1783	1795	1806	1824	1839	1852	1864	1874	1883	1892
7,0	1806	1818	1829	1846	1860	1873	1885	1895	1904	1913
7,5	1827	1839	1849	1866	1880	1893	1905	1915	1924	1932
8,0	1847	1858	1868	1885	1899	1912	1923	1933	1942	1950
9	1881	1892	1902	1919	1932	1945	1955	1964	1973	1981
10	1911	1922	1932	1949	1961	1974	1983	1993	2000	2008
11	1938	1949	1958	1974	1986	1998	2007	2018	2024	2032
12	1962	1973	1982	1996	2007	2019	2028	2039	2045	2053
13	1983	1994	2002	2015	2026	2038	2047	2057	2064	2071
14	2002	2012	2020	2033	2044	2055	2064	2074	2081	2088
15	2019	2029	2037	2050	2061	2071	2080	2090	2097	2104
16	2035	2045	2053	2066	2077	2087	2096	2104	2111	2118
17	2050	2060	2068	2081	2092	2101	2110	2117	2124	2131
18	2064	2074	2082	2094	2105	2114	2122	2130	2137	2144
19	2078	2087	2095	2106	2117	2126	2134	2142	2149	2155
20	2090	2098	2106	2118	2128	2137	2145	2153	2160	2166
$\Delta_{\text{к}}$	1,029	0,912	0,818	0,676	0,570	0,482	0,407	0,342	0,286	0,238
$v_{\text{к}}$	1004	968	934	877	826	778	731	685	639	594
B	1,171	1,089	1,018	0,897	0,796	0,705	0,623	0,548	0,479	0,415
$\Delta_{\partial} \backslash p_m$	2800	3000	3200	3600	4000	4400	4800	5200	5600	6000

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$$\Delta = 0,50$$

$\rho_m \backslash \Lambda_{\partial}$	1200	1300	1400	1500	1600	1800	2000	2200	2400	2600	2800
1,0											
1,5									1118	1156	1187
2,0								1226	1266	1299	1326
2,5							1285	1334	1371	1400	1424
3,0						1314	1372	1417	1451	1479	1500
3,5						1388	1442	1484	1515	1542	1562
4,0						1449	1500	1540	1568	1594	1614
4,5					1432	1500	1549	1587	1613	1637	1657
5,0					1479	1544	1591	1627	1652	1674	1693
5,5				1476	1519	1582	1628	1662	1687	1707	1725
6,0				1514	1554	1615	1660	1693	1718	1737	1754
6,5				1547	1585	1644	1688	1720	1745	1764	1780
7,0				1575	1613	1671	1714	1745	1769	1788	1804
7,5			1552	1600	1638	1696	1738	1768	1791	1810	1825
8,0			1577	1623	1661	1720	1761	1790	1812	1830	1845
9			1621	1665	1702	1759	1798	1825	1847	1864	1879
10		1608	1660	1703	1739	1794	1831	1857	1878	1895	1909
11		1645	1695	1737	1772	1825	1860	1886	1906	1922	1935
12		1678	1727	1768	1801	1852	1886	1912	1931	1946	1959
13		1707	1755	1795	1827	1876	1909	1934	1953	1967	1980
14		1733	1780	1819	1850	1898	1930	1954	1972	1986	1999
15		1757	1803	1841	1871	1918	1949	1972	1990	2004	2017
16	1711	1779	1824	1861	1890	1936	1967	1989	2007	2021	2033
17	1732	1799	1843	1879	1908	1953	1984	2005	2022	2036	2048
18	1752	1818	1861	1896	1925	1969	1999	2020	2036	2050	2062
19	1771	1835	1878	1912	1940	1984	2013	2034	2050	2064	2075
20	1790	1852	1894	1927	1954	1997	2026	2047	2063	2077	2088
Λ_R	15,00	9,851	7,066	5,362	4,265	2,969	2,242	1,774	1,465	1,244	1,081
v_R	1690	1602	1528	1464	1407	1305	1225	1160	1106	1060	1020
B	3,324	2,991	2,726	2,500	2,306	1,988	1,755	1,574	1,432	1,313	1,213
$\Lambda_{\partial} \backslash \rho_m$	1200	1300	1400	1500	1600	1800	2000	2200	2400	2600	2800

$\Delta = 0,50$

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$\Delta_{\partial} \backslash p_m$	2800	3000	3200	3600	4000	4400	4800	5200	5600	6000
1,0		1006	1033	1078	1113	1143	1169	1193	1214	1233
1,5	1187	1213	1236	1271	1300	1324	1345	1364	1381	1396
2,0	1326	1349	1369	1397	1421	1442	1461	1478	1493	1507
2,5	1424	1444	1462	1486	1508	1527	1544	1560	1574	1587
3,0	1500	1518	1534	1557	1578	1596	1611	1626	1640	1652
3,5	1562	1579	1593	1615	1635	1651	1667	1681	1694	1705
4,0	1614	1629	1642	1664	1683	1698	1713	1727	1739	1749
4,5	1657	1671	1684	1705	1723	1737	1752	1765	1776	1786
5,0	1693	1707	1720	1740	1757	1772	1785	1797	1808	1817
5,5	1725	1739	1751	1771	1787	1801	1814	1825	1836	1845
6,0	1754	1768	1779	1798	1814	1827	1839	1850	1861	1870
6,5	1780	1793	1804	1822	1838	1851	1863	1874	1884	1893
7,0	1804	1816	1827	1844	1860	1873	1884	1895	1905	1914
7,5	1825	1837	1848	1865	1880	1893	1904	1914	1924	1933
8,0	1845	1857	1867	1884	1899	1912	1923	1933	1942	1951
9	1879	1891	1901	1918	1932	1944	1954	1964	1973	1981
10	1909	1921	1931	1947	1960	1972	1982	1991	2000	2008
11	1935	1947	1957	1972	1985	1996	2006	2015	2024	2032
12	1959	1970	1980	1994	2007	2018	2028	2037	2045	2053
13	1980	1991	2001	2014	2027	2038	2047	2056	2064	2072
14	1999	2010	2019	2032	2045	2056	2065	2074	2082	2089
15	2017	2027	2036	2049	2062	2073	2082	2090	2098	2105
16	2033	2043	2052	2065	2077	2088	2097	2105	2112	2119
17	2048	2058	2067	2080	2091	2102	2110	2118	2125	2132
18	2062	2072	2081	2094	2105	2115	2123	2131	2138	2144
19	2075	2085	2094	2107	2118	2127	2135	2143	2150	2156
20	2088	2097	2105	2118	2129	2138	2146	2154	2161	2167
Δ_K	1,081	0,957	0,857	0,708	0,598	0,509	0,433	0,367	0,310	0,261
v_K	1020	984	950	892	842	796	751	706	662	619
B	1,213	1,128	1,053	0,930	0,829	0,739	0,658	0,583	0,513	0,443
$\Delta_{\partial} \backslash p_m$	2800	3000	3200	3600	4000	4400	4800	5200	5600	6000

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$$\Delta = 0,51$$

ρ_m Δ_{∂}	1200	1300	1400	1500	1600	1800	2000	2200	2400	2600	2800
1,0											
1,5										1147	1179
2,0								1216	1259	1293	1321
2,5							1274	1326	1365	1396	1420
3,0							1361	1409	1446	1474	1496
3,5						1375	1433	1477	1511	1537	1558
4,0						1437	1492	1533	1564	1589	1609
4,5						1489	1541	1580	1609	1633	1652
5,0					1465	1533	1583	1620	1648	1671	1689
5,5					1505	1571	1619	1655	1683	1704	1722
6,0				1499	1541	1604	1651	1686	1713	1734	1751
6,5				1532	1573	1634	1680	1714	1740	1761	1778
7,0				1561	1601	1661	1706	1740	1765	1785	1801
7,5				1587	1627	1687	1730	1763	1788	1807	1822
8,0			1561	1611	1651	1711	1753	1785	1809	1827	1842
9			1608	1655	1693	1751	1791	1821	1844	1862	1876
10			1648	1693	1730	1786	1825	1853	1876	1893	1907
11			1683	1727	1763	1817	1855	1882	1904	1920	1934
12		1659	1714	1757	1792	1844	1881	1908	1928	1944	1958
13		1689	1742	1784	1818	1868	1904	1931	1950	1965	1979
14		1715	1767	1808	1841	1890	1925	1951	1970	1985	1998
15		1739	1790	1830	1862	1910	1944	1969	1988	2003	2016
16		1762	1811	1850	1881	1928	1962	1986	2005	2020	2032
17		1783	1830	1868	1899	1945	1979	2002	2021	2035	2047
18	1734	1802	1848	1885	1916	1961	1995	2017	2035	2049	2061
19	1753	1820	1866	1902	1932	1977	2009	2032	2049	2063	2074
20	1771	1837	1882	1918	1947	1991	2022	2045	2062	2075	2086
Δ_{κ}	17,27	11,11	7,778	5,855	4,621	3,196	2,396	1,890	1,548	1,313	1,139
v_{κ}	1716	1627	1551	1485	1428	1327	1246	1180	1125	1078	1037
B	3,428	3,081	2,804	2,571	2,373	2,051	1,809	1,621	1,474	1,353	1,251
Δ_{∂} ρ_m	1200	1300	1400	1500	1600	1800	2000	2200	2400	2600	2800

$\Delta = 0,51$

$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$

$\Delta_{\partial} \backslash p_m$	2800	3000	3200	3600	4000	4400	4800	5200	5600	6000
1,0			1025	1072	1108	1138	1165	1189	1210	1230
1,5	1179	1206	1230	1268	1297	1321	1342	1361	1379	1395
2,0	1321	1344	1364	1395	1420	1441	1460	1477	1492	1507
2,5	1420	1440	1457	1484	1507	1527	1544	1560	1574	1587
3,0	1496	1515	1530	1555	1577	1595	1611	1626	1640	1651
3,5	1558	1575	1590	1614	1634	1650	1666	1680	1694	1704
4,0	1609	1625	1640	1663	1682	1697	1712	1725	1738	1748
4,5	1652	1668	1682	1704	1722	1737	1751	1764	1775	1785
5,0	1689	1705	1718	1739	1756	1771	1784	1797	1807	1817
5,5	1722	1737	1750	1770	1786	1801	1813	1825	1835	1845
6,0	1751	1765	1778	1797	1813	1827	1839	1850	1860	1870
6,5	1778	1791	1803	1822	1837	1850	1862	1873	1883	1893
7,0	1801	1814	1826	1844	1859	1871	1883	1894	1904	1914
7,5	1822	1835	1847	1864	1879	1891	1903	1914	1924	1933
8,0	1842	1855	1866	1883	1898	1910	1922	1932	1942	1951
9	1876	1888	1899	1916	1931	1943	1954	1964	1973	1982
10	1907	1918	1929	1946	1960	1971	1981	1991	2000	2009
11	1934	1945	1956	1972	1985	1996	2005	2015	2024	2033
12	1958	1969	1978	1994	2007	2018	2027	2036	2045	2054
13	1979	1990	1999	2014	2027	2038	2047	2055	2064	2073
14	1998	2009	2017	2032	2045	2056	2065	2073	2081	2089
15	2016	2026	2034	2049	2062	2072	2081	2089	2097	2104
16	2032	2042	2050	2065	2078	2087	2096	2104	2111	2118
17	2047	2057	2065	2080	2092	2102	2110	2118	2125	2131
18	2061	2071	2079	2094	2105	2115	2123	2131	2138	2144
19	2074	2084	2092	2107	2118	2127	2135	2143	2150	2156
20	2086	2096	2104	2118	2129	2138	2146	2154	2161	2167
Λ_R	1,139	1,004	0,894	0,741	0,626	0,535	0,459	0,392	0,333	0,282
v_E	1037	1000	966	908	858	812	768	725	683	642
B	1,251	1,164	1,088	0,962	0,860	0,770	0,689	0,614	0,544	0,479
$\Delta_{\partial} \backslash p_m$	2800	3000	3200	3600	4000	4400	4800	5200	5600	6000

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$$\Delta = 0,52$$

ρ_m	1200	1300	1400	1500	1600	1800	2000	2200	2400	2600	2800
Λ_{∂}											
1,0											
1,5										1136	1168
2,0									1248	1284	1313
2,5								1312	1356	1389	1415
3,0							1348	1398	1438	1469	1492
3,5						1362	1421	1467	1503	1531	1553
4,0						1425	1481	1524	1557	1583	1604
4,5						1477	1531	1571	1602	1627	1647
5,0						1521	1574	1612	1641	1665	1684
5,5					1491	1559	1611	1648	1676	1699	1717
6,0					1527	1593	1644	1680	1707	1729	1746
6,5				1515	1559	1624	1673	1708	1735	1756	1773
7,0				1545	1588	1652	1699	1734	1760	1781	1797
7,5				1572	1614	1677	1723	1757	1783	1803	1819
8,0				1597	1638	1700	1746	1779	1804	1823	1839
9			1592	1641	1680	1741	1784	1815	1839	1858	1873
10			1632	1679	1717	1776	1818	1848	1871	1889	1903
11			1667	1713	1750	1807	1848	1877	1899	1916	1930
12			1699	1744	1780	1835	1874	1903	1924	1940	1954
13		1670	1728	1771	1806	1860	1898	1926	1946	1962	1975
14		1697	1754	1796	1830	1882	1919	1946	1966	1982	1995
15		1722	1777	1818	1851	1902	1938	1964	1985	2000	2013
16		1745	1799	1838	1870	1920	1956	1982	2002	2017	2029
17		1766	1819	1857	1888	1937	1973	1998	2017	2032	2044
18		1786	1837	1875	1905	1953	1989	2013	2031	2046	2058
19		1804	1854	1892	1922	1969	2003	2027	2045	2060	2072
20	1752	1822	1871	1908	1938	1983	2016	2040	2058	2072	2084
Λ_{κ}	19,79	12,54	8,694	6,473	5,059	3,445	2,562	2,003	1,634	1,378	1,194
v_{κ}	1744	1653	1576	1510	1453	1350	1266	1198	1142	1095	1054
B	3,531	3,173	2,888	2,650	2,449	2,121	1,871	1,678	1,525	1,401	1,297
Λ_{∂}											
ρ_m	1200	1300	1400	1500	1600	1800	2000	2200	2400	2600	2800

$\Delta = 0,52$

$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$

$\Delta_{\partial} \backslash p_m$	2800	3000	3200	3600	4000	4400	4800	5200	5600	6000
1,0			1018	1066	1103	1134	1161	1185	1206	1226
1,5	1168	1197	1225	1264	1294	1318	1340	1359	1377	1393
2,0	1313	1337	1360	1393	1419	1440	1459	1476	1491	1505
2,5	1415	1436	1456	1485	1508	1526	1543	1559	1573	1586
3,0	1492	1512	1530	1557	1578	1595	1611	1626	1639	1651
3,5	1553	1571	1589	1614	1634	1651	1666	1680	1693	1704
4,0	1604	1621	1638	1662	1681	1697	1712	1725	1738	1748
4,5	1647	1664	1680	1703	1721	1736	1751	1763	1776	1785
5,0	1684	1701	1717	1738	1756	1770	1784	1796	1808	1817
5,5	1717	1733	1749	1769	1786	1800	1813	1825	1836	1845
6,0	1746	1762	1777	1797	1813	1827	1839	1851	1861	1870
6,5	1773	1788	1802	1822	1837	1851	1863	1874	1884	1893
7,0	1797	1811	1825	1844	1859	1872	1884	1895	1905	1914
7,5	1819	1833	1846	1864	1879	1892	1903	1914	1924	1933
8,0	1839	1853	1865	1883	1898	1910	1921	1932	1942	1950
9	1873	1886	1898	1916	1931	1943	1954	1964	1973	1981
10	1903	1916	1928	1945	1960	1972	1982	1991	2000	2008
11	1930	1943	1955	1971	1985	1997	2007	2015	2024	2032
12	1954	1966	1978	1994	2007	2018	2028	2037	2045	2053
13	1975	1987	1998	2014	2026	2037	2047	2056	2064	2072
14	1995	2007	2017	2032	2044	2055	2065	2074	2082	2089
15	2013	2024	2034	2049	2061	2072	2082	2090	2098	2105
16	2029	2040	2050	2065	2077	2088	2097	2105	2112	2119
17	2044	2055	2065	2080	2092	2102	2110	2118	2125	2132
18	2058	2069	2079	2094	2106	2115	2123	2130	2137	2144
19	2072	2082	2092	2107	2118	2127	2135	2142	2149	2156
20	2084	2094	2104	2118	2129	2138	2146	2153	2160	2167
Λ_R	1,194	1,050	0,936	0,769	0,653	0,561	0,484	0,417	0,358	0,306
v_R	1054	1017	983	924	874	829	787	746	705	664
B	1,297	1,208	1,120	0,991	0,888	0,799	0,719	0,645	0,576	0,512
$\Delta_{\partial} \backslash p_m$	2800	3000	3200	3600	4000	4400	4800	5200	5600	6000

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$$\Delta = 0,53$$

ρ_m	1300	1400	1500	1600	1800	2000	2200	2400	2600	2800
Δ_{∂}										
1,0										
1,5									1129	1162
2,0								1241	1278	1308
2,5							1303	1349	1383	1410
3,0						1338	1390	1432	1463	1488
3,5						1412	1460	1498	1527	1550
4,0					1413	1472	1517	1552	1580	1602
4,5					1466	1522	1565	1598	1624	1645
5,0					1512	1565	1607	1638	1662	1682
5,5					1551	1603	1643	1673	1696	1715
6,0				1515	1585	1636	1675	1704	1726	1744
6,5				1547	1615	1665	1703	1732	1753	1771
7,0				1576	1642	1692	1729	1757	1778	1795
7,5			1557	1602	1667	1716	1752	1779	1800	1817
8,0			1582	1626	1691	1739	1774	1800	1821	1837
9			1627	1669	1731	1778	1812	1837	1856	1872
10		1617	1665	1707	1767	1812	1845	1869	1888	1903
11		1652	1700	1741	1799	1842	1874	1897	1916	1930
12		1684	1731	1771	1828	1869	1900	1922	1940	1953
13		1713	1759	1797	1853	1893	1923	1944	1961	1974
14		1739	1784	1820	1875	1914	1943	1964	1980	1993
15	1705	1763	1807	1841	1895	1933	1961	1982	1998	2011
16	1727	1785	1828	1861	1913	1951	1978	1999	2015	2028
17	1748	1805	1847	1879	1930	1967	1994	2015	2031	2043
18	1768	1824	1865	1897	1946	1982	2009	2030	2045	2057
19	1787	1842	1882	1914	1962	1997	2023	2044	2059	2071
20	1805	1859	1899	1930	1977	2011	2037	2057	2072	2084
Λ_{K}	14,17	9,686	7,160	5,546	3,703	2,731	2,131	1,733	1,457	1,257
v_{K}	1681	1603	1536	1477	1374	1290	1221	1163	1114	1072
B	3,268	2,972	2,725	2,518	2,183	1,922	1,721	1,563	1,436	1,330
Δ_{∂}										
ρ_m	1300	1400	1500	1600	1800	2000	2200	2400	2600	2800

$\Delta = 0,53$

$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$

Λ_{∂} \ / \ ρ_m	2800	3000	3200	3600	4000	4400	4800	5200	5600	6000
1,0			1010	1059	1096	1128	1156	1180	1202	1222
1,5	1162	1191	1217	1259	1290	1315	1337	1356	1374	1390
2,0	1308	1332	1354	1389	1415	1437	1456	1474	1490	1504
2,5	1410	1432	1451	1482	1505	1524	1541	1557	1571	1584
3,0	1488	1509	1527	1554	1575	1593	1609	1624	1637	1649
3,5	1550	1569	1586	1612	1633	1649	1665	1679	1692	1702
4,0	1602	1619	1635	1661	1681	1696	1711	1724	1737	1747
4,5	1645	1662	1677	1702	1721	1736	1750	1762	1775	1785
5,0	1682	1699	1713	1737	1755	1770	1784	1795	1807	1817
5,5	1715	1731	1745	1768	1785	1800	1813	1824	1835	1845
6,0	1744	1759	1773	1795	1812	1827	1839	1850	1860	1870
6,5	1771	1785	1799	1820	1836	1850	1862	1874	1883	1893
7,0	1795	1809	1822	1842	1858	1871	1883	1895	1905	1914
7,5	1817	1831	1843	1863	1878	1891	1903	1914	1924	1933
8,0	1837	1851	1863	1882	1897	1910	1921	1931	1941	1950
9	1872	1886	1897	1915	1931	1943	1954	1963	1973	1981
10	1903	1916	1927	1945	1960	1972	1982	1991	2000	2008
11	1930	1942	1953	1971	1985	1996	2006	2015	2024	2032
12	1953	1965	1975	1993	2006	2017	2027	2036	2045	2053
13	1974	1985	1995	2012	2025	2036	2046	2055	2064	2072
14	1993	2004	2014	2030	2043	2054	2064	2073	2082	2089
15	2011	2022	2032	2047	2060	2071	2081	2089	2098	2105
16	2028	2039	2049	2064	2076	2087	2096	2104	2112	2119
17	2043	2054	2064	2079	2091	2101	2110	2118	2125	2132
18	2057	2068	2078	2093	2105	2114	2123	2130	2137	2144
19	2071	2082	2092	2106	2118	2127	2135	2142	2149	2155
20	2084	2094	2104	2118	2129	2138	2146	2153	2160	2166
Λ_K	1,257	1,105	0,985	0,806	0,686	0,591	0,510	0,440	0,380	0,329
v_K	1072	1035	1001	941	891	847	806	766	726	687
B	1,330	1,239	1,159	1,027	0,922	0,833	0,753	0,679	0,610	0,546
Λ_{∂} \ / \ ρ_m	2800	3000	3200	3600	4000	4400	4800	5200	5600	6000

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$$\Delta = 0,54$$

ρ_m	1300	1400	1500	1600	1800	2000	2200	2400	2600	2800
Λ_{∂}										
1,0										
1,5										1153
2,0								1232	1270	1301
2,5							1292	1340	1376	1404
3,0						1325	1380	1423	1457	1484
3,5						1398	1450	1490	1521	1547
4,0					1398	1459	1508	1545	1574	1597
4,5					1450	1510	1557	1592	1619	1640
5,0					1496	1554	1599	1632	1658	1678
5,5					1536	1592	1635	1667	1692	1711
6,0					1571	1625	1667	1698	1722	1741
6,5				1530	1602	1655	1696	1726	1749	1768
7,0				1560	1630	1682	1722	1752	1774	1792
7,5				1586	1655	1707	1746	1775	1797	1814
8,0			1565	1610	1679	1730	1768	1796	1817	1834
9			1611	1654	1721	1768	1805	1832	1852	1869
10			1651	1692	1757	1803	1838	1864	1884	1900
11		1633	1686	1726	1789	1834	1868	1893	1912	1928
12		1666	1717	1756	1818	1862	1894	1918	1937	1952
13		1695	1745	1783	1843	1886	1917	1940	1959	1973
14		1722	1771	1807	1865	1907	1938	1960	1978	1992
15		1746	1794	1829	1885	1926	1957	1979	1996	2010
16		1768	1815	1849	1904	1944	1974	1996	2013	2026
17	1729	1789	1834	1868	1922	1961	1990	2012	2028	2041
18	1748	1808	1852	1886	1938	1977	2005	2027	2042	2055
19	1766	1826	1869	1903	1953	1991	2019	2040	2056	2069
20	1784	1843	1886	1919	1968	2005	2032	2052	2068	2081
Δ_K	16,06	10,85	7,887	6,038	3,993	2,912	2,263	1,832	1,534	1,319
v_K	1708	1629	1560	1500	1397	1311	1240	1182	1133	1090
B	3,368	3,066	2,813	2,603	2,262	1,992	1,774	1,611	1,480	1,371
Λ_{∂}										
ρ_m	1300	1400	1500	1600	1800	2000	2200	2400	2600	2800

T. B. P.

$\Delta = 0,54$

$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\phi}{\phi q}}$

$\Delta_{\partial} \backslash P_m$	2800	3000	3200	3600	4000	4400	4800	5200	5600	6000
1,0				1052	1092	1124	1152	1176	1198	1218
1,5	1153	1183	1210	1255	1287	1313	1335	1355	1373	1389
2,0	1301	1327	1350	1387	1414	1436	1455	1473	1489	1503
2,5	1404	1427	1447	1481	1505	1525	1542	1557	1571	1583
3,0	1484	1505	1522	1553	1575	1594	1610	1624	1637	1648
3,5	1547	1566	1583	1611	1632	1650	1664	1678	1691	1702
4,0	1597	1616	1633	1659	1679	1696	1710	1724	1736	1747
4,5	1640	1659	1675	1700	1719	1735	1749	1763	1774	1785
5,0	1678	1696	1711	1735	1754	1769	1783	1796	1807	1817
5,5	1711	1728	1743	1766	1785	1799	1813	1825	1836	1845
6,0	1741	1757	1771	1794	1812	1826	1839	1851	1861	1870
6,5	1768	1783	1797	1819	1836	1850	1862	1874	1884	1893
7,0	1792	1807	1820	1841	1858	1872	1883	1895	1905	1914
7,5	1814	1828	1841	1862	1878	1892	1903	1914	1924	1933
8,0	1834	1848	1861	1881	1897	1910	1922	1932	1941	1950
8,9	1869	1883	1896	1915	1930	1943	1954	1964	1973	1981
10	1900	1914	1926	1945	1959	1971	1982	1991	2000	2008
11	1928	1941	1952	1971	1985	1996	2006	2015	2024	2032
12	1952	1964	1975	1993	2007	2018	2027	2036	2045	2053
13	1973	1985	1995	2013	2026	2037	2046	2055	2064	2072
14	1992	2004	2014	2031	2044	2055	2064	2073	2082	2090
15	2010	2021	2031	2048	2061	2072	2081	2089	2098	2106
16	2026	2037	2047	2063	2076	2087	2096	2104	2113	2120
17	2041	2052	2062	2078	2090	2101	2110	2118	2127	2133
18	2055	2066	2076	2092	2104	2114	2123	2131	2139	2145
19	2069	2080	2089	2105	2117	2127	2135	2143	2150	2156
20	2081	2092	2101	2116	2128	2138	2146	2154	2161	2167
Δ_K	1,319	1,155	1,027	0,841	0,715	0,618	0,537	0,467	0,406	0,353
v_K	1090	1052	1018	959	908	863	822	783	745	707
B	1,371	1,278	1,196	1,059	0,951	0,862	0,782	0,708	0,640	0,576
$\Delta_{\partial} \backslash P_m$	2800	3000	3200	3600	4000	4400	4800	5200	5600	6000

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$$\Delta = 0,55$$

Λ_{∂} \diagdown ρ_m	1300	1400	1500	1600	1800	2000	2200	2400	2600	2800
1,0										
1,5										1146
2,0								1221	1261	1294
2,5							1281	1330	1368	1398
3,0							1369	1414	1450	1478
3,5						1389	1441	1482	1516	1542
4,0						1450	1499	1539	1570	1594
4,5					1440	1501	1548	1586	1615	1638
5,0					1485	1545	1590	1626	1653	1675
5,5					1526	1584	1628	1661	1687	1708
6,0					1562	1618	1661	1693	1718	1738
6,5					1594	1648	1690	1721	1746	1765
7,0				1547	1622	1675	1716	1746	1771	1789
7,5				1574	1647	1700	1740	1769	1793	1811
8,0				1599	1671	1723	1762	1791	1813	1831
9			1597	1643	1712	1763	1800	1828	1849	1866
10			1636	1682	1749	1798	1834	1861	1881	1897
11			1671	1716	1782	1829	1864	1889	1909	1924
12			1703	1746	1811	1856	1890	1914	1933	1948
13		1679	1732	1773	1836	1880	1913	1936	1955	1970
14		1706	1759	1797	1858	1901	1933	1956	1975	1989
15		1731	1783	1819	1878	1921	1951	1975	1993	2007
16		1754	1804	1839	1897	1939	1968	1992	2009	2023
17		1775	1823	1858	1915	1956	1984	2007	2024	2038
18		1794	1841	1876	1932	1972	1999	2021	2038	2052
19	1749	1812	1859	1894	1948	1987	2014	2035	2051	2065
20	1767	1830	1876	1911	1963	2001	2028	2048	2064	2078
Δ_{K}	18,22	12,16	8,669	6,625	4,309	3,120	2,408	1,943	1,619	1,385
v_{K}	1734	1653	1583	1525	1419	1332	1260	1200	1150	1107
B	3,462	3,148	2,885	2,669	2,322	2,043	1,828	1,661	1,525	1,413
Λ_{∂} \diagdown ρ_m	1300	1400	1500	1600	1800	2000	2200	2400	2600	2800

Т. Б. Р.

$\Delta = 0,55$

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi\varphi}}$$

$\Delta_{\partial} \backslash \rho_m$	2800	3000	3200	3600	4000	4400	4800	5200	5600	6000
1,0				1044	1087	1120	1147	1171	1194	1215
1,5	1146	1176	1204	1249	1283	1310	1332	1352	1370	1387
2,0	1294	1322	1345	1384	1412	1435	1455	1473	1489	1503
2,5	1398	1422	1443	1478	1505	1526	1543	1558	1572	1585
3,0	1478	1501	1519	1551	1575	1594	1610	1624	1637	1650
3,5	1542	1562	1579	1609	1632	1650	1666	1679	1691	1703
4,0	1594	1612	1628	1657	1679	1697	1712	1725	1736	1747
4,5	1638	1655	1670	1698	1719	1737	1751	1763	1774	1784
5,0	1675	1692	1707	1733	1754	1771	1784	1796	1807	1816
5,5	1708	1725	1739	1764	1784	1800	1813	1825	1836	1845
6,0	1738	1755	1768	1792	1811	1826	1839	1851	1861	1871
6,5	1765	1781	1794	1817	1836	1850	1862	1874	1884	1894
7,0	1789	1805	1817	1840	1857	1871	1883	1895	1905	1915
7,5	1811	1826	1839	1860	1877	1891	1903	1914	1924	1934
8,0	1831	1846	1859	1879	1896	1910	1922	1932	1942	1951
9	1866	1880	1893	1913	1929	1942	1954	1964	1974	1982
10	1897	1911	1923	1943	1958	1971	1982	1992	2001	2009
11	1924	1938	1949	1969	1984	1996	2007	2016	2024	2032
12	1948	1962	1972	1992	2006	2018	2028	2037	2045	2053
13	1970	1983	1993	2012	2026	2037	2047	2056	2064	2072
14	1989	2002	2012	2030	2044	2055	2065	2074	2082	2090
15	2007	2020	2030	2047	2061	2071	2081	2090	2098	2106
16	2023	2036	2046	2062	2076	2086	2096	2105	2113	2120
17	2038	2051	2061	2077	2090	2101	2110	2118	2126	2133
18	2052	2065	2075	2091	2103	2114	2123	2131	2138	2145
19	2065	2078	2088	2104	2116	2126	2135	2143	2150	2157
20	2078	2090	2101	2116	2128	2138	2147	2155	2162	2168
Δ_K	1,385	1,212	1,078	0,877	0,742	0,643	0,562	0,492	0,430	0,375
v_K	1107	1069	1035	974	923	879	839	801	764	727
B	1,413	1,318	1,235	1,095	0,983	0,893	0,813	0,741	0,673	0,609
$\Delta_{\partial} \backslash \rho_m$	2800	3000	3200	3600	4000	4400	4800	5200	5600	6000

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$$\Delta = 0,56$$

Δ_{∂} \ / \ ρ_m	1400	1500	1600	1800	2000	2200	2400	2600	2800	3000
1,0	1191	1168	1145	1122	1101	1081	1061	1041	1021	1001
1,5	1281	1251	1221	1191	1161	1131	1101	1071	1041	1011
2,0	1381	1341	1301	1261	1221	1181	1141	1101	1061	1021
2,5	1471	1421	1371	1321	1271	1221	1171	1121	1071	1021
3,0	1571	1511	1451	1391	1331	1271	1211	1151	1091	1031
3,5	1671	1601	1531	1461	1391	1321	1251	1181	1111	1041
4,0	1771	1691	1611	1531	1451	1371	1291	1211	1131	1051
4,5	1871	1781	1691	1601	1511	1421	1331	1241	1151	1061
5,0	1971	1871	1771	1671	1571	1471	1371	1271	1171	1071
5,5	2071	1961	1851	1741	1631	1521	1411	1301	1191	1081
6,0	2171	2051	1931	1811	1691	1571	1451	1331	1211	1091
6,5	2271	2141	2011	1881	1751	1621	1491	1361	1231	1101
7,0	2371	2231	2091	1951	1811	1671	1531	1391	1251	1111
7,5	2471	2321	2171	2021	1871	1721	1571	1421	1271	1121
8,0	2571	2411	2271	2111	1921	1761	1601	1441	1281	1131
9	2671	2491	2351	2171	1971	1791	1621	1461	1291	1141
10	2771	2571	2431	2231	2021	1821	1641	1481	1311	1151
11	2871	2651	2501	2291	2071	1851	1671	1501	1321	1161
12	2971	2731	2571	2351	2121	1881	1701	1521	1331	1171
13	3071	2811	2641	2411	2171	1911	1731	1541	1341	1181
14	3171	2891	2711	2471	2221	1941	1761	1561	1351	1191
15	3271	2971	2781	2531	2271	1971	1791	1581	1361	1201
16	3371	3051	2851	2591	2321	2001	1821	1601	1371	1211
17	3471	3131	2921	2651	2371	2031	1851	1621	1381	1221
18	3571	3211	2991	2711	2421	2061	1881	1641	1391	1231
19	3671	3291	3061	2771	2471	2091	1911	1661	1401	1241
20	3771	3371	3131	2831	2521	2121	1941	1681	1411	1251
Δ_R	13,68	9,633	7,257	4,653	3,329	2,558	2,052	1,709	1,459	1,272
v_R	1677	1606	1545	1440	1353	1280	1219	1168	1124	1086
B	3,237	2,968	2,749	2,393	2,109	1,886	1,707	1,567	1,450	1,350
Δ_{∂} \ / \ ρ_m	1400	1500	1600	1800	2000	2200	2400	2600	2800	3000

$\Delta = 0,56$

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$\Delta_{\partial} \backslash \rho_m$	3000	3200	3600	4000	4400	4800	5200	5600	6000
1,0			1038	1081	1115	1143	1168	1191	1212
1,5	1171	1199	1245	1280	1308	1331	1351	1369	1386
2,0	1318	1342	1381	1410	1433	1452	1470	1486	1501
2,5	1418	1439	1475	1501	1523	1540	1556	1571	1584
3,0	1495	1515	1549	1574	1593	1609	1624	1637	1649
3,5	1558	1576	1607	1631	1649	1665	1679	1691	1702
4,0	1610	1627	1656	1678	1696	1711	1725	1736	1747
4,5	1653	1670	1697	1719	1736	1750	1764	1775	1785
5,0	1690	1707	1732	1754	1770	1784	1797	1808	1818
5,5	1723	1739	1764	1783	1799	1813	1825	1836	1846
6,0	1753	1768	1792	1810	1825	1839	1850	1861	1871
6,5	1780	1794	1817	1835	1849	1862	1873	1884	1894
7,0	1804	1818	1840	1857	1871	1883	1894	1905	1915
7,5	1825	1839	1860	1877	1891	1903	1914	1925	1934
8,0	1844	1858	1879	1896	1910	1922	1933	1943	1952
9	1879	1893	1914	1929	1943	1955	1964	1974	1982
10	1910	1923	1944	1959	1972	1983	1992	2001	2009
11	1937	1949	1970	1985	1997	2007	2016	2024	2032
12	1961	1972	1992	2007	2018	2028	2037	2045	2053
13	1982	1993	2012	2026	2037	2047	2056	2064	2072
14	2001	2012	2030	2044	2055	2065	2074	2082	2090
15	2019	2029	2047	2060	2071	2081	2090	2098	2106
16	2035	2045	2062	2075	2086	2096	2105	2113	2120
17	2050	2060	2076	2089	2100	2110	2118	2126	2133
18	2064	2074	2090	2103	2113	2123	2131	2138	2145
19	2077	2087	2103	2116	2126	2135	2143	2150	2157
20	2089	2099	2115	2128	2138	2146	2154	2161	2168
Δ_K	1,272	1,127	0,918	0,771	0,670	0,588	0,516	0,453	0,397
v_K	1086	1052	990	938	894	855	818	782	746
B	1,350	1,263	1,123	1,012	0,922	0,842	0,769	0,702	0,639
$\Delta_{\partial} \backslash \rho_m$	3000	3200	3600	4000	4400	4800	5200	5600	6000

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$$\Delta = 0,57$$

Λ_{∂} \ / \ p_m	1400	1500	1600	1800	2000	2200	2400	2600	2800	3000
1,0										
1,5										1166
2,0								1246	1283	1314
2,5							1312	1354	1387	1415
3,0						1352	1399	1437	1468	1494
3,5						1424	1468	1503	1532	1556
4,0					1430	1484	1525	1558	1585	1607
4,5					1482	1535	1574	1605	1630	1651
5,0					1527	1578	1616	1645	1669	1689
5,5				1504	1566	1615	1652	1680	1703	1722
6,0				1540	1600	1647	1683	1711	1733	1752
6,5				1572	1631	1676	1711	1738	1760	1779
7,0				1601	1659	1703	1737	1763	1784	1802
7,5				1627	1685	1728	1761	1786	1806	1823
8,0			1571	1650	1708	1750	1782	1807	1827	1843
9			1615	1692	1748	1789	1819	1842	1861	1877
10			1655	1730	1784	1823	1852	1874	1892	1907
11		1642	1691	1763	1815	1853	1882	1903	1920	1935
12		1674	1723	1792	1843	1880	1908	1929	1945	1959
13		1703	1751	1818	1867	1903	1931	1951	1967	1981
14		1730	1776	1841	1888	1924	1951	1971	1987	2000
15		1755	1799	1862	1908	1943	1969	1989	2005	2018
16	1720	1777	1820	1882	1926	1960	1985	2005	2021	2034
17	1742	1797	1839	1900	1943	1976	2000	2020	2036	2048
18	1761	1816	1857	1917	1959	1991	2015	2034	2050	2062
19	1779	1834	1875	1933	1974	2005	2029	2048	2063	2075
20	1796	1851	1891	1949	1989	2019	2042	2060	2075	2087
Λ_K	15,36	10,74	7,989	5,068	3,572	2,726	2,177	1,798	1,528	1,328
v_K	1702	1630	1568	1463	1374	1300	1238	1186	1142	1103
B	3,327	3,046	2,812	2,449	2,160	1,932	1,752	1,608	1,487	1,384
Λ_{∂} \ / \ p_m	1400	1500	1600	1800	2000	2200	2400	2600	2800	3000

$\Delta = 0,57$

$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$

$\Lambda_{\partial} \backslash \rho_m$	3000	3200	3600	4000	4400	4800	5200	5600	6000
1,0			1032	1075	1110	1140	1166	1189	1210
1,5	1166	1195	1241	1277	1305	1329	1350	1368	1385
2,0	1314	1340	1378	1408	1431	1451	1469	1485	1500
2,5	1415	1439	1473	1500	1521	1539	1555	1570	1584
3,0	1494	1514	1547	1572	1592	1608	1623	1638	1650
3,5	1556	1575	1607	1630	1648	1664	1678	1692	1703
4,0	1607	1626	1656	1678	1695	1711	1724	1737	1747
4,5	1651	1669	1697	1718	1735	1750	1763	1775	1785
5,0	1689	1706	1732	1752	1769	1783	1796	1807	1817
5,5	1722	1739	1763	1782	1798	1812	1824	1835	1845
6,0	1752	1768	1791	1809	1824	1838	1849	1860	1870
6,5	1779	1794	1816	1834	1848	1861	1872	1883	1893
7,0	1802	1817	1839	1856	1870	1882	1893	1904	1914
7,5	1823	1838	1860	1877	1890	1902	1913	1924	1933
8,0	1843	1857	1879	1896	1909	1921	1932	1942	1951
9	1877	1891	1913	1930	1943	1954	1964	1973	1982
10	1907	1921	1943	1960	1972	1983	1992	2001	2009
11	1935	1948	1969	1985	1997	2007	2016	2025	2033
12	1959	1972	1991	2006	2018	2028	2037	2046	2054
13	1981	1993	2011	2025	2037	2047	2056	2065	2073
14	2000	2012	2030	2043	2055	2065	2074	2082	2090
15	2018	2030	2047	2060	2071	2081	2090	2098	2106
16	2034	2046	2062	2075	2086	2096	2105	2113	2120
17	2048	2060	2076	2089	2100	2110	2118	2126	2133
18	2062	2073	2089	2102	2113	2123	2130	2138	2145
19	2075	2086	2102	2115	2125	2135	2143	2150	2157
20	2087	2098	2114	2127	2137	2146	2154	2161	2168
Λ_K	1,328	1,176	0,958	0,807	0,697	0,609	0,536	0,474	0,420
v_K	1103	1068	1007	955	910	870	833	798	764
B	1,384	1,294	1,155	1,043	0,952	0,872	0,799	0,732	0,670
$\Lambda_{\partial} \backslash \rho_m$	3000	3200	3600	4000	4400	4800	5200	5600	6000

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$$\Delta = 0,59$$

ρ_m Δ_{∂}	1400	1500	1600	1800	2000	2200	2400	2600	2800	3000
1,0										
1,5										1151
2,0									1265	1300
2,5							1288	1333	1372	1405
3,0							1378	1419	1454	1484
3,5						1403	1450	1488	1520	1547
4,0						1463	1509	1545	1575	1599
4,5					1455	1513	1558	1593	1621	1643
5,0					1502	1556	1600	1634	1660	1681
5,5					1542	1594	1636	1669	1694	1715
6,0				1507	1577	1628	1668	1700	1724	1745
6,5				1541	1608	1658	1697	1728	1751	1772
7,0				1571	1636	1685	1724	1754	1776	1796
7,5				1598	1662	1710	1748	1777	1799	1817
8,0				1621	1685	1732	1769	1798	1820	1837
9				1664	1726	1772	1808	1834	1855	1872
10			1623	1702	1762	1807	1841	1866	1886	1903
11			1659	1736	1794	1837	1870	1895	1914	1931
12			1691	1766	1822	1864	1896	1921	1939	1955
13			1720	1793	1847	1888	1919	1944	1961	1976
14		1696	1746	1817	1870	1909	1940	1964	1981	1995
15		1721	1770	1839	1890	1928	1959	1982	1999	2013
16		1744	1792	1859	1908	1946	1976	1999	2015	2029
17		1765	1812	1877	1925	1963	1992	2014	2030	2044
18		1785	1831	1894	1942	1979	2007	2028	2044	2057
19		1803	1848	1911	1958	1994	2021	2041	2057	2071
20	1760	1820	1864	1927	1973	2008	2034	2054	2070	2083
Λ_K	19,60	13,44	9,765	5,993	4,130	3,097	2,453	2,008	1,699	1,467
v_K	1752	1678	1615	1509	1418	1341	1276	1222	1176	1136
B	3,512	3,226	2,988	2,607	2,304	2,056	1,863	1,702	1,574	1,466
Δ_{∂} ρ_m	1400	1500	1600	1800	2000	2200	2400	2600	2800	3000

$\Delta = 0,58$

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$\Lambda_{\partial} \backslash p_m$	3000	3200	3600	4000	4400	4800	5200	5600	6000
1,0			1024	1069	1106	1137	1163	1186	1207
1,5	1158	1188	1235	1273	1303	1327	1348	1367	1383
2,0	1307	1334	1374	1405	1430	1450	1468	1484	1499
2,5	1410	1434	1471	1499	1521	1540	1557	1571	1584
3,0	1489	1511	1544	1571	1591	1609	1624	1637	1649
3,5	1551	1572	1603	1628	1647	1664	1678	1691	1702
4,0	1603	1623	1653	1676	1694	1710	1724	1736	1746
4,5	1647	1666	1695	1717	1734	1749	1763	1774	1784
5,0	1685	1704	1731	1752	1768	1783	1796	1807	1817
5,5	1718	1737	1763	1783	1798	1812	1824	1835	1845
6,0	1748	1766	1791	1811	1825	1838	1849	1860	1870
6,5	1775	1792	1816	1835	1849	1862	1873	1883	1893
7,0	1799	1815	1839	1857	1871	1883	1894	1904	1914
7,5	1821	1836	1859	1877	1891	1903	1913	1923	1933
8,0	1840	1855	1878	1895	1909	1921	1931	1941	1951
9	1875	1889	1911	1928	1943	1954	1964	1974	1983
10	1905	1919	1941	1958	1972	1983	1993	2002	2010
11	1932	1946	1967	1984	1997	2008	2017	2026	2034
12	1956	1970	1990	2006	2019	2029	2038	2047	2055
13	1977	1991	2010	2026	2038	2048	2057	2066	2074
14	1997	2010	2029	2044	2056	2066	2075	2083	2091
15	2015	2028	2046	2060	2072	2082	2091	2099	2106
16	2031	2044	2061	2075	2086	2096	2105	2113	2120
17	2046	2058	2075	2089	2100	2109	2118	2126	2133
18	2060	2071	2088	2102	2113	2122	2130	2138	2145
19	2073	2084	2101	2115	2125	2134	2142	2150	2157
20	2085	2096	2113	2127	2137	2146	2154	2161	2168
Λ_K	1,398	1,233	0,993	0,836	0,722	0,636	0,563	0,499	0,442
v_K	1119	1085	1023	970	925	886	850	815	781
B	1,426	1,334	1,190	1,075	0,982	0,902	0,830	0,764	0,703
$\Lambda_{\partial} \backslash p_m$	3000	3200	3600	4000	4400	4800	5200	5600	6000

$\Delta = 0,59$

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$\Lambda_{\partial} \backslash \rho_m$	3000	3200	3600	4000	4400	4800	5200	5600	6000
1,0				1062	1102	1134	1161	1184	1204
1,5	1151	1181	1230	1270	1301	1326	1347	1366	1382
2,0	1300	1328	1372	1404	1429	1450	1468	1484	1499
2,5	1405	1431	1469	1498	1521	1540	1556	1571	1586
3,0	1484	1508	1543	1570	1591	1609	1623	1637	1650
3,5	1547	1569	1602	1627	1647	1664	1678	1691	1703
4,0	1599	1620	1651	1675	1694	1710	1724	1736	1748
4,5	1643	1663	1693	1716	1734	1749	1763	1774	1786
5,0	1681	1700	1729	1751	1768	1783	1797	1807	1818
5,5	1715	1732	1761	1782	1798	1813	1826	1836	1846
6,0	1745	1761	1789	1809	1825	1840	1852	1862	1871
6,5	1772	1788	1814	1834	1850	1864	1875	1885	1894
7,0	1796	1812	1837	1856	1872	1885	1896	1906	1915
7,5	1817	1833	1858	1876	1892	1904	1915	1925	1934
8,0	1837	1852	1876	1895	1910	1922	1933	1943	1951
9	1872	1887	1910	1928	1943	1955	1966	1976	1984
10	1903	1917	1940	1957	1972	1984	1994	2003	2011
11	1931	1944	1967	1983	1998	2009	2018	2026	2034
12	1955	1968	1990	2006	2020	2030	2039	2047	2055
13	1976	1989	2010	2026	2039	2049	2058	2066	2074
14	1995	2008	2028	2044	2056	2066	2075	2083	2091
15	2013	2026	2045	2060	2072	2082	2091	2099	2106
16	2029	2042	2060	2075	2087	2097	2105	2113	2120
17	2044	2056	2074	2089	2101	2110	2118	2126	2133
18	2057	2069	2087	2102	2114	2123	2131	2139	2146
19	2071	2082	2100	2115	2126	2135	2143	2151	2158
20	2083	2094	2112	2127	2138	2147	2155	2162	2169
Λ_K	1,467	1,288	1,040	0,870	0,751	0,660	0,585	0,521	0,465
v_K	1136	1101	1039	986	941	902	866	831	798
B	1,466	1,372	1,223	1,104	1,008	0,927	0,855	0,790	0,731
$\Lambda_{\partial} \backslash \rho_m$	3000	3200	3600	4000	4400	4800	5200	5600	6000

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$$\Delta = 0,60$$

Δ_{∂} \ / \ ρ_m	1500	1600	1800	2000	2200	2400	2600	2800	3000
1,0									
1,5									
2,0								1253	1289
2,5							1322	1361	1394
3,0						1366	1409	1444	1475
3,5					1391	1439	1479	1511	1540
4,0					1451	1497	1536	1566	1593
4,5				1443	1502	1546	1583	1612	1637
5,0				1490	1547	1589	1624	1652	1675
5,5				1531	1586	1627	1660	1687	1709
6,0				1567	1620	1661	1692	1718	1740
6,5				1599	1650	1690	1721	1746	1767
7,0			1558	1627	1677	1716	1747	1771	1791
7,5			1585	1653	1702	1740	1770	1794	1813
8,0			1610	1677	1725	1762	1791	1814	1833
9			1653	1717	1764	1801	1828	1850	1868
10			1692	1753	1799	1834	1860	1882	1899
11		1646	1726	1786	1830	1863	1889	1910	1927
12		1678	1756	1815	1857	1889	1915	1935	1951
13		1707	1783	1840	1881	1912	1938	1957	1973
14		1734	1807	1862	1903	1933	1958	1977	1992
15		1758	1829	1882	1923	1953	1977	1995	2010
16	1729	1780	1849	1901	1941	1971	1994	2012	2027
17	1749	1800	1868	1919	1957	1987	2010	2028	2042
18	1768	1819	1886	1936	1973	2002	2024	2042	2056
19	1786	1837	1903	1952	1988	2016	2037	2055	2069
20	1804	1853	1919	1967	2002	2029	2050	2067	2081
Λ_K	15,04	10,87	6,535	4,473	3,308	2,601	2,130	1,793	1,541
v_K	1704	1639	1531	1439	1361	1296	1241	1194	1153
B	3,314	3,060	2,674	2,369	2,120	1,920	1,760	1,629	1,519
Δ_{∂} \ / \ ρ_m	1500	1600	1800	2000	2200	2400	2600	2800	3000

Т. Б. Р.

$\Delta = 0,60$

$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$

$\Delta_{\partial} \backslash p_m$	3000	3200	3600	4000	4400	4800	5200	5600	6000
1,0				1052	1094	1129	1157	1180	1199
1,5		1171	1222	1263	1296	1322	1344	1363	1379
2,0	1289	1319	1365	1399	1425	1447	1466	1482	1496
2,5	1394	1421	1432	1494	1518	1538	1555	1569	1582
3,0	1475	1499	1536	1566	1588	1606	1622	1635	1647
3,5	1540	1562	1597	1624	1645	1662	1677	1689	1700
4,0	1593	1614	1647	1672	1692	1709	1723	1735	1745
4,5	1637	1657	1689	1713	1732	1748	1762	1774	1784
5,0	1675	1694	1725	1748	1767	1782	1795	1807	1817
5,5	1709	1727	1757	1779	1797	1812	1824	1836	1846
6,0	1740	1757	1785	1807	1824	1838	1850	1862	1872
6,5	1767	1784	1810	1831	1848	1862	1874	1885	1894
7,0	1791	1808	1833	1853	1870	1884	1896	1906	1914
7,5	1813	1829	1854	1874	1890	1904	1915	1925	1933
8,0	1833	1848	1873	1893	1909	1922	1933	1943	1951
9	1868	1883	1907	1926	1941	1954	1965	1975	1982
10	1899	1913	1936	1955	1970	1983	1993	2002	2009
11	1927	1940	1962	1981	1995	2008	2018	2026	2033
12	1951	1964	1985	2004	2018	2030	2039	2047	2054
13	1973	1986	2006	2024	2038	2049	2058	2066	2073
14	1992	2005	2025	2042	2056	2066	2075	2083	2090
15	2010	2023	2043	2059	2072	2082	2091	2099	2106
16	2027	2039	2059	2074	2087	2097	2106	2114	2121
17	2042	2054	2073	2088	2101	2111	2120	2127	2134
18	2056	2068	2087	2102	2114	2124	2132	2139	2146
19	2069	2081	2099	2114	2126	2136	2144	2151	2157
20	2081	2092	2110	2125	2137	2147	2155	2162	2168
$\Delta_{\text{к}}$	1,541	1,349	1,082	0,903	0,778	0,684	0,608	0,543	0,486
$v_{\text{к}}$	1153	1116	1053	1001	956	916	880	847	815
B	1,519	1,424	1,269	1,146	1,045	0,960	0,887	0,824	0,769
$\Delta_{\partial} \backslash p_m$	3000	3200	3600	4000	4400	4800	5200	5600	6000

T. B. P.

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$$\Delta = 0,61$$

Δ_{∂} \ / \ ρ_m	1500	1600	1800	2000	2200	2400	2600	2800	3000
1,0									
1,5									
2,0								1244	1281
2,5							1311	1351	1385
3,0						1357	1400	1437	1468
3,5						1430	1472	1505	1534
4,0					1440	1490	1530	1561	1588
4,5					1491	1539	1578	1608	1633
5,0				1480	1536	1582	1619	1648	1672
5,5				1520	1575	1620	1655	1683	1706
6,0				1556	1610	1653	1687	1714	1736
6,5				1588	1641	1683	1716	1742	1763
7,0				1617	1669	1710	1742	1767	1787
7,5			1574	1643	1694	1734	1765	1790	1809
8,0			1600	1667	1717	1756	1786	1810	1830
9			1643	1709	1758	1795	1823	1846	1865
10			1681	1745	1793	1829	1856	1878	1896
11			1715	1776	1824	1859	1885	1906	1923
12			1746	1804	1851	1885	1911	1931	1948
13		1691	1774	1830	1875	1908	1934	1954	1970
14		1718	1799	1854	1897	1929	1955	1975	1990
15		1742	1822	1876	1917	1949	1974	1993	2008
16		1764	1843	1896	1936	1967	1991	2009	2024
17		1785	1862	1914	1953	1983	2006	2024	2039
18	1747	1805	1880	1930	1969	1998	2021	2038	2053
19	1766	1823	1896	1946	1984	2012	2034	2051	2066
20	1784	1840	1911	1960	1997	2025	2046	2063	2077
Δ_K	17,03	12,14	7,153	4,842	3,548	2,769	2,251	1,892	1,625
v_K	1728	1662	1554	1462	1383	1316	1259	1211	1170
B	3,407	3,139	2,733	2,425	2,175	1,973	1,809	1,674	1,561
Δ_{∂} \ / \ ρ_m	1500	1600	1800	2000	2200	2400	2600	2800	3000

Т. Б. Р.

$\Delta = 0,61$

$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$

$\Lambda_{\partial} \backslash p_m$	3000	3200	3600	4000	4400	4800	5200	5600	6000
1,0				1047	1089	1123	1153	1177	1198
1,5		1164	1217	1259	1293	1321	1344	1363	1380
2,0	1281	1312	1360	1396	1424	1447	1466	1482	1496
2,5	1385	1414	1456	1489	1515	1536	1553	1567	1580
3,0	1468	1493	1531	1561	1585	1604	1620	1634	1646
3,5	1534	1557	1593	1621	1643	1661	1676	1690	1701
4,0	1588	1609	1644	1671	1691	1708	1723	1736	1747
4,5	1633	1653	1687	1712	1732	1748	1763	1775	1785
5,0	1672	1691	1723	1747	1767	1782	1796	1808	1818
5,5	1706	1724	1754	1778	1797	1812	1825	1837	1847
6,0	1736	1754	1783	1806	1824	1839	1851	1863	1872
6,5	1763	1780	1808	1831	1849	1863	1875	1886	1895
7,0	1787	1804	1832	1854	1871	1885	1897	1907	1916
7,5	1809	1826	1853	1874	1891	1905	1917	1927	1935
8,0	1830	1846	1872	1892	1908	1922	1934	1944	1952
9	1865	1881	1906	1925	1941	1954	1966	1976	1984
10	1896	1911	1935	1954	1970	1983	1994	2004	2012
11	1923	1938	1961	1980	1996	2009	2019	2028	2036
12	1948	1962	1984	2003	2018	2031	2041	2050	2057
13	1970	1984	2005	2023	2037	2050	2060	2069	2076
14	1990	2003	2024	2041	2055	2067	2077	2085	2092
15	2008	2021	2041	2058	2072	2083	2092	2100	2107
16	2024	2037	2057	2074	2087	2097	2106	2114	2121
17	2039	2052	2072	2088	2101	2111	2120	2128	2135
18	2053	2066	2085	2101	2114	2124	2133	2141	2148
19	2066	2078	2097	2113	2126	2136	2145	2153	2160
20	2077	2089	2108	2124	2136	2146	2155	2163	2170
Λ_K	1,625	1,409	1,123	0,938	0,804	0,706	0,630	0,565	0,506
v_K	1170	1134	1070	1016	970	931	896	863	831
B	1,561	1,465	1,305	1,177	1,073	0,987	0,914	0,850	0,792
$\Lambda_{\partial} \backslash p_m$	3000	3200	3600	4000	4400	4800	5200	5600	6000

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$$\Delta = 0,62$$

$\Lambda_{\partial} \backslash p_m$	1500	1600	1800	2000	2200	2400	2600	2800	3000
1,0									
1,5									
2,0								1235	1273
2,5							1302	1344	1379
3,0						1346	1392	1430	1462
3,5						1419	1463	1500	1530
4,0					1429	1480	1522	1556	1584
4,5					1480	1530	1571	1603	1629
5,0					1525	1573	1612	1643	1668
5,5				1508	1565	1611	1648	1678	1702
6,0				1544	1600	1645	1680	1709	1732
6,5				1576	1631	1675	1709	1737	1759
7,0				1606	1659	1702	1735	1762	1784
7,5				1632	1684	1726	1759	1785	1806
8,0			1588	1655	1707	1748	1780	1806	1827
9			1631	1697	1748	1787	1817	1842	1863
10			1670	1734	1783	1821	1850	1874	1894
11			1705	1766	1814	1851	1879	1902	1921
12			1736	1795	1842	1877	1905	1927	1946
13			1764	1821	1866	1901	1928	1950	1968
14		1704	1790	1845	1888	1922	1949	1970	1988
15		1727	1813	1867	1909	1942	1968	1989	2006
16		1749	1834	1887	1928	1960	1986	2006	2022
17		1770	1853	1905	1946	1977	2002	2021	2037
18		1790	1871	1922	1962	1992	2016	2035	2051
19		1809	1887	1937	1977	2006	2029	2048	2064
20	1765	1827	1902	1952	1990	2019	2042	2060	2076
Λ_R	19,48	13,63	7,838	5,232	3,816	2,957	2,391	1,993	1,702
$\overline{v_R}$	1756	1687	1577	1484	1405	1337	1278	1228	1186
B	3,498	3,216	2,802	2,493	2,242	2,035	1,864	1,722	1,603
$\Lambda_{\partial} \backslash p_m$	1500	1600	1800	2000	2200	2400	2600	2800	3000

$\Delta = 0,62$

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$\Lambda_{\partial} \backslash p_m$	3000	3200	3600	4000	4400	4800	5200	5600	6000
1,0				1042	1083	1119	1148	1173	1195
1,5		1157	1213	1256	1290	1318	1341	1361	1378
2,0	1273	1306	1357	1393	1422	1444	1463	1480	1495
2,5	1379	1410	1453	1486	1513	1534	1551	1566	1579
3,0	1462	1489	1529	1560	1584	1603	1619	1633	1646
3,5	1530	1553	1591	1620	1642	1660	1675	1689	1701
4,0	1584	1606	1642	1669	1690	1707	1722	1735	1747
4,5	1629	1650	1685	1710	1730	1747	1761	1774	1785
5,0	1668	1688	1721	1746	1765	1782	1795	1807	1818
5,5	1702	1721	1753	1777	1796	1812	1825	1836	1847
6,0	1732	1751	1781	1804	1823	1839	1851	1862	1872
6,5	1759	1778	1807	1829	1847	1863	1875	1886	1895
7,0	1784	1802	1831	1852	1870	1885	1897	1907	1916
7,5	1806	1824	1852	1873	1890	1905	1917	1927	1936
8,0	1827	1844	1871	1892	1908	1922	1934	1944	1953
9	1863	1879	1905	1925	1940	1953	1965	1975	1984
10	1894	1910	1935	1954	1969	1982	1993	2003	2011
11	1921	1937	1961	1980	1995	2008	2018	2028	2036
12	1946	1961	1984	2003	2017	2030	2040	2049	2057
13	1968	1982	2005	2023	2037	2049	2059	2067	2075
14	1988	2002	2024	2041	2055	2066	2076	2084	2092
15	2006	2020	2042	2058	2071	2082	2092	2100	2107
16	2022	2036	2058	2074	2086	2097	2106	2114	2121
17	2037	2051	2072	2088	2100	2111	2120	2128	2135
18	2051	2065	2086	2101	2113	2124	2133	2141	2148
19	2064	2078	2098	2113	2125	2136	2145	2153	2160
20	2076	2089	2109	2124	2136	2146	2155	2163	2170
$\Lambda_{\text{к}}$	1,702	1,485	1,180	0,976	0,835	0,732	0,652	0,586	0,528
$v_{\text{к}}$	1186	1150	1086	1032	986	946	911	879	848
B	1,603	1,503	1,338	1,209	1,105	1,019	0,946	0,881	0,822
$\Lambda_{\partial} \backslash p_m$	3000	3200	3600	4000	4400	4800	5200	5600	6000

Т. Б. Р.

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

100 - 4100
2500

$$\Delta = 0,63$$

$\Lambda_{\partial} \backslash p_m$	1600	1800	2000	2200	2400	2600	2800	3000	3200
1,0									
1,5									
2,0								1265	1299
2,5							1334	1372	1404
3,0						1380	1422	1457	1485
3,5					1406	1453	1492	1524	1550
4,0					1466	1512	1549	1579	1603
4,5				1465	1517	1561	1597	1625	1647
5,0				1510	1561	1603	1638	1664	1685
5,5				1550	1599	1640	1673	1698	1718
6,0			1526	1585	1633	1673	1704	1729	1748
6,5			1559	1617	1663	1702	1732	1756	1775
7,0			1589	1645	1690	1728	1757	1781	1799
7,5			1615	1670	1715	1752	1780	1803	1821
8,0			1639	1694	1738	1773	1801	1823	1841
9		1612	1681	1735	1778	1811	1837	1860	1876
10		1652	1719	1771	1812	1843	1869	1891	1907
11		1687	1752	1802	1842	1872	1897	1918	1934
12		1719	1782	1830	1868	1898	1922	1942	1958
13		1747	1808	1855	1892	1922	1945	1964	1980
14		1772	1832	1878	1914	1943	1966	1984	1999
15		1795	1854	1899	1934	1962	1985	2002	2017
16	1727	1817	1874	1918	1953	1980	2002	2019	2033
17	1747	1837	1893	1936	1970	1997	2018	2034	2048
18	1767	1855	1910	1952	1985	2012	2032	2048	2062
19	1786	1872	1925	1966	1999	2025	2045	2061	2075
20	1805	1887	1939	1980	2012	2037	2057	2073	2087
Λ_R	15,37	8,623	5,698	4,093	3,142	2,531	2,107	1,798	1,565
v_R	1711	1600	1507	1427	1358	1297	1247	1204	1167
B	3,330	2,901	2,582	2,323	2,106	1,924	1,772	1,645	1,541
$\Lambda_{\partial} \backslash p_m$	1600	1800	2000	2200	2400	2600	2800	3000	3200

$\Delta = 0,63$

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$\Delta_{\partial} \backslash P_m$	3200	3600	4000	4400	4800	5200	5600	6000
1,0				1076	1113	1144	1169	1191
1,5		1207	1252	1287	1315	1339	1359	1377
2,0	1299	1353	1391	1420	1443	1462	1479	1495
2,5	1404	1452	1485	1512	1534	1550	1566	1579
3,0	1485	1527	1559	1584	1604	1619	1634	1646
3,5	1550	1589	1619	1641	1660	1675	1689	1701
4,0	1603	1640	1668	1689	1707	1722	1735	1747
4,5	1647	1682	1709	1730	1747	1762	1774	1786
5,0	1685	1718	1744	1765	1782	1796	1808	1819
5,5	1718	1750	1775	1795	1812	1825	1837	1847
6,0	1748	1779	1803	1822	1839	1851	1862	1872
6,5	1775	1805	1828	1847	1863	1875	1885	1895
7,0	1799	1829	1851	1870	1885	1897	1907	1917
7,5	1821	1850	1872	1890	1905	1917	1927	1936
8,0	1841	1870	1891	1908	1922	1934	1944	1953
9	1876	1904	1925	1941	1954	1965	1975	1984
10	1907	1934	1954	1970	1982	1993	2002	2011
11	1934	1960	1980	1995	2007	2018	2027	2036
12	1958	1983	2002	2017	2029	2040	2049	2057
13	1980	2004	2022	2037	2049	2059	2068	2076
14	1999	2023	2041	2055	2067	2076	2085	2093
15	2017	2041	2058	2072	2083	2092	2101	2108
16	2033	2057	2074	2087	2098	2107	2115	2122
17	2048	2071	2088	2101	2112	2121	2129	2136
18	2062	2084	2101	2114	2125	2134	2142	2149
19	2075	2097	2113	2126	2137	2146	2154	2161
20	2087	2108	2124	2137	2147	2156	2164	2171
Λ_K	1,565	1,233	1,019	0,870	0,761	0,676	0,607	0,550
v_K	1167	1103	1048	1001	961	926	894	864
$B_{,1}$	1,541	1,373	1,242	1,136	1,049	0,975	0,910	0,851
$\Delta_{\partial} \backslash P_m$	3200	3600	4000	4400	4800	5200	5600	6000

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$$\Delta = 0,64$$

Δ_{∂} / P_m	1600	1800	2000	2200	2400	2600	2800	3000	3200
1,0	3311	3311	3311	3311	3311	3311	3311	3311	3311
1,5	3361	3361	3361	3361	3361	3361	3361	3361	3361
2,0	3411	3411	3411	3411	3411	3411	3411	14256	1291
2,5	3461	3461	3461	3461	3461	3461	3461	1326	1365
3,0	3511	3511	3511	3511	3511	3511	3511	1414	1450
3,5	3561	3561	3561	3561	3561	3561	3561	1444	1480
4,0	3611	3611	3611	3611	3611	3611	3611	1485	1517
4,5	3661	3661	3661	3661	3661	3661	3661	1543	1573
5,0	3711	3711	3711	3711	3711	3711	3711	1591	1620
5,5	3761	3761	3761	3761	3761	3761	3761	1632	1660
6,0	3811	3811	3811	3811	3811	3811	3811	1668	1695
6,5	3861	3861	3861	3861	3861	3861	3861	1700	1726
7,0	3911	3911	3911	3911	3911	3911	3911	1728	1753
7,5	3961	3961	3961	3961	3961	3961	3961	1753	1777
8,0	4011	4011	4011	4011	4011	4011	4011	1776	1799
9,0	4061	4061	4061	4061	4061	4061	4061	1797	1820
10	4111	4111	4111	4111	4111	4111	4111	1834	1856
11	4161	4161	4161	4161	4161	4161	4161	1866	1888
12	4211	4211	4211	4211	4211	4211	4211	1894	1915
13	4261	4261	4261	4261	4261	4261	4261	1919	1939
14	4311	4311	4311	4311	4311	4311	4311	1941	1961
15	4361	4361	4361	4361	4361	4361	4361	1962	1982
16	4411	4411	4411	4411	4411	4411	4411	1981	2001
17	4461	4461	4461	4461	4461	4461	4461	1998	2018
18	4511	4511	4511	4511	4511	4511	4511	2014	2033
19	4561	4561	4561	4561	4561	4561	4561	2029	2047
20	4611	4611	4611	4611	4611	4611	4611	2042	2061
A_R	17,46	9,556	6,207	4,410	3,362	2,696	2,227	1,886	1,636
V_R	1738	1622	1528	1448	1378	1317	1265	1221	1183
B	3,434	2,986	2,654	2,387	2,163	1,975	1,818	1,688	1,582

$\Delta = 0,64$

$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$

$\Lambda_{\partial} \backslash p_m$	3200	3600	4000	4400	4800	5200	5600	6000
1,0				1071	1109	1140	1166	1188
1,5		1201	1247	1283	1312	1336	1357	1375
2,0	1291	1347	1387	1418	1442	1462	1479	1494
2,5	1398	1447	1483	1511	1533	1551	1566	1580
3,0	1480	1524	1557	1583	1603	1620	1634	1646
3,5	1545	1586	1616	1641	1659	1676	1689	1701
4,0	1598	1637	1666	1689	1707	1722	1735	1747
4,5	1643	1680	1708	1729	1747	1761	1774	1786
5,0	1682	1717	1743	1764	1781	1795	1808	1819
5,5	1716	1749	1774	1795	1811	1825	1837	1847
6,0	1746	1777	1802	1822	1838	1851	1863	1872
6,5	1772	1803	1827	1846	1862	1875	1886	1895
7,0	1796	1827	1850	1868	1884	1897	1908	1916
7,5	1818	1848	1871	1889	1904	1917	1928	1936
8,0	1838	1867	1890	1908	1923	1935	1945	1954
9	1874	1902	1923	1940	1954	1966	1976	1985
10	1905	1933	1953	1969	1982	1993	2003	2012
11	1932	1959	1979	1994	2007	2018	2028	2036
12	1956	1982	2002	2016	2029	2040	2050	2058
13	1978	2003	2022	2036	2049	2059	2069	2077
14	1998	2022	2040	2055	2067	2076	2086	2094
15	2016	2040	2057	2072	2083	2092	2101	2109
16	2032	2056	2073	2087	2098	2107	2115	2123
17	2047	2071	2088	2101	2112	2121	2129	2136
18	2061	2085	2101	2114	2125	2134	2142	2149
19	2074	2097	2113	2126	2137	2146	2154	2161
20	2085	2108	2124	2137	2147	2156	2164	2171
Λ_R	1,636	1,287	1,061	0,903	0,788	0,700	0,630	0,572
v_R	1183	1119	1064	1017	977	942	910	880
B	1,582	1,410	1,276	1,168	1,080	1,005	0,939	0,880
$\Lambda_{\partial} \backslash p_m$	3200	3600	4000	4400	4800	5200	5600	6000

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$$\Delta = 0,65$$

$\Delta_{\partial} \backslash P_m$	1600	1800	2000	2200	2400	2600	2800	3000	3200
1,0									
1,5									
2,0								1245	1280
2,5							1315	1355	1388
3,0						1363	1405	1442	1471
3,5						1436	1476	1511	1537
4,0					1448	1495	1534	1567	1592
4,5					1498	1545	1583	1614	1638
5,0				1489	1542	1588	1625	1654	1677
5,5				1530	1581	1625	1661	1689	1711
6,0				1566	1616	1658	1693	1720	1741
6,5				1599	1648	1688	1721	1747	1768
7,0			1565	1628	1676	1715	1747	1772	1792
7,5			1591	1653	1701	1739	1770	1795	1814
8,0			1616	1675	1723	1761	1791	1815	1834
9			1660	1717	1764	1800	1829	1852	1870
10			1698	1754	1799	1834	1862	1884	1902
11		1658	1732	1786	1829	1863	1890	1911	1929
12		1690	1762	1814	1855	1888	1914	1935	1953
13		1719	1789	1839	1879	1911	1936	1957	1974
14		1744	1814	1862	1901	1932	1957	1977	1994
15		1767	1836	1883	1921	1952	1976	1996	2012
16		1789	1856	1903	1940	1970	1994	2013	2028
17		1809	1875	1922	1958	1987	2010	2029	2043
18		1828	1893	1939	1974	2002	2025	2043	2057
19		1847	1909	1954	1983	2016	2038	2056	2070
20	1764	1865	1924	1968	2002	2029	2051	2068	2082
Δ_x	19,99	10,59	6,771	4,774	3,592	2,860	2,356	1,995	1,723
v_x	1764	1643	1549	1469	1399	1338	1285	1239	1200
B	3,529	3,060	2,719	2,448	2,222	2,032	1,873	1,741	1,634
$\Delta_{\partial} \backslash P_m$	1600	1800	2000	2200	2400	2600	2800	3000	3200

$\Delta = 0,65$

$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$

P_m Δ_{∂}	3200	3600	4000	4400	4800	5200	5600	6000
1,0				1062	1100	1134	1162	1185
1,5		1192	1240	1278	1308	1333	1355	1373
2,0	1280	1339	1382	1414	1439	1460	1478	1493
2,5	1388	1440	1478	1506	1530	1550	1566	1579
3,0	1471	1519	1553	1578	1601	1619	1634	1646
3,5	1537	1581	1613	1637	1658	1675	1689	1701
4,0	1592	1632	1663	1686	1706	1722	1735	1747
4,5	1638	1676	1705	1727	1746	1761	1774	1786
5,0	1677	1712	1741	1762	1780	1795	1808	1819
5,5	1711	1745	1773	1793	1810	1825	1837	1848
6,0	1741	1775	1801	1821	1837	1852	1863	1874
6,5	1768	1801	1826	1846	1862	1876	1887	1897
7,0	1792	1824	1848	1868	1884	1898	1909	1918
7,5	1814	1845	1869	1888	1904	1917	1928	1937
8,0	1834	1864	1888	1907	1922	1934	1945	1954
9	1870	1899	1921	1939	1954	1966	1976	1986
10	1902	1929	1951	1968	1982	1994	2004	2014
11	1929	1956	1977	1994	2007	2019	2028	2038
12	1953	1980	2000	2017	2029	2041	2050	2059
13	1974	2001	2021	2037	2049	2060	2069	2078
14	1994	2020	2039	2055	2067	2077	2086	2095
15	2012	2037	2056	2071	2083	2093	2102	2110
16	2028	2052	2071	2086	2098	2108	2117	2124
17	2043	2067	2086	2100	2112	2122	2131	2138
18	2057	2081	2099	2113	2125	2135	2144	2151
19	2070	2094	2112	2125	2136	2146	2155	2162
20	2082	2105	2123	2136	2147	2157	2165	2172
A_{K}	1,723	1,348	1,104	0,937	0,818	0,727	0,653	0,592
v_{K}	1200	1135	1080	1033	992	956	924	895
B	1,634	1,457	1,318	1,206	1,114	1,037	0,969	0,910
Δ_{∂} P_m	3200	3600	4000	4400	4800	5200	5600	6000

$$v_{\partial} = v_{\text{рабш}} \sqrt{\frac{\omega}{\varphi q}}$$

$$\Delta = 0,66$$

$\Delta_{\partial} \backslash P_m$	1800	2000	2200	2400	2600	2800	3000	3200
1,0	811	811	801	801			↓	0,1
1,5	831	831	821	821	821	811		0,1
2,0	731	801	751	801	871	821	821	1269
2,5	681	801	751	801	871	1307	1346	1378
3,0	631	711	801	871	821	1396	1433	1463
3,5	681	771	831	831	1426	1468	1503	1531
4,0	631	771	801	1437	1486	1527	1560	1586
4,5	671	771	841	1489	1536	1576	1608	1632
5,0	701	801	871	1533	1578	1617	1648	1671
5,5	701	801	1521	1572	1616	1653	1683	1705
6,0	701	821	1557	1606	1650	1685	1714	1735
6,5	701	871	1589	1637	1630	1714	1742	1762
7,0	801	781	1617	1665	1707	1740	1767	1787
7,5	801	1578	1643	1691	1731	1764	1789	1809
8,0	811	1603	1667	1715	1754	1785	1809	1829
9	871	1647	1708	1755	1793	1823	1846	1865
10	801	1685	1744	1790	1827	1856	1878	1897
11	801	1719	1776	1821	1856	1885	1906	1925
12	1674	1750	1805	1848	1882	1910	1931	1949
13	1703	1778	1831	1872	1906	1932	1953	1970
14	1728	1803	1854	1894	1927	1952	1973	1990
15	1751	1826	1876	1915	1947	1971	1992	2008
16	1773	1847	1896	1934	1965	1989	2009	2025
17	1794	1866	1914	1951	1982	2005	2025	2040
18	1814	1884	1931	1967	1997	2019	2039	2054
19	1833	1900	1946	1982	2011	2033	2052	2067
20	1851	1915	1960	1996	2024	2046	2064	2078
$\Lambda_{\text{к.0}}$	11,75	7,389	5,149	3,839	3,038	2,498	2,102	1,813
$v_{\text{к}}$	1667	1572	1491	1420	1358	1304	1257	1217
B	3,140	2,790	2,512	2,282	2,089	1,926	1,792	1,684
$\Delta_{\partial} \backslash P_m$	1800	2000	2200	2400	2600	2800	3000	3200

$\Delta = 0,66$

$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi\varphi}}$

$\Lambda_{\partial} \backslash P_m$	3200	3600	4000	4400	4800	5200	5600	6000
1,0				1056	1095	1129	1158	1181
1,5		1183	1233	1273	1305	1331	1352	1370
2,0	1269	1329	1374	1409	1437	1458	1477	1493
2,5	1378	1434	1474	1504	1528	1548	1565	1580
3,0	1463	1513	1549	1576	1598	1617	1634	1647
3,5	1531	1576	1610	1635	1656	1674	1689	1701
4,0	1586	1628	1660	1684	1704	1721	1735	1746
4,5	1632	1671	1702	1725	1744	1761	1774	1784
5,0	1671	1708	1738	1760	1779	1795	1807	1817
5,5	1705	1741	1770	1791	1809	1825	1837	1847
6,0	1735	1770	1799	1819	1837	1852	1864	1874
6,5	1762	1796	1824	1844	1862	1876	1888	1898
7,0	1787	1820	1846	1866	1884	1897	1909	1919
7,5	1809	1841	1866	1886	1903	1916	1928	1937
8,0	1829	1860	1885	1905	1921	1934	1945	1954
9	1865	1896	1920	1939	1954	1966	1976	1985
10	1897	1927	1950	1968	1982	1994	2004	2013
11	1925	1954	1977	1994	2007	2019	2028	2037
12	1949	1977	2000	2017	2030	2041	2050	2058
13	1970	1998	2020	2037	2050	2060	2069	2077
14	1990	2017	2038	2055	2067	2077	2086	2094
15	2008	2034	2055	2071	2083	2093	2102	2110
16	2025	2050	2071	2086	2098	2108	2117	2124
17	2040	2065	2085	2100	2112	2122	2131	2138
18	2054	2079	2098	2113	2125	2135	2144	2151
19	2067	2091	2110	2125	2137	2147	2155	2162
20	2078	2102	2121	2136	2148	2158	2166	2172
$\Lambda_{\text{к}}$	1,813	1,408	1,156	0,979	0,849	0,751	0,675	0,614
$v_{\text{к}}$	1217	1152	1096	1048	1007	971	939	911
B	1,684	1,502	1,358	1,239	1,146	1,066	0,997	0,942
$\Lambda_{\partial} \backslash P_m$	3200	3600	4000	4400	4800	5200	5600	6000

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$$\Delta = 0,67$$

$\Delta_{\partial} \backslash P_m$	1800	2000	2200	2400	2600	2800	3000	3200
1,0	1131	1131	1131					
1,5	1081	1081	1081					
2,0	1031	1031	1031					1262
2,5	981	981	981				1337	1371
3,0	931	931	931			1388	1425	1456
3,5	881	881	881		1419	1461	1496	1525
4,0	831	831	831		1478	1519	1563	1581
4,5	781	781	781	1481	1528	1568	1601	1627
5,0	731	731	731	1525	1571	1610	1642	1667
5,5	681	681	681	1564	1609	1647	1678	1702
6,0	631	631	1544	1599	1643	1680	1709	1732
6,5	581	581	1577	1631	1673	1709	1737	1759
7,0	531	531	1606	1659	1701	1735	1762	1784
7,5	481	481	1632	1684	1726	1759	1785	1807
8,0	431	431	1656	1707	1748	1780	1806	1828
9	381	1636	1699	1748	1787	1818	1843	1864
10	331	1675	1736	1784	1821	1851	1876	1895
11	281	1710	1769	1815	1851	1880	1904	1922
12	231	1741	1797	1842	1877	1905	1928	1946
13	181	1768	1822	1866	1900	1928	1950	1968
14	1715	1793	1846	1888	1921	1948	1970	1987
15	1738	1816	1868	1909	1941	1967	1988	2005
16	1760	1837	1888	1928	1959	1984	2005	2022
17	1781	1856	1907	1946	1976	2000	2021	2037
18	1800	1874	1924	1962	1992	2015	2036	2052
19	1819	1891	1940	1977	2006	2029	2050	2065
20	1837	1907	1955	1991	2019	2042	2062	2077
Λ_x	13,11	8,126	5,576	4,122	3,238	2,643	2,223	1,905
v_x	1689	1593	1512	1441	1379	1324	1276	1235
B	3,216	2,854	2,570	2,336	2,140	1,975	1,838	1,726
$\Delta_{\partial} \backslash P_m$	1800	2000	2200	2400	2600	2800	3000	3200

$\Delta = 0,67$

3300

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

Λ_{∂} / p_m	3200	3600	4000	4400	4800	5200	5600	6000
1,0					1088	1123	1153	1178
1,5		1177	1227	1267	1300	1327	1350	1370
2,0	1262	1325	1371	1406	1434	1457	1476	1492
2,5	1371	1427	1468	1500	1526	1547	1565	1581
3,0	1456	1507	1543	1572	1596	1616	1633	1647
3,5	1525	1572	1605	1632	1654	1672	1688	1702
4,0	1581	1624	1656	1682	1703	1720	1735	1748
4,5	1627	1667	1698	1724	1744	1760	1774	1786
5,0	1667	1705	1735	1760	1779	1794	1807	1819
5,5	1702	1739	1768	1791	1809	1824	1836	1848
6,0	1732	1768	1796	1818	1835	1850	1862	1874
6,5	1759	1794	1821	1842	1859	1874	1886	1898
7,0	1784	1818	1844	1864	1881	1896	1908	1919
7,5	1807	1840	1865	1885	1902	1916	1928	1938
8,0	1828	1860	1885	1905	1921	1934	1945	1955
9	1864	1895	1918	1938	1953	1966	1977	1986
10	1895	1925	1948	1967	1982	1994	2005	2014
11	1922	1951	1974	1992	2007	2019	2029	2038
12	1946	1975	1997	2015	2029	2041	2050	2059
13	1968	1996	2018	2035	2049	2060	2069	2077
14	1987	2015	2037	2053	2066	2077	2086	2094
15	2005	2033	2054	2070	2082	2093	2102	2110
16	2022	2049	2070	2086	2097	2108	2117	2125
17	2037	2064	2084	2100	2112	2122	2131	2139
18	2052	2077	2097	2113	2125	2135	2144	2152
19	2065	2089	2109	2124	2136	2146	2155	2163
20	2077	2101	2120	2135	2147	2157	2166	2174
Λ_R	1,905	1,477	1,204	1,020	0,883	0,779	0,699	0,636
v_R	1235	1168	1112	1064	1023	987	955	926
B	1,726	1,541	1,395	1,278	1,182	1,100	1,030	0,969
Λ_{∂} / p_m	3200	3600	4000	4400	4800	5200	5600	6000

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$$\Delta = 0,68$$

Λ_{∂} \ / \ p_m	1800	2000	2200	2400	2600	2800	3000	3200
1,0	841	711	581					0,1
1,5	841	711	581	381	181			0,1
2,0	841	711	581	381	381	711		0,2
2,5	841	711	581	381	381	381	1326	1362
3,0	841	711	581	381	381	1377	1416	1449
3,5	841	711	581	381	1406	1450	1487	1518
4,0	841	711	581	381	1465	1508	1545	1575
4,5	841	711	581	1467	1515	1557	1593	1622
5,0	841	711	581	1512	1559	1600	1634	1662
5,5	841	711	581	1551	1598	1637	1670	1697
6,0	841	711	581	1586	1632	1670	1702	1728
6,5	841	711	1561	1617	1662	1699	1730	1755
7,0	841	711	1590	1645	1690	1726	1755	1779
7,5	841	711	1617	1671	1715	1750	1778	1801
8,0	841	711	1641	1694	1737	1771	1799	1822
9	841	1619	1685	1736	1778	1810	1837	1859
10	841	1659	1723	1772	1812	1843	1869	1891
11	841	1694	1756	1803	1841	1872	1897	1918
12	841	1725	1785	1830	1867	1898	1922	1942
13	841	1753	1811	1855	1891	1921	1944	1964
14	841	1778	1835	1878	1913	1942	1965	1984
15	1720	1801	1857	1899	1933	1961	1984	2002
16	1741	1822	1877	1919	1952	1979	2001	2019
17	1762	1842	1896	1937	1969	1995	2016	2034
18	1781	1861	1913	1953	1984	2010	2031	2049
19	1799	1878	1929	1968	1998	2024	2045	2062
20	1817	1894	1944	1982	2012	2037	2057	2074
$\Lambda_{\text{K}} 0$	14,85	8,896	6,061	4,424	3,440	2,805	2,344	2,010
v_{K}	1715	1615	1533	1462	1399	1344	1295	1252
$B 0$	3,317	2,942	2,652	2,413	2,211	2,039	1,894	1,773
Λ_{∂} \ / \ p_m	1800	2000	2200	2400	2600	2800	3000	3200

$\Delta = 0,68$

$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$

$\Lambda_{\partial} \backslash P_m$	3200	3600	4000	4400	4800	5200	5600	6000
1,0					1082	1117	1148	1175
1,5			1221	1262	1296	1324	1348	1369
2,0		1317	1367	1403	1431	1454	1474	1492
2,5	1362	1422	1466	1498	1524	1545	1563	1579
3,0	1449	1503	1542	1571	1594	1614	1632	1646
3,5	1518	1568	1604	1630	1652	1671	1688	1701
4,0	1575	1620	1655	1680	1701	1719	1734	1747
4,5	1622	1664	1697	1722	1742	1759	1773	1786
5,0	1662	1702	1733	1758	1777	1793	1807	1819
5,5	1697	1735	1765	1789	1808	1823	1837	1848
6,0	1728	1765	1793	1816	1835	1850	1863	1874
6,5	1755	1792	1819	1841	1859	1874	1887	1898
7,0	1779	1816	1842	1863	1881	1896	1909	1919
7,5	1801	1837	1863	1884	1901	1916	1928	1938
8,0	1822	1857	1883	1903	1920	1934	1945	1955
9	1859	1893	1917	1936	1952	1966	1977	1986
10	1891	1923	1946	1965	1981	1994	2005	2014
11	1918	1949	1972	1991	2006	2018	2029	2038
12	1942	1972	1995	2014	2028	2040	2050	2059
13	1964	1993	2016	2034	2048	2060	2069	2078
14	1984	2013	2035	2052	2066	2078	2087	2095
15	2002	2031	2052	2069	2082	2094	2103	2110
16	2019	2047	2068	2084	2097	2109	2118	2125
17	2034	2061	2082	2098	2111	2123	2132	2139
18	2049	2074	2095	2111	2124	2135	2144	2152
19	2062	2087	2107	2123	2136	2146	2155	2163
20	2074	2099	2118	2134	2147	2157	2166	2173
$\Lambda_{\text{к}}$	2,010	1,548	1,259	1,057	0,916	0,810	0,725	0,655
$v_{\text{к}}$	1252	1185	1129	1081	1039	1002	969	939
B	1,773	1,582	1,433	1,314	1,216	1,132	1,060	0,998
$\Lambda_{\partial} \backslash P_m$	3200	3600	4000	4400	4800	5200	5600	6000

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$$\Delta = 0,69$$

$\Lambda_{\partial} \backslash p_m$	1800	2000	2200	2400	2600	2800	3000	3200
1,0	1111	1111	1070					1,1
1,5	1181	1221	1221	1221	1211			1,2
2,0	1251	1311	1311	1311	1301	1271		1,3
2,5	1321	1401	1401	1401	1391	1371	1317	1355
3,0	1391	1481	1481	1481	1471	1451	1406	1441
3,5	1461	1581	1581	1581	1571	1551	1479	1511
4,0	1531	1681	1681	1681	1671	1651	1538	1569
4,5	1601	1781	1781	1781	1771	1751	1587	1616
5,0	1671	1881	1881	1881	1871	1851	1628	1657
5,5	1741	1981	1981	1981	1971	1951	1664	1692
6,0	1811	2081	2081	2081	2071	2051	1696	1723
6,5	1881	2181	2181	2181	2171	2151	1724	1751
7,0	1951	2281	2281	2281	2271	2251	1750	1776
7,5	2021	2381	2381	2381	2371	2351	1773	1798
8,0	2091	2481	2481	2481	2471	2451	1795	1819
9	2161	2581	2581	2581	2571	2551	1832	1854
10	2231	2681	2681	2681	2671	2651	1865	1886
11	2301	2781	2781	2781	2771	2751	1893	1914
12	2371	2881	2881	2881	2871	2851	1917	1938
13	2441	2981	2981	2981	2971	2951	1939	1960
14	2511	3081	3081	3081	3071	3051	1960	1980
15	2581	3181	3181	3181	3171	3151	1979	1999
16	2651	3281	3281	3281	3271	3251	1996	2016
17	2721	3381	3381	3381	3371	3351	2012	2032
18	2791	3481	3481	3481	3471	3451	2027	2046
19	2861	3581	3581	3581	3571	3551	2041	2059
20	2931	3681	3681	3681	3671	3651	2054	2072
Λ_{κ}	16,62	9,759	6,597	4,783	3,678	2,966	2,481	2,115
v_{κ}	1738	1637	1554	1482	1419	1363	1314	1271
B	3,410	3,020	2,722	2,477	2,270	2,094	1,945	1,820
$\Lambda_{\partial} \backslash p_m$	1800	2000	2200	2400	2600	2800	3000	3200

$\Delta = 0,69$

$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$

$\Delta_{\partial} \backslash P_m$	3200	3600	4000	4400	4800	5200	5600	6000
1,0					1076	1112	1143	1170
1,5			1215	1258	1293	1322	1346	1366
2,0		1310	1360	1399	1429	1453	1473	1490
2,5	1355	1415	1460	1495	1522	1544	1562	1577
3,0	1441	1497	1538	1569	1594	1614	1632	1645
3,5	1511	1563	1600	1629	1653	1671	1688	1700
4,0	1569	1617	1651	1678	1701	1719	1734	1747
4,5	1616	1662	1694	1719	1741	1759	1773	1786
5,0	1657	1700	1731	1755	1776	1793	1807	1819
5,5	1692	1733	1763	1787	1807	1823	1837	1848
6,0	1723	1762	1791	1815	1834	1849	1863	1875
6,5	1751	1789	1817	1840	1858	1873	1886	1898
7,0	1776	1813	1840	1862	1880	1895	1907	1919
7,5	1798	1834	1861	1883	1901	1915	1927	1938
8,0	1819	1854	1880	1902	1920	1934	1945	1955
9	1854	1889	1914	1935	1952	1966	1977	1986
10	1886	1920	1944	1964	1980	1994	2005	2014
11	1914	1946	1970	1990	2005	2018	2029	2038
12	1938	1969	1993	2012	2027	2039	2050	2059
13	1960	1991	2014	2032	2047	2058	2069	2078
14	1980	2011	2033	2051	2065	2076	2086	2095
15	1999	2029	2051	2068	2082	2093	2102	2111
16	2016	2045	2067	2084	2097	2108	2117	2126
17	2032	2060	2081	2098	2111	2122	2131	2140
18	2046	2073	2094	2111	2124	2135	2144	2152
19	2059	2085	2106	2123	2136	2147	2156	2163
20	2072	2097	2117	2134	2147	2158	2167	2174
Λ_K	2,115	1,621	1,315	1,108	0,955	0,840	0,752	0,681
v_K	1271	1202	1145	1096	1054	1017	984	955
B	1,820	1,628	1,474	1,349	1,249	1,164	1,092	1,030
$\Delta_{\partial} \backslash P_m$	3200	3600	4000	4400	4800	5200	5600	6000

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$\Delta = 0,70$

Δ_{∂} / ρ_m	1800	2000	2200	2400	2600	2800	3000	3200
1,0	1139	1011	970					
1,5	1348	1218	1188	1252	1308			
2,0	1471	1341	1311	1375	1431	1487		
2,5	1594	1464	1434	1498	1554	1610	1666	1722
3,0	1717	1587	1557	1621	1677	1733	1789	1845
3,5	1840	1710	1680	1744	1800	1856	1912	1968
4,0	1963	1833	1803	1867	1923	1979	2035	2091
4,5	2086	1956	1926	1990	2046	2102	2158	2214
5,0	2209	2079	2049	2113	2169	2225	2281	2337
5,5	2332	2192	2162	2226	2282	2338	2394	2450
6,0	2455	2315	2285	2349	2405	2461	2517	2573
6,5	2578	2438	2408	2472	2528	2584	2640	2696
7,0	2701	2561	2531	2595	2651	2707	2763	2819
7,5	2824	2684	2654	2718	2774	2830	2886	2942
8,0	2947	2807	2777	2841	2897	2953	3009	3065
9	3070	2930	2900	2964	3020	3076	3132	3188
10	3193	2993	2963	3027	3083	3139	3195	3251
11	3316	3096	3066	3130	3186	3242	3298	3354
12	3439	3199	3169	3233	3289	3345	3401	3457
13	3562	3299	3269	3333	3389	3445	3501	3557
14	3685	3399	3369	3433	3489	3545	3601	3657
15	3808	3499	3469	3533	3589	3645	3701	3757
16	3931	3599	3569	3633	3689	3745	3801	3857
17	4054	3699	3669	3733	3789	3845	3901	3957
18	4177	3799	3769	3833	3889	3945	4001	4057
19	4300	3899	3869	3933	3989	4045	4101	4157
20	4423	3999	3969	4033	4089	4145	4201	4257
$\Lambda_{\text{к}}$	18,90	10,80	7,180	5,182	3,944	3,162	2,616	2,227
$v_{\text{к}}$	1761	1659	1575	1503	1440	1384	1334	1289
B	3,525	3,098	2,793	2,544	2,333	2,153	2,000	1,871
Δ_{∂} / ρ_m	1800	2000	2200	2400	2600	2800	3000	3200

$\Delta = 0,70$

$v_{\theta} = v_{\text{раб}} \sqrt{\frac{\omega}{\varphi q}}$

ρ_m Δ_{θ}	3200	3600	4000	4400	4800	5200	5600	6000
1,0					1070	1105	1135	1160
1,5			1209	1252	1288	1318	1343	1364
2,0		1303	1355	1394	1425	1450	1471	1489
2,5	1345	1409	1457	1492	1520	1542	1561	1578
3,0	1434	1492	1535	1567	1592	1612	1630	1646
3,5	1505	1558	1597	1627	1650	1670	1687	1701
4,0	1562	1612	1649	1676	1699	1718	1734	1747
4,5	1610	1657	1692	1718	1740	1758	1773	1786
5,0	1651	1696	1729	1754	1775	1792	1806	1819
5,5	1686	1730	1762	1786	1806	1822	1836	1849
6,0	1717	1759	1790	1814	1833	1849	1863	1875
6,5	1745	1785	1815	1838	1857	1873	1887	1898
7,0	1770	1809	1838	1860	1879	1895	1908	1919
7,5	1793	1831	1859	1881	1899	1915	1928	1938
8,0	1814	1852	1880	1901	1918	1933	1946	1956
9	1850	1887	1914	1934	1951	1965	1977	1987
10	1882	1918	1943	1963	1979	1993	2005	2015
11	1910	1945	1969	1988	2004	2017	2029	2039
12	1935	1967	1992	2011	2026	2039	2051	2060
13	1957	1989	2013	2031	2046	2059	2070	2078
14	1977	2008	2032	2050	2064	2077	2087	2095
15	1995	2026	2049	2067	2081	2093	2103	2111
16	2012	2043	2065	2082	2096	2108	2118	2126
17	2028	2058	2080	2096	2110	2122	2132	2140
18	2043	2072	2093	2109	2123	2135	2145	2153
19	2056	2084	2105	2121	2135	2146	2156	2165
20	2068	2096	2117	2133	2146	2157	2166	2176
$\Delta_{\text{к}}$	2,227	1,700	1,373	1,151	0,990	0,869	0,777	0,706
$v_{\text{к}}$	1289	1219	1161	1111	1068	1031	999	970
B	1,871	1,667	1,510	1,389	1,286	1,198	1,125	1,062
Δ_{θ} ρ_m	3200	3600	4000	4400	4800	5200	5600	6000

$$v_{\theta} = v_{\text{табл}} \sqrt{\frac{\phi}{\varphi q}}$$

$$\Delta = 0,71$$

$\Lambda_{\theta} \backslash p_m$	2000	2200	2400	2600	2800	3000	3200	3600
1,0	1130	890						0,1
1,5	1240	818						0,1
2,0	1470	844					1291	
2,5	1581	843					1335	1399
3,0	1832	813				1390	1425	1484
3,5	1881	878			1423	1463	1497	1552
4,0	1734	717			1483	1522	1555	1607
4,5	1771	737		1488	1532	1571	1603	1653
5,0	1807	781		1530	1574	1612	1644	1692
5,5	1881	1281		1567	1611	1648	1679	1725
6,0	1881	848	1552	1601	1644	1680	1710	1754
6,5	1881	878	1583	1632	1674	1709	1738	1780
7,0	1907	884	1611	1660	1702	1736	1764	1804
7,5	1927	814	1637	1686	1727	1760	1787	1827
8,0	1941	1604	1662	1710	1750	1782	1808	1848
9	1971	1649	1705	1752	1789	1820	1845	1883
10	2008	1688	1743	1788	1824	1853	1877	1913
11	2030	1723	1776	1819	1854	1882	1905	1940
12	2081	1754	1805	1846	1880	1907	1930	1964
13	1711	1781	1830	1870	1903	1930	1952	1986
14	1736	1805	1853	1892	1924	1950	1972	2005
15	1759	1827	1874	1912	1943	1969	1991	2023
16	1781	1847	1894	1931	1961	1986	2008	2040
17	1801	1866	1912	1948	1978	2002	2023	2055
18	1821	1884	1929	1964	1993	2017	2037	2069
19	1840	1901	1945	1979	2008	2031	2050	2082
20	1858	1917	1960	1994	2022	2045	2063	2094
Λ_R	12,04	7,867	5,597	4,229	3,361	2,782	2,351	1,780
v_R	1683	1597	1524	1460	1404	1353	1308	1234
B	3,177	2,864	2,611	2,398	2,216	2,060	1,927	1,715
$\Lambda_{\theta} \backslash p_m$	2000	2200	2400	2600	2800	3000	3200	3600

$\Delta = 0,71$

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$\Lambda_{\partial} \backslash p_m$	3600	4000	4400	4800	5200	5600	6000
1,0					1098	1130	1159
1,5		1202	1248	1284	1314	1340	1362
2,0	1291	1347	1389	1422	1448	1470	1489
2,5	1399	1451	1489	1519	1543	1562	1578
3,0	1484	1530	1565	1592	1613	1632	1646
3,5	1552	1594	1625	1649	1670	1688	1702
4,0	1607	1646	1675	1697	1717	1734	1748
4,5	1653	1689	1717	1738	1757	1773	1787
5,0	1692	1726	1753	1773	1791	1807	1820
5,5	1725	1758	1784	1804	1821	1836	1849
6,0	1754	1786	1811	1831	1848	1862	1874
6,5	1780	1811	1835	1855	1872	1885	1897
7,0	1804	1834	1858	1877	1894	1907	1918
7,5	1827	1856	1879	1898	1914	1927	1938
8,0	1848	1877	1899	1917	1933	1946	1957
9	1883	1911	1933	1950	1965	1977	1988
10	1913	1941	1962	1979	1993	2005	2016
11	1940	1967	1987	2004	2018	2030	2040
12	1964	1990	2010	2026	2040	2051	2061
13	1986	2011	2030	2046	2059	2070	2080
14	2005	2030	2049	2064	2076	2087	2097
15	2023	2047	2066	2080	2092	2103	2112
16	2040	2063	2081	2095	2107	2117	2126
17	2055	2078	2095	2109	2121	2131	2140
18	2069	2091	2108	2122	2134	2144	2153
19	2082	2103	2120	2134	2146	2156	2164
20	2094	2115	2131	2145	2156	2166	2174
$\Lambda_{K,1}$	1,780	1,436	1,200	1,031	0,907	0,809	0,728
$v_{K,1}$	1234	1176	1128	1086	1048	1014	984
$B_{,1}$	1,715	1,553	1,427	1,321	1,232	1,156	1,090
$\Lambda_{\partial} \backslash p_m$	3600	4000	4400	4800	5200	5600	6000

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$$\Delta = 0,72$$

Δ_{∂} / ρ_m	2000	2200	2400	2600	2800	3000	3200	3600
1,0	8211	1001						0,1
1,5	8281	1161	0831					3,1
2,0	8341	1341	0941					1284
2,5	1381	1431	7111				1329	1391
3,0	1391	2181	0831			1383	1419	1478
3,5	8831	0831	7131			1455	1490	1547
4,0	8371	3171	0831		1473	1513	1547	1603
4,5	8771	3571	8371		1523	1562	1595	1649
5,0	7801	1971	8771	1520	1565	1603	1636	1688
5,5	8831	1281	8081	1557	1602	1639	1672	1721
6,0	8831	7481	0831	1591	1635	1672	1704	1750
6,5	8881	1781	1571	1622	1665	1702	1733	1777
7,0	8991	8991	1599	1650	1693	1729	1759	1802
7,5	8991	8191	1625	1676	1719	1754	1782	1824
8,0	8191	8891	1650	1700	1742	1776	1803	1845
9	7791	1635	1693	1741	1781	1814	1840	1881
10	8091	1674	1732	1777	1816	1847	1873	1911
11	8091	1709	1766	1809	1846	1876	1901	1937
12	8091	1740	1795	1837	1872	1901	1926	1961
13	1701	1767	1820	1862	1896	1924	1948	1983
14	1720	1791	1843	1884	1918	1945	1968	2003
15	1743	1813	1864	1904	1937	1964	1986	2021
16	1765	1834	1884	1923	1955	1982	2003	2037
17	1785	1854	1902	1941	1972	1998	2019	2052
18	1804	1872	1919	1957	1988	2013	2033	2066
19	1823	1890	1936	1973	2003	2027	2047	2079
20	1841	1907	1952	1988	2017	2041	2060	2091
$\Lambda_{\kappa, 0}$	13,49	8,633	6,099	4,582	3,596	2,949	2,487	1,873
v_{κ}	1705	1618	1545	1481	1424	1373	1326	1252
B	3,267	2,942	2,682	2,464	2,277	2,116	1,977	1,758

$\Delta = 0,72$

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$\Delta_{\partial} \backslash P_m$	3600	4000	4400	4800	5200	5600	6000
1,0					1091	1123	1152
1,5		1194	1242	1280	1311	1338	1361
2,0	1284	1342	1385	1419	1446	1468	1488
2,5	1391	1446	1486	1517	1541	1561	1578
3,0	1478	1525	1562	1589	1612	1631	1646
3,5	1547	1588	1621	1647	1669	1688	1701
4,0	1603	1641	1671	1696	1716	1733	1747
4,5	1649	1686	1714	1738	1756	1773	1786
5,0	1688	1724	1751	1773	1791	1807	1820
5,5	1721	1756	1782	1803	1821	1836	1849
6,0	1750	1784	1809	1830	1847	1862	1875
6,5	1777	1810	1834	1854	1871	1885	1898
7,0	1802	1834	1857	1876	1893	1906	1918
7,5	1824	1855	1878	1897	1913	1926	1938
8,0	1845	1875	1898	1916	1932	1945	1956
9	1881	1909	1932	1949	1964	1977	1987
10	1911	1939	1961	1978	1993	2005	2015
11	1937	1965	1987	2004	2018	2030	2040
12	1961	1988	2009	2025	2040	2052	2062
13	1983	2009	2029	2045	2059	2071	2081
14	2003	2028	2047	2062	2076	2088	2097
15	2021	2046	2064	2079	2092	2103	2112
16	2037	2062	2079	2094	2106	2117	2126
17	2052	2076	2093	2107	2119	2130	2139
18	2066	2089	2106	2120	2132	2142	2151
19	2079	2102	2118	2132	2144	2154	2163
20	2091	2114	2130	2144	2156	2166	2174
Δ_K	1,873	1,494	1,249	1,071	0,938	0,835	0,753
v_K	1252	1193	1144	1101	1063	1029	999
B	1,758	1,594	1,466	1,358	1,267	1,189	1,122
$\Delta_{\partial} \backslash P_m$	3600	4000	4400	4800	5200	5600	6000

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$$\Delta = 0,73$$

ρ_m Δ_{∂}	2000	2200	2400	2600	2800	3000	3200	3600
1,0								
1,5								
2,0								1274
2,5								1382
3,0							1411	1471
3,5						1446	1483	1541
4,0					1463	1505	1540	1597
4,5					1512	1553	1587	1643
5,0				1508	1554	1594	1628	1682
5,5				1547	1591	1630	1664	1716
6,0				1581	1625	1663	1696	1746
6,5				1612	1656	1693	1726	1773
7,0			1589	1640	1684	1721	1752	1798
7,5			1616	1667	1710	1746	1776	1820
8,0			1640	1692	1734	1769	1797	1840
9			1683	1732	1773	1806	1835	1877
10		1659	1721	1769	1808	1839	1868	1908
11		1694	1755	1801	1838	1869	1896	1935
12		1724	1785	1829	1865	1895	1921	1959
13		1751	1811	1854	1889	1918	1943	1980
14		1776	1834	1876	1910	1939	1963	1999
15		1799	1856	1897	1930	1958	1982	2017
16	1748	1820	1876	1916	1949	1976	1999	2034
17	1768	1840	1894	1934	1966	1992	2014	2049
18	1787	1859	1911	1950	1981	2007	2029	2062
19	1806	1878	1928	1966	1996	2021	2043	2076
20	1824	1895	1943	1981	2010	2034	2056	2088
$\Delta_{\text{к}}$	15,13	9,487	6,652	4,952	3,860	3,142	2,639	1,965
$v_{\text{к}}$	1728	1640	1567	1503	1446	1394	1347	1269
B	3,359	3,026	2,750	2,530	2,341	2,177	2,034	1,808
Δ_{∂} ρ_m	2000	2200	2400	2600	2800	3000	3200	3600

$\Delta = 0,73$

$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega_1}{\varphi q}}$

$\Delta_{\partial} \backslash p_m$	3600	4000	4400	4800	5200	5600	6000
1,0					1085	1117	1147
1,5			1236	1276	1309	1336	1359
2,0	1274	1335	1381	1416	1444	1467	1487
2,5	1382	1438	1481	1513	1538	1559	1577
3,0	1471	1520	1558	1587	1610	1629	1646
3,5	1541	1585	1619	1645	1667	1685	1702
4,0	1597	1638	1669	1694	1715	1732	1748
4,5	1643	1682	1711	1735	1755	1772	1787
5,0	1682	1720	1748	1771	1790	1806	1820
5,5	1716	1753	1780	1802	1820	1836	1849
6,0	1746	1782	1808	1829	1847	1862	1875
6,5	1773	1808	1833	1853	1870	1885	1898
7,0	1798	1832	1856	1875	1892	1906	1918
7,5	1820	1853	1877	1896	1913	1926	1938
8,0	1840	1873	1897	1916	1932	1945	1957
9	1877	1907	1930	1949	1964	1976	1987
10	1908	1937	1959	1977	1992	2004	2015
11	1935	1963	1985	2003	2017	2029	2040
12	1959	1987	2008	2025	2039	2051	2062
13	1980	2007	2028	2044	2058	2070	2081
14	1999	2025	2046	2062	2075	2087	2098
15	2017	2043	2063	2078	2091	2103	2113
16	2034	2059	2079	2094	2106	2117	2126
17	2049	2074	2093	2108	2120	2130	2139
18	2062	2087	2106	2121	2133	2143	2152
19	2076	2100	2118	2133	2145	2155	2164
20	2088	2111	2129	2144	2156	2166	2175
Λ_{κ}	1,965	1,561	1,297	1,111	0,973	0,867	0,781
v_{κ}	1269	1209	1159	1116	1078	1044	1014
B	1,808	1,636	1,504	1,394	1,301	1,222	1,154
$\Delta_{\partial} \backslash p_m$	3600	4000	4400	4800	5200	5600	6000

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$$\Delta = 0,74$$

Λ_{∂} \ / \ ρ_m	2000	2200	2400	2600	2800	3000	3200	3600
1,0	1111							0,1
1,5	1331	1300	1270	1240	1210			0,1
2,0	1491	1440	1390	1340	1290	1240		0,2
2,5	1651	1580	1510	1440	1370	1300	1230	1378
3,0	1811	1720	1640	1560	1480	1400	1320	1465
3,5	1971	1860	1770	1680	1590	1496	1405	1535
4,0	2131	1990	1880	1780	1680	1576	1477	1590
4,5	2291	2120	1990	1880	1770	1654	1533	1636
5,0	2451	2250	2100	1980	1850	1726	1580	1676
5,5	2611	2380	2210	2060	1920	1796	1621	1711
6,0	2771	2510	2320	2140	1990	1876	1658	1742
6,5	2931	2640	2430	2220	2070	1956	1691	1770
7,0	3091	2770	2540	2300	2150	2036	1721	1795
7,5	3251	2900	2650	2380	2230	2116	1747	1817
8,0	3411	3030	2760	2460	2310	2196	1771	1837
9	3571	3160	2870	2540	2390	2276	1792	1873
10	3731	3290	2980	2620	2470	2356	1830	1904
11	3891	3420	3090	2700	2550	2436	1863	1932
12	4051	3550	3200	2780	2630	2516	1892	1956
13	4211	3680	3310	2860	2710	2596	1917	1977
14	4371	3810	3420	2940	2790	2676	1939	1997
15	4531	3940	3530	3020	2870	2756	1959	2015
16	4691	4070	3640	3100	2950	2836	1977	2031
17	4851	4200	3750	3180	3030	2916	1994	2046
18	5011	4330	3860	3260	3110	2996	2010	2060
19	5171	4460	3970	3340	3190	3076	2025	2073
20	5331	4590	4080	3420	3270	3156	2039	2086
Λ_K	17,02	10,43	7,265	5,354	4,142	3,361	2,802	2,074
v_K	1752	1662	1588	1524	1466	1414	1368	1287
B	3,444	3,097	2,822	2,597	2,403	2,233	2,083	1,853
Λ_{∂} \ / \ ρ_m	2000	2200	2400	2600	2800	3000	3200	3600

$\Delta = 0,74$

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$\Lambda_{\partial} \backslash p_m$	3600	4000	4400	4800	5200	5600	6000
1,0						1111	1141
1,5			1230	1272	1305	1332	1356
2,0		1326	1375	1412	1441	1465	1486
2,5	1378	1432	1476	1510	1537	1559	1578
3,0	1465	1516	1554	1584	1608	1629	1646
3,5	1535	1582	1615	1643	1666	1685	1701
4,0	1590	1635	1666	1692	1713	1731	1747
4,5	1636	1679	1709	1733	1753	1770	1786
5,0	1676	1717	1746	1768	1787	1804	1819
5,5	1711	1750	1778	1799	1818	1834	1848
6,0	1742	1779	1806	1827	1845	1860	1874
6,5	1770	1805	1832	1852	1869	1884	1898
7,0	1795	1829	1855	1875	1892	1906	1920
7,5	1817	1851	1876	1896	1912	1926	1939
8,0	1837	1870	1895	1915	1931	1945	1957
9	1873	1905	1929	1948	1963	1976	1988
10	1904	1935	1958	1976	1991	2004	2015
11	1932	1962	1984	2001	2016	2029	2040
12	1956	1985	2006	2023	2038	2051	2062
13	1977	2005	2026	2043	2057	2070	2081
14	1997	2024	2044	2061	2075	2087	2098
15	2015	2041	2061	2078	2091	2103	2113
16	2031	2057	2077	2093	2106	2117	2127
17	2046	2072	2091	2107	2119	2130	2140
18	2060	2086	2105	2120	2132	2142	2152
19	2073	2098	2117	2132	2144	2154	2164
20	2086	2110	2128	2143	2155	2165	2175
Λ_R	2,074	1,632	1,354	1,159	1,014	0,901	0,808
v_R	1287	1225	1175	1132	1094	1060	1029
B	1,853	1,678	1,544	1,432	1,338	1,258	1,187
$\Lambda_{\partial} \backslash p_m$	3600	4000	4400	4800	5200	5600	6000

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$$\Delta = 0,75$$

Λ_{∂} \ / \ p_m	2000	2200	2400	2600	2800	3000	3200	3600
1,0	8011							
1,5	1381	208	7321		2221			
2,0	2041	490	2041		2881	7121		
2,5	2691	838	7321		3541	1421	1370	
3,0	3341	1202	1321		4201	2081	1394	1459
3,5	3991	1582	1821		4861	2741	1466	1529
4,0	4641	2000	2321		5521	3401	1487	1584
4,5	5291	2448	2821		6181	4061	1535	1631
5,0	5941	2928	3321		6841	4721	1576	1671
5,5	6591	3448	3821		7501	5381	1612	1706
6,0	7241	4000	4321	1557	8161	6041	1645	1737
6,5	7891	4582	4821	1589	8821	6701	1675	1765
7,0	8541	5200	5321	1618	9481	7361	1703	1790
7,5	9191	5848	5821	1644	10141	8021	1728	1812
8,0	9841	6528	6321	1668	10801	8681	1751	1833
9	10491	7248	6821	1709	11461	9341	1790	1869
10	11141	8000	7321	1747	12121	10001	1825	1900
11	11791	8782	7821	1780	12781	10661	1855	1927
12	12441	9600	8321	1809	13441	11321	1881	1952
13	13091	10448	8821	1835	14101	11981	1905	1973
14	13741	11328	9321	1858	14761	12641	1926	1992
15	14391	12248	9821	1880	15421	13301	1946	2010
16	15041	13200	10321	1900	16081	13961	1964	2027
17	15691	14182	10821	1918	16741	14621	1981	2043
18	16341	15200	11321	1934	17401	15281	1996	2057
19	16991	16248	11821	1949	18061	15941	2010	2070
20	17641	17328	12321	1964	18721	16601	2023	2082
Λ_{κ}	19,26	11,64	7,907	5,828	4,475	3,575	2,985	2,187
v_{κ}	1777	1685	1609	1544	1486	1434	1387	1306
B	3,537	3,180	2,898	2,668	2,472	2,302	2,152	1,907
Λ_{∂} \ / \ p_m	2000	2200	2400	2600	2800	3000	3200	3600

$\Delta = 0,75$

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\phi q}}$$

Δ_{∂} \ / \ ρ_m	3600	4000	4400	4800	5200	5600	6000
1,0						1108	1137
1,5			1224	1267	1302	1331	1355
2,0		1317	1368	1408	1440	1466	1486
2,5	1370	1424	1471	1507	1536	1560	1578
3,0	1459	1509	1549	1581	1607	1629	1646
3,5	1529	1576	1612	1641	1665	1685	1702
4,0	1584	1630	1663	1690	1713	1732	1748
4,5	1631	1674	1706	1732	1754	1772	1787
5,0	1671	1712	1743	1768	1789	1806	1820
5,5	1706	1745	1775	1799	1820	1836	1849
6,0	1737	1775	1804	1827	1847	1862	1875
6,5	1765	1802	1830	1852	1871	1886	1899
7,0	1790	1826	1854	1875	1893	1908	1921
7,5	1812	1848	1875	1896	1913	1928	1940
8,0	1833	1867	1893	1914	1931	1946	1958
9	1869	1902	1927	1947	1964	1978	1989
10	1900	1933	1956	1976	1992	2006	2016
11	1927	1960	1982	2001	2017	2029	2040
12	1952	1983	2005	2023	2039	2051	2061
13	1973	2003	2025	2043	2058	2070	2080
14	1992	2021	2043	2061	2075	2087	2097
15	2010	2039	2060	2078	2091	2103	2113
16	2027	2055	2076	2093	2106	2118	2127
17	2043	2070	2091	2107	2120	2131	2140
18	2057	2084	2104	2120	2133	2144	2153
19	2070	2096	2116	2132	2145	2156	2165
20	2082	2107	2127	2143	2156	2167	2176
Λ_x	2,187	1,714	1,409	1,204	1,050	0,930	0,838
v_x	1306	1242	1190	1146	1108	1074	1043
B	1,907	1,725	1,585	1,469	1,370	1,287	1,218
Δ_{∂} \ / \ ρ_m	3600	4000	4400	4800	5200	5600	6000

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\phi q}}$$

$$\Delta = 0,76$$

ρ_m	2200	2400	2600	2800	3000	3200	3600	4000	4400	4800	5200	5600	6000
Δ_{∂}													
1,0												1103	1132
1,5									1216	1261	1298	1328	1352
2,0								1308	1360	1402	1436	1463	1484
2,5							1361	1417	1463	1502	1532	1556	1575
3,0							1449	1501	1544	1577	1605	1627	1645
3,5						1459	1520	1569	1608	1638	1663	1683	1701
4,0					1476	1516	1577	1624	1660	1688	1711	1730	1748
4,5					1525	1564	1624	1669	1708	1730	1752	1770	1787
5,0				1522	1567	1605	1664	1707	1740	1766	1787	1805	1820
5,5				1560	1604	1641	1699	1741	1772	1798	1818	1835	1849
6,0				1594	1637	1673	1730	1771	1801	1826	1845	1861	1875
6,5			1576	1626	1667	1703	1758	1798	1827	1851	1869	1885	1898
7,0			1606	1654	1695	1730	1783	1822	1850	1873	1891	1906	1919
7,5			1632	1680	1720	1754	1806	1843	1871	1893	1911	1926	1939
8,0			1656	1702	1742	1776	1826	1862	1890	1912	1930	1945	1957
9		1642	1698	1743	1781	1813	1862	1897	1924	1945	1962	1977	1989
10		1683	1736	1779	1816	1847	1894	1928	1954	1974	1991	2005	2017
11		1718	1770	1811	1847	1877	1922	1955	1980	2000	2016	2029	2041
12		1749	1800	1840	1874	1903	1947	1979	2003	2023	2038	2051	2063
13	1710	1776	1826	1865	1898	1926	1969	2000	2023	2043	2058	2071	2082
14	1735	1800	1849	1887	1919	1947	1988	2018	2041	2060	2075	2088	2099
15	1759	1822	1870	1908	1939	1966	2006	2035	2057	2075	2091	2104	2114
16	1781	1843	1890	1927	1957	1983	2022	2051	2072	2091	2106	2118	2128
17	1801	1862	1909	1945	1974	1999	2037	2066	2087	2105	2119	2131	2141
18	1819	1880	1926	1961	1990	2014	2051	2080	2101	2118	2132	2144	2153
19	1837	1897	1941	1975	2004	2028	2064	2092	2113	2130	2144	2155	2164
20	1855	1913	1955	1989	2017	2041	2077	2104	2124	2140	2154	2165	2175
Λ_R	12,95	8,663	6,329	4,832	3,844	3,169	2,323	1,804	1,475	1,246	1,087	0,966	0,869
v_R	1708	1630	1564	1506	1454	1408	1325	1259	1206	1162	1124	1090	1059
B	3,264	2,976	2,729	2,538	2,363	2,208	1,964	1,776	1,630	1,510	1,409	1,324	1,253

$\Delta = 0,77$

$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$

$\Lambda_{\partial} \backslash p_m$	2200	2400	2600	2800	3000	3200	3600	4000	4400	4800	5200	5600	6000
1,0												1104	1126
1,5										1255	1294	1324	1349
2,0								1300	1352	1396	1432	1460	1482
2,5							1353	1410	1457	1497	1529	1554	1574
3,0							1444	1497	1539	1575	1602	1624	1643
3,5						1449	1514	1564	1603	1636	1661	1682	1699
4,0						1507	1570	1618	1656	1687	1710	1730	1746
4,5					1514	1555	1617	1664	1700	1729	1751	1770	1786
5,0					1556	1596	1657	1703	1737	1764	1786	1804	1820
5,5				1548	1594	1632	1692	1736	1769	1795	1817	1834	1849
6,0				1583	1628	1665	1723	1765	1797	1823	1844	1861	1875
6,5				1615	1658	1695	1751	1792	1823	1848	1868	1885	1898
7,0			1593	1643	1685	1722	1776	1816	1847	1871	1891	1906	1919
7,5			1620	1668	1710	1746	1799	1838	1868	1892	1911	1926	1939
8,0			1643	1690	1732	1767	1820	1858	1887	1910	1929	1944	1957
9			1685	1732	1771	1805	1857	1893	1921	1944	1962	1977	1989
10		1669	1724	1769	1806	1840	1890	1924	1951	1973	1990	2005	2017
11		1703	1759	1802	1837	1870	1918	1951	1977	1998	2015	2029	2041
12		1734	1789	1831	1865	1896	1942	1975	2000	2020	2037	2050	2062
13		1761	1814	1856	1890	1919	1963	1996	2020	2040	2057	2070	2081
14		1786	1838	1879	1912	1940	1982	2014	2039	2059	2075	2088	2098
15	1742	1809	1860	1900	1932	1959	2000	2031	2056	2076	2091	2104	2114
16	1763	1830	1880	1919	1950	1977	2017	2047	2072	2091	2106	2118	2128
17	1783	1850	1898	1936	1967	1993	2032	2062	2086	2104	2119	2131	2141
18	1802	1868	1915	1952	1982	2008	2046	2076	2099	2116	2131	2143	2153
19	1820	1885	1931	1966	1996	2022	2060	2089	2111	2128	2142	2154	2164
20	1837	1901	1946	1981	2010	2036	2073	2101	2123	2139	2153	2165	2175
Λ_K	14,49	9,518	6,833	5,199	4,114	3,373	2,461	1,899	1,543	1,302	1,130	1,000	0,895
v_K	1730	1652	1585	1526	1474	1427	1345	1278	1223	1177	1138	1104	1073
B	3,357	3,060	2,814	2,609	2,430	2,271	2,021	1,827	1,675	1,550	1,447	1,360	1,287

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$$\Delta = 0,78$$

$\Lambda_{\partial} \backslash \rho_m$	2200	2400	2600	2800	3000	3200	3600	4000	4400	4800	5200	5600	6000
1,0													1123
1,5										1251	1290	1321	1347
2,0									1347	1393	1429	1458	1481
2,5								1405	1453	1496	1528	1554	1573
3,0							1438	1491	1536	1573	1601	1625	1643
3,5							1509	1561	1601	1635	1660	1682	1700
4,0						1499	1565	1616	1654	1685	1709	1729	1746
4,5					1504	1547	1612	1661	1698	1727	1750	1769	1785
5,0					1547	1588	1652	1699	1735	1763	1785	1803	1819
5,5					1585	1625	1687	1732	1767	1794	1816	1833	1849
6,0				1574	1620	1659	1719	1762	1796	1822	1843	1860	1875
6,5				1607	1651	1689	1748	1789	1822	1848	1868	1884	1898
7,0				1635	1679	1716	1773	1814	1846	1871	1890	1906	1919
7,5			1611	1660	1704	1740	1795	1836	1867	1891	1910	1926	1939
8,0			1634	1683	1725	1761	1815	1855	1885	1909	1928	1944	1957
9			1677	1725	1765	1800	1853	1892	1919	1942	1961	1976	1990
10			1715	1762	1800	1835	1885	1923	1949	1971	1989	2004	2018
11		1693	1749	1794	1831	1865	1913	1950	1976	1997	2014	2029	2042
12		1723	1779	1823	1859	1891	1938	1974	2000	2020	2036	2051	2063
13		1751	1806	1849	1884	1914	1960	1995	2021	2040	2056	2070	2082
14		1775	1830	1872	1906	1935	1980	2014	2039	2058	2074	2087	2098
15		1797	1852	1893	1926	1954	1998	2031	2055	2074	2090	2103	2115
16		1818	1872	1912	1945	1972	2014	2046	2070	2089	2105	2118	2129
17	1770	1838	1890	1930	1962	1989	2029	2060	2084	2103	2119	2132	2142
18	1788	1856	1907	1946	1978	2004	2044	2074	2097	2116	2131	2144	2154
19	1806	1874	1923	1961	1992	2018	2058	2087	2109	2128	2143	2155	2165
20	1823	1891	1939	1976	2006	2032	2071	2099	2121	2139	2154	2166	2175
$\Lambda_{\text{к}}$	16,25	10,54	7,466	5,636	4,419	3,600	2,605	2,005	1,614	1,354	1,170	1,031	0,925
$v_{\text{к}}$	1754	1675	1607	1548	1495	1447	1363	1295	1240	1194	1154	1119	1088
B	3,435	3,129	2,875	2,665	2,483	2,321	2,066	1,857	1,712	1,585	1,481	1,394	1,320
$\Lambda_{\partial} \backslash \rho_m$	2200	2400	2600	2800	3000	3200	3600	4000	4400	4800	5200	5600	6000

$\Delta = 0,79$

$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\varphi}{\varphi q}}$

ρ_m	2200	2400	2600	2800	3000	3200	3600	4000	4400	4800	5200	5600	6000
Λ_{∂}													
1,0													1120
1,5										1243	1284	1318	1345
2,0									1339	1387	1425	1455	1479
2,5								1398	1448	1490	1524	1551	1572
3,0							1427	1484	1531	1570	1600	1623	1642
3,5							1498	1553	1597	1632	1659	1681	1699
4,0						1486	1555	1608	1650	1682	1708	1728	1746
4,5						1535	1603	1655	1694	1724	1749	1768	1785
5,0					1535	1577	1644	1694	1731	1760	1784	1803	1819
5,5					1573	1614	1679	1727	1763	1792	1815	1833	1849
6,0					1608	1647	1710	1756	1792	1820	1842	1860	1875
6,5				1593	1639	1677	1738	1783	1818	1845	1867	1884	1899
7,0				1623	1667	1704	1764	1808	1842	1868	1889	1906	1920
7,5				1649	1692	1729	1787	1830	1863	1888	1909	1926	1939
8,0				1671	1714	1751	1808	1850	1882	1907	1927	1944	1957
9			1663	1713	1754	1790	1845	1886	1916	1940	1959	1975	1988
10			1702	1750	1790	1824	1878	1917	1946	1969	1988	2003	2016
11			1736	1783	1822	1854	1907	1944	1973	1995	2013	2028	2041
12		1708	1767	1813	1850	1881	1932	1968	1997	2018	2035	2050	2063
13		1736	1794	1839	1875	1905	1954	1990	2018	2039	2055	2069	2082
14		1760	1818	1862	1897	1926	1974	2009	2036	2057	2073	2087	2099
15		1782	1840	1883	1917	1946	1992	2026	2052	2073	2089	2103	2114
16		1803	1860	1902	1936	1964	2008	2042	2067	2088	2104	2118	2128
17		1823	1879	1920	1953	1981	2023	2057	2082	2102	2118	2131	2141
18		1842	1897	1937	1969	1996	2038	2071	2096	2115	2130	2143	2153
19	1790	1860	1913	1953	1984	2010	2052	2084	2108	2127	2142	2155	2165
20	1807	1877	1928	1967	1998	2024	2066	2097	2120	2138	2153	2166	2176
Λ_x	18,28	11,68	8,186	6,127	4,771	3,832	2,752	2,118	1,698	1,416	1,216	1,072	0,959
v_x	1778	1697	1629	1569	1515	1467	1383	1314	1257	1209	1169	1134	1103
B	3,527	3,214	2,955	2,741	2,557	2,393	2,129	1,922	1,760	1,628	1,520	1,430	1,354

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$$\Delta = 0,80$$

$\Lambda_{\partial} \backslash p_m$	2400	2600	2800	3000	3200	3600	4000	4400	4800	5200	5600	6000
1,0												1120
1,5									1234	1277	1312	1342
2,0								1330	1379	1419	1452	1479
2,5							1389	1439	1484	1520	1549	1573
3,0						1418	1477	1524	1564	1596	1622	1644
3,5						1488	1547	1590	1626	1655	1679	1700
4,0						1546	1603	1644	1677	1703	1726	1746
4,5					1522	1595	1649	1689	1720	1744	1766	1785
5,0					1566	1637	1688	1727	1757	1780	1801	1819
5,5				1561	1604	1673	1722	1760	1789	1812	1832	1849
6,0				1597	1638	1704	1752	1789	1818	1840	1859	1876
6,5				1629	1668	1732	1779	1815	1843	1865	1883	1900
7,0			1610	1657	1695	1757	1803	1838	1865	1887	1905	1921
7,5			1635	1681	1719	1780	1825	1859	1885	1907	1925	1940
8,0			1657	1702	1740	1801	1845	1878	1904	1925	1943	1957
9		1651	1699	1743	1779	1838	1880	1912	1937	1957	1974	1988
10		1690	1737	1780	1814	1871	1911	1942	1966	1986	2002	2016
11		1724	1771	1813	1845	1900	1939	1969	1992	2011	2027	2041
12		1754	1802	1842	1873	1926	1964	1993	2016	2034	2049	2062
13	1720	1781	1829	1868	1898	1949	1986	2014	2037	2054	2069	2081
14	1747	1806	1853	1891	1920	1969	2005	2033	2055	2072	2087	2098
15	1770	1828	1875	1912	1940	1987	2022	2050	2071	2088	2103	2114
16	1790	1848	1895	1931	1958	2003	2038	2066	2086	2103	2117	2129
17	1809	1867	1913	1948	1974	2018	2053	2080	2100	2116	2130	2142
18	1827	1885	1929	1963	1989	2033	2067	2093	2113	2129	2142	2154
19	1845	1901	1944	1977	2004	2047	2080	2106	2125	2141	2154	2165
20	1862	1917	1958	1991	2018	2061	2093	2118	2137	2152	2165	2176
$\Lambda_{\text{к}}$	12,97	8,977	6,645	5,159	4,136	2,905	2,230	1,776	1,479	1,268	1,111	0,989
$v_{\text{к}}$	1720	1650	1589	1535	1487	1402	1332	1274	1226	1185	1149	1118
B	3,294	3,030	2,811	2,625	2,463	2,189	1,978	1,810	1,674	1,562	1,469	1,389
$\Lambda_{\partial} \backslash p_m$	2400	2600	2800	3000	3200	3600	4000	4400	4800	5200	5600	6000

$\Delta = 0,81$

$v_{\theta} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$

$\Delta_{\theta} \backslash p_m$	2400	2600	2800	3000	3200	3600	4000	4400	4800	5200	5600	6000
1,0												
1,5										1272	1309	1339
2,0								1325	1374	1415	1449	1477
2,5							1383	1434	1479	1516	1546	1570
3,0							1470	1519	1560	1592	1619	1641
3,5						1481	1540	1585	1624	1653	1678	1698
4,0						1538	1596	1639	1675	1703	1727	1745
4,5					1516	1586	1642	1684	1718	1745	1768	1785
5,0					1558	1627	1681	1722	1755	1781	1803	1820
5,5					1595	1663	1715	1755	1787	1812	1833	1850
6,0				1586	1628	1695	1746	1784	1815	1840	1860	1876
6,5				1617	1658	1724	1773	1810	1840	1864	1884	1899
7,0				1644	1685	1750	1798	1833	1862	1886	1905	1920
7,5			1623	1669	1709	1773	1820	1854	1882	1905	1924	1939
8,0			1645	1691	1731	1794	1840	1874	1901	1923	1942	1957
9			1688	1734	1772	1832	1877	1909	1935	1957	1975	1989
10		1675	1727	1771	1807	1865	1909	1939	1965	1986	2003	2017
11		1709	1762	1804	1838	1894	1937	1966	1991	2011	2027	2041
12		1740	1793	1833	1866	1919	1961	1990	2014	2033	2049	2062
13		1768	1820	1859	1891	1942	1982	2011	2034	2053	2068	2081
14		1793	1844	1881	1913	1962	2001	2030	2052	2071	2086	2098
15	1754	1815	1866	1903	1933	1982	2019	2047	2069	2087	2101	2113
16	1775	1835	1885	1922	1951	1999	2035	2063	2084	2102	2116	2127
17	1794	1854	1903	1939	1968	2015	2050	2077	2098	2116	2130	2141
18	1813	1872	1919	1955	1984	2030	2064	2090	2111	2129	2142	2153
19	1831	1890	1935	1970	1999	2043	2077	2103	2123	2141	2154	2165
20	1849	1907	1950	1984	2012	2056	2090	2115	2135	2152	2165	2176
Δ_x	14,57	9,873	7,255	5,571	4,451	3,096	2,351	1,877	1,549	1,317	1,149	1,027
v_x	1742	1671	1610	1556	1508	1423	1352	1293	1243	1200	1163	1132
B	3,382	3,109	2,882	2,690	2,524	2,249	2,031	1,859	1,719	1,603	1,506	1,425
$\Delta_{\theta} \backslash p_m$	2400	2600	2800	3000	3200	3600	4000	4400	4800	5200	5600	6000

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$$\Delta = 0,82$$

ρ_m	2400	2600	2800	3000	3200	3600	4000	4400	4800	5200	5600	6000
Λ_{∂}												
1,0												
1,5										1265	1303	1335
2,0								1316	1366	1409	1445	1474
2,5							1375	1427	1473	1511	1543	1568
3,0							1463	1513	1554	1589	1618	1640
3,5						1473	1533	1580	1618	1650	1676	1698
4,0						1529	1589	1635	1671	1701	1724	1745
4,5						1577	1635	1680	1715	1744	1765	1784
5,0					1545	1618	1674	1718	1752	1780	1800	1818
5,5					1584	1654	1709	1751	1784	1811	1831	1847
6,0					1618	1686	1740	1780	1812	1838	1858	1873
6,5				1608	1649	1715	1768	1806	1837	1862	1882	1897
7,0				1635	1676	1742	1793	1830	1859	1884	1904	1919
7,5				1659	1700	1766	1815	1852	1880	1904	1924	1939
8,0			1634	1681	1721	1787	1835	1871	1899	1922	1942	1957
9			1677	1723	1763	1827	1872	1906	1933	1955	1973	1989
10			1716	1760	1799	1860	1904	1936	1961	1984	2001	2016
11		1696	1750	1793	1830	1889	1932	1963	1986	2009	2026	2040
12		1727	1780	1823	1858	1914	1956	1987	2009	2031	2048	2061
13		1754	1807	1850	1883	1936	1977	2008	2029	2051	2067	2080
14		1779	1832	1874	1906	1957	1996	2026	2047	2069	2084	2097
15		1802	1854	1895	1927	1976	2014	2043	2064	2085	2100	2113
16		1823	1874	1914	1946	1993	2030	2059	2080	2100	2115	2128
17	1777	1842	1892	1931	1963	2010	2046	2074	2095	2114	2129	2141
18	1798	1861	1909	1947	1978	2024	2061	2088	2109	2127	2142	2153
19	1816	1879	1925	1962	1992	2038	2074	2101	2122	2139	2154	2165
20	1832	1896	1941	1977	2006	2051	2086	2113	2134	2151	2165	2176
Λ_x	16,40	10,95	7,940	6,053	4,787	3,284	2,478	1,966	1,623	1,380	1,201	1,065
v_x	1767	1694	1632	1577	1528	1442	1371	1311	1260	1217	1180	1148
B	3,472	3,190	2,956	2,759	2,591	2,310	2,086	1,909	1,765	1,646	1,546	1,463
Λ_{∂}												
ρ_m	2400	2600	2800	3000	3200	3600	4000	4400	4800	5200	5600	6000

$\Delta = 0,83$

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$\Delta_{\partial} \backslash p_m$	2400	2600	2800	3000	3200	3600	4000	4400	4800	5200	5600	6000
1,0												
1,5										1258	1298	1332
2,0									1359	1403	1440	1471
2,5								1421	1468	1507	1539	1566
3,0							1456	1507	1550	1585	1614	1639
3,5						1462	1525	1573	1614	1647	1673	1696
4,0						1520	1580	1628	1666	1698	1722	1743
4,5						1568	1626	1674	1711	1741	1764	1783
5,0						1610	1666	1713	1748	1777	1800	1818
5,5					1572	1646	1701	1746	1780	1808	1831	1848
6,0					1607	1678	1732	1775	1808	1835	1857	1874
6,5					1638	1707	1760	1801	1833	1859	1880	1897
7,0				1622	1665	1733	1785	1825	1856	1881	1901	1918
7,5				1647	1689	1757	1808	1847	1877	1901	1921	1938
8,0				1668	1710	1778	1829	1867	1896	1920	1940	1957
9			1664	1712	1752	1817	1865	1902	1930	1954	1973	1988
10			1703	1750	1789	1851	1897	1932	1960	1982	2001	2015
11			1738	1783	1821	1880	1925	1959	1986	2007	2025	2040
12			1769	1812	1850	1906	1950	1983	2009	2030	2048	2062
13		1742	1796	1838	1875	1929	1972	2004	2030	2050	2067	2081
14		1766	1820	1862	1897	1950	1992	2023	2048	2068	2084	2098
15		1788	1843	1884	1917	1969	2010	2040	2064	2084	2100	2114
16		1809	1864	1904	1936	1987	2027	2056	2079	2099	2115	2128
17		1828	1883	1922	1954	2004	2043	2071	2094	2113	2129	2141
18		1847	1900	1938	1970	2019	2057	2085	2108	2126	2141	2153
19	1799	1865	1916	1954	1985	2033	2070	2098	2120	2138	2152	2164
20	1815	1882	1932	1968	1999	2046	2082	2110	2132	2149	2163	2175
Δ_K	18,57	12,21	8,733	6,582	5,183	3,498	2,628	2,076	1,699	1,437	1,247	1,099
v_K	1792	1718	1654	1598	1549	1462	1390	1329	1278	1234	1196	1162
B	3,571	3,278	3,035	2,832	2,659	2,373	2,144	1,962	1,813	1,691	1,588	1,502
$\Delta_{\partial} \backslash p_m$	2400	2600	2800	3000	3200	3600	4000	4400	4800	5200	5600	6000

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$$\Delta = 0,84$$

Λ_{∂} \ / \ ρ_m	2600	2800	3000	3200	3600	4000	4400	4800	5200	5600	6000
1,0											
1,5										1291	1324
2,0								1361	1401	1435	1465
2,5							1416	1463	1501	1533	1561
3,0						1449	1501	1544	1579	1609	1635
3,5						1519	1568	1608	1641	1669	1692
4,0					1512	1574	1622	1661	1693	1719	1740
4,5					1559	1620	1667	1705	1737	1761	1781
5,0					1600	1660	1705	1743	1774	1796	1816
5,5					1637	1695	1740	1776	1805	1826	1846
6,0				1595	1670	1726	1770	1804	1832	1853	1872
6,5				1627	1699	1754	1796	1829	1856	1877	1895
7,0				1654	1725	1779	1820	1852	1878	1899	1916
7,5			1633	1678	1749	1802	1841	1873	1899	1919	1936
8,0			1657	1701	1771	1823	1862	1893	1918	1938	1955
9			1700	1743	1811	1860	1898	1927	1951	1970	1986
10		1691	1738	1780	1844	1892	1929	1957	1979	1998	2014
11		1725	1772	1812	1873	1920	1956	1983	2005	2023	2038
12		1756	1802	1840	1899	1944	1979	2006	2027	2045	2059
13		1784	1829	1865	1923	1966	2000	2026	2047	2064	2078
14	1752	1809	1853	1888	1944	1986	2019	2044	2065	2081	2095
15	1775	1832	1875	1909	1963	2004	2037	2061	2081	2097	2111
16	1795	1853	1895	1929	1981	2021	2053	2077	2096	2112	2126
17	1814	1872	1914	1947	1998	2037	2068	2092	2111	2126	2140
18	1833	1889	1931	1963	2014	2053	2082	2106	2125	2139	2153
19	1851	1905	1945	1978	2028	2066	2095	2119	2137	2151	2164
20	1868	1921	1960	1992	2041	2078	2107	2131	2148	2162	2174
Λ_K	13,68	9,606	7,180	5,612	3,740	2,770	2,183	1,786	1,508	1,304	1,150
v_K	1740	1676	1620	1569	1482	1409	1348	1296	1252	1214	1180
B	3,362	3,113	2,908	2,729	2,437	2,203	2,016	1,863	1,738	1,633	1,545

Λ_{∂} \ / \ ρ_m	2600	2800	3000	3200	3600	4000	4400	4800	5200	5600	6000
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$\Delta = 0,85$

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$\Delta_{\partial} \backslash p_m$	2600	2800	3000	3200	3600	4000	4400	4800	5200	5600	6000
1,0											
1,5										1287	1321
2,0								1345	1390	1427	1460
2,5							1406	1455	1495	1528	1557
3,0						1441	1494	1539	1575	1606	1631
3,5						1514	1563	1605	1639	1667	1690
4,0					1504	1567	1617	1658	1691	1717	1739
4,5					1550	1613	1662	1702	1734	1759	1780
5,0					1592	1653	1701	1740	1771	1795	1815
5,5					1629	1688	1735	1773	1803	1826	1845
6,0					1661	1719	1766	1802	1831	1853	1871
6,5				1614	1689	1747	1792	1827	1855	1876	1894
7,0				1642	1715	1772	1816	1850	1877	1898	1916
7,5				1667	1739	1795	1838	1871	1897	1918	1936
8,0			1646	1689	1760	1815	1857	1890	1916	1937	1954
9			1689	1732	1801	1853	1893	1925	1949	1969	1986
10			1727	1770	1837	1886	1924	1955	1978	1997	2013
11		1712	1761	1803	1867	1915	1952	1981	2004	2022	2037
12		1741	1791	1832	1893	1940	1976	2004	2026	2044	2059
13		1768	1818	1858	1917	1962	1997	2024	2046	2063	2078
14		1794	1843	1881	1938	1982	2016	2043	2064	2081	2095
15		1818	1866	1902	1958	2000	2033	2060	2081	2097	2111
16	1779	1839	1886	1921	1976	2017	2049	2075	2096	2112	2126
17	1799	1858	1905	1939	1992	2033	2065	2089	2110	2126	2139
18	1818	1876	1922	1955	2007	2047	2079	2103	2123	2139	2152
19	1836	1893	1937	1970	2021	2060	2092	2116	2135	2151	2164
20	1853	1910	1951	1984	2034	2073	2103	2127	2146	2162	2175
Δ_{κ}	15,40	10,62	7,883	6,103	3,991	2,933	2,305	1,875	1,576	1,361	1,196
v_{κ}	1764	1697	1640	1590	1502	1428	1336	1313	1268	1230	1197
B	3,452	3,196	2,981	2,800	2,499	2,262	2,071	1,911	1,780	1,678	1,588
$\Delta_{\partial} \backslash p_m$	2600	2800	3000	3200	3600	4000	4400	4800	5200	5600	6000

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$$\Delta = 0,86$$

$\Lambda_{\partial} \backslash p_m$	2600	2800	3000	3200	3600	4000	4400	4800	5200	5600	6000
1,0											
1,5										1279	1315
2,0								1338	1382	1421	1455
2,5							1399	1447	1488	1523	1553
3,0							1486	1531	1569	1601	1629
3,5						1504	1555	1597	1633	1663	1689
4,0						1562	1611	1651	1685	1714	1738
4,5					1541	1608	1657	1696	1729	1756	1778
5,0					1583	1647	1696	1734	1766	1792	1812
5,5					1620	1681	1730	1767	1798	1823	1842
6,0					1652	1712	1760	1796	1826	1850	1869
6,5					1681	1740	1786	1822	1851	1874	1893
7,0				1631	1707	1765	1810	1845	1873	1896	1915
7,5				1656	1731	1788	1832	1866	1893	1916	1935
8,0				1679	1752	1809	1852	1886	1913	1935	1953
9			1678	1722	1794	1847	1889	1921	1947	1967	1985
10			1716	1760	1829	1880	1920	1951	1976	1996	2013
11			1750	1793	1859	1908	1947	1977	2001	2021	2037
12		1725	1780	1822	1885	1933	1971	2000	2023	2042	2058
13		1753	1807	1848	1909	1956	1992	2020	2043	2061	2077
14		1778	1831	1872	1931	1976	2011	2038	2061	2079	2094
15		1801	1853	1893	1951	1995	2029	2055	2078	2096	2110
16		1822	1873	1912	1969	2012	2046	2071	2093	2111	2125
17		1843	1892	1930	1986	2028	2061	2086	2107	2124	2138
18	1798	1862	1910	1947	2002	2043	2075	2100	2120	2137	2150
19	1815	1878	1926	1962	2016	2056	2088	2112	2132	2149	2162
20	1832	1894	1941	1976	2029	2069	2100	2124	2144	2161	2174
Λ_K	17,53	11,87	8,688	6,678	4,328	3,116	2,437	1,981	1,659	1,425	1,242
v_K	1791	1722	1663	1612	1523	1448	1385	1332	1287	1248	1214
B	3,557	3,286	3,062	2,872	2,567	2,323	2,126	1,965	1,833	1,723	1,631
$\Lambda_{\partial} \backslash p_m$	2600	2800	3000	3200	3600	4000	4400	4800	5200	5600	6000

$\Delta = 0,87$

$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$

$\Lambda_{\partial} \backslash p_m$	2600	2800	3000	3200	3600	4000	4400	4800	5200	5600	6000
1,0											
1,5										1272	1309
2,0									1375	1415	1449
2,5								1441	1483	1518	1548
3,0							1477	1524	1563	1597	1624
3,5						1494	1546	1591	1627	1659	1685
4,0						1551	1602	1645	1680	1710	1735
4,5						1598	1649	1690	1724	1753	1776
5,0					1570	1638	1689	1728	1761	1789	1811
5,5					1608	1673	1723	1761	1793	1820	1842
6,0					1642	1704	1753	1790	1821	1847	1868
6,5					1672	1732	1780	1816	1846	1871	1891
7,0					1698	1757	1804	1840	1869	1893	1913
7,5				1643	1721	1780	1826	1862	1890	1914	1933
8,0				1666	1742	1801	1846	1882	1910	1933	1952
9				1711	1784	1841	1884	1917	1943	1966	1984
10			1702	1750	1820	1874	1915	1948	1973	1995	2011
11			1734	1783	1851	1902	1942	1975	1999	2020	2035
12			1764	1812	1878	1927	1966	1998	2022	2042	2057
13			1792	1838	1902	1950	1988	2018	2042	2061	2076
14		1762	1817	1861	1924	1970	2007	2036	2060	2078	2093
15		1785	1840	1883	1944	1989	2025	2053	2076	2094	2109
16		1807	1861	1903	1962	2006	2041	2069	2091	2109	2124
17		1827	1880	1921	1979	2022	2056	2083	2105	2123	2138
18		1846	1898	1937	1995	2037	2070	2096	2118	2136	2150
19		1863	1914	1952	2009	2051	2083	2109	2130	2148	2162
20		1879	1929	1967	2023	2064	2096	2121	2142	2159	2173
Λ_K	20,07	13,34	9,623	7,321	4,690	3,312	2,570	2,083	1,738	1,492	1,308
v_K	1816	1746	1686	1634	1544	1469	1405	1351	1305	1264	1230
B	3,655	3,377	3,147	2,951	2,637	2,387	2,185	2,020	1,884	1,770	1,675
$\Lambda_{\partial} \backslash p_m$	2600	2800	3000	3200	3600	4000	4400	4800	5200	5600	6000

$$v_{\theta} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$\Lambda_{\theta} \backslash p_m$	2800	3000	3200	3600	4000	4400	4800	5200	5600	6000
1,0										1303
1,5								1370	1409	1443
2,0							1435	1478	1513	1543
2,5						1472	1518	1558	1592	1621
3,0						1540	1584	1622	1655	1682
3,5					1541	1595	1638	1675	1707	1732
4,0					1590	1641	1683	1719	1750	1774
4,5					1630	1680	1722	1757	1786	1809
5,0					1665	1714	1756	1790	1817	1839
5,5				1597	1665	1745	1786	1819	1844	1865
6,0				1630	1696	1745	1786	1819	1844	1865
6,5				1660	1724	1773	1813	1844	1868	1889
7,0				1687	1749	1798	1837	1867	1891	1911
7,5				1711	1772	1820	1858	1888	1912	1931
8,0				1732	1793	1840	1877	1907	1931	1950
9			1700	1776	1833	1879	1913	1940	1963	1982
10			1738	1812	1866	1911	1944	1970	1992	2010
11		1720	1771	1843	1895	1938	1971	1996	2017	2034
12		1750	1800	1870	1921	1962	1994	2019	2039	2056
13		1778	1826	1894	1944	1983	2014	2039	2059	2075
14		1803	1850	1916	1965	2002	2032	2057	2077	2092
15		1826	1872	1936	1984	2020	2049	2073	2093	2108
16	1791	1847	1892	1954	2002	2037	2065	2088	2107	2123
17	1810	1866	1910	1972	2018	2053	2080	2102	2120	2136
18	1828	1884	1927	1988	2033	2067	2093	2115	2133	2148
19	1846	1901	1943	2003	2047	2080	2106	2127	2145	2160
20	1863	1917	1958	2016	2059	2092	2118	2139	2156	2171
Λ_x	15,07	10,71	8,055	5,087	3,554	2,722	2,197	1,829	1,559	1,362
v_x	1771	1709	1655	1565	1489	1425	1370	1323	1282	1247
B	3,468	3,230	3,028	2,705	2,450	2,244	2,075	1,935	1,818	1,721
$\Lambda_{\theta} \backslash p_m$	2800	3000	3200	3600	4000	4400	4800	5200	5600	6000

$\Delta = 0,89$

$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\sigma}{\varphi q}}$

$\Delta_{\partial} \backslash p_m$	2800	3000	3200	3600	4000	4400	4800	5200	5600	6000
1,0										
1,5										1296
2,0								1364	1404	1438
2,5							1427	1473	1511	1542
3,0						1466	1513	1554	1588	1618
3,5						1534	1579	1618	1649	1678
4,0					1533	1588	1632	1670	1701	1728
4,5					1579	1634	1677	1714	1744	1770
5,0					1620	1674	1717	1752	1781	1806
5,5					1655	1709	1751	1785	1813	1837
6,0				1618	1688	1740	1781	1814	1841	1863
6,5				1649	1715	1767	1807	1840	1866	1886
7,0				1677	1741	1791	1831	1863	1888	1908
7,5				1701	1764	1813	1852	1883	1908	1928
8,0				1722	1786	1834	1872	1902	1927	1947
9			1686	1766	1826	1872	1908	1937	1962	1980
10			1724	1803	1861	1905	1939	1967	1991	2009
11			1757	1835	1891	1934	1966	1993	2016	2034
12		1734	1787	1863	1917	1958	1990	2016	2038	2055
13		1763	1814	1888	1940	1979	2011	2036	2057	2074
14		1789	1838	1910	1960	1998	2029	2054	2074	2091
15		1813	1860	1930	1978	2016	2046	2070	2090	2107
16		1834	1880	1948	1995	2032	2061	2085	2105	2121
17		1853	1899	1965	2011	2047	2076	2099	2119	2134
18	1814	1871	1916	1981	2027	2062	2090	2112	2132	2147
19	1831	1888	1932	1995	2041	2076	2103	2125	2144	2159
20	1846	1904	1947	2009	2054	2088	2115	2137	2155	2170
$\Delta_{\text{к}}$	17,06	11,93	8,897	5,546	3,804	2,867	2,316	1,919	1,637	1,425
$v_{\text{к}}$	1795	1732	1678	1586	1509	1444	1389	1342	1301	1265
B	3,561	3,314	3,107	2,774	2,514	2,305	2,132	1,989	1,869	1,769

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$$\Delta = 0,90$$

$\Lambda_{\partial} \backslash p_m$	2800	3000	3200	3600	4000	4400	4800	5200	5600	6000
1,0										1290
1,5									1398	1433
2,0									1503	1537
2,5							1419	1464	1583	1615
3,0							1504	1546	1646	1675
3,5						1526	1571	1611	1697	1725
4,0							1582	1626	1740	1767
4,5					1569	1627	1672	1709	1778	1803
5,0					1609	1666	1711	1748	1810	1834
5,5					1644	1700	1745	1781	1837	1861
6,0					1676	1730	1773	1808	1861	1885
6,5				1633	1705	1757	1798	1832	1883	1907
7,0				1662	1731	1782	1823	1856	1904	1927
7,5				1688	1754	1805	1845	1877	1923	1945
8,0				1710	1775	1825	1865	1897	1957	1978
9				1754	1817	1865	1902	1932	1987	2007
10			1708	1792	1852	1898	1934	1963	2012	2032
11			1741	1824	1882	1926	1961	1989	2034	2054
12			1771	1852	1909	1951	1984	2011	2053	2073
13			1799	1876	1932	1973	2005	2031	2071	2090
14		1773	1824	1898	1952	1992	2024	2050	2087	2105
15		1797	1847	1918	1970	2010	2041	2066	2101	2119
16		1819	1868	1937	1988	2027	2057	2081	2115	2132
17		1839	1887	1955	2005	2043	2072	2095	2129	2145
18		1857	1904	1971	2020	2058	2086	2110	2141	2157
19		1873	1920	1985	2033	2071	2099	2122	2153	2168
20	1829	1888	1934	1997	2045	2082	2111	2134	2153	2168
Λ_K	19,53	13,38	9,855	6,071	4,105	3,053	2,441	2,026	1,719	1,491
v_K	1820	1756	1701	1607	1530	1465	1409	1361	1320	1284
B	3,665	3,409	3,197	2,853	2,585	2,370	2,193	2,046	1,922	1,818
$\Lambda_{\partial} \backslash p_m$	2800	3000	3200	3600	4000	4400	4800	5200	5600	6000

$\Delta = 0,91$

$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$

$\Lambda_{\partial} \backslash p_m$	3000	3200	3600	4000	4400	4800	5200	5600	6000
1,0									
1,5									
2,0								1391	1423
2,5							1460	1499	1532
3,0						1499	1540	1578	1610
3,5					1518	1564	1605	1641	1671
4,0					1573	1619	1659	1693	1722
4,5				1557	1619	1665	1704	1737	1765
5,0				1597	1658	1704	1742	1774	1801
5,5				1633	1692	1738	1775	1806	1831
6,0				1665	1722	1767	1804	1834	1858
6,5				1694	1749	1793	1829	1859	1882
7,0			1650	1720	1774	1817	1852	1881	1904
7,5			1675	1744	1797	1839	1873	1901	1924
8,0			1701	1767	1819	1860	1893	1920	1943
9			1743	1807	1857	1896	1929	1955	1976
10			1781	1842	1891	1928	1960	1985	2005
11		1727	1814	1873	1920	1956	1986	2010	2030
12		1758	1842	1901	1945	1980	2009	2032	2051
13		1786	1867	1925	1967	2001	2029	2051	2070
14		1811	1890	1946	1987	2020	2047	2068	2087
15		1834	1911	1965	2005	2037	2063	2084	2102
16	1802	1855	1930	1982	2021	2053	2078	2099	2117
17	1822	1874	1947	1998	2036	2068	2092	2113	2131
18	1840	1891	1963	2013	2051	2082	2106	2126	2144
19	1856	1906	1978	2028	2065	2095	2119	2138	2156
20	1870	1920	1991	2042	2079	2108	2131	2150	2167
Λ_K	15,02	10,95	6,667	4,475	3,260	2,581	2,126	1,807	1,566
v_K	1781	1725	1629	1551	1485	1429	1380	1338	1301
B	3,501	3,280	2,927	2,654	2,434	2,253	2,102	1,975	1,868
$\Lambda_{\partial} \backslash p_m$	3000	3200	3600	4000	4400	4800	5200	5600	6000

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$$\Delta = 0,92$$

Λ_{∂} / p_m	3000	3200	3600	4000	4400	4800	5200	5600	6000
1,0									
1,5									
2,0								1384	1423
2,5							1453	1493	1528
3,0						1495	1535	1573	1606
3,5					1510	1559	1600	1636	1667
4,0					1564	1612	1652	1687	1718
4,5					1609	1657	1696	1730	1760
5,0				1584	1648	1695	1734	1767	1795
5,5				1619	1682	1728	1767	1799	1826
6,0				1651	1713	1758	1796	1827	1854
6,5				1680	1740	1785	1822	1852	1879
7,0				1707	1765	1809	1845	1875	1901
7,5			1664	1732	1788	1832	1868	1896	1921
8,0			1689	1756	1810	1853	1888	1916	1940
9			1732	1798	1850	1891	1924	1950	1972
10			1770	1834	1884	1923	1955	1980	2001
11			1803	1865	1913	1950	1981	2006	2027
12			1832	1892	1938	1974	2003	2028	2049
13		1770	1858	1916	1960	1995	2023	2048	2068
14		1796	1882	1937	1980	2014	2041	2065	2085
15		1819	1903	1956	1998	2032	2058	2081	2100
16		1839	1922	1974	2015	2048	2074	2096	2115
17		1858	1939	1991	2031	2063	2089	2110	2129
18	1822	1876	1954	2006	2045	2077	2103	2123	2142
19	1838	1891	1969	2020	2059	2090	2116	2136	2154
20	1853	1905	1983	2033	2072	2103	2128	2148	2155
Λ_R	17,07	12,22	7,311	4,859	3,483	2,721	2,244	1,900	1,642
v_R	1805	1747	1653	1574	1507	1450	1401	1358	1320
B	3,599	3,370	3,008	2,729	2,504	2,319	2,163	2,031	1,919

$\Delta = 0,93$

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$\Lambda_{\partial} \backslash p_m$	3000	3200	3600	4000	4400	4800	5200	5600	6000
1,0									
1,5									
2,0								1381	1416
2,5							1449	1488	1522
3,0						1490	1531	1567	1600
3,5						1556	1595	1630	1662
4,0					1557	1609	1648	1682	1713
4,5					1602	1653	1692	1726	1756
5,0					1640	1690	1729	1763	1793
5,5				1608	1673	1722	1761	1795	1825
6,0				1641	1702	1751	1790	1823	1852
6,5				1670	1729	1777	1816	1848	1876
7,0				1697	1755	1802	1840	1871	1898
7,5				1722	1779	1825	1862	1892	1918
8,0				1745	1801	1846	1882	1912	1937
9			1718	1788	1842	1883	1917	1946	1969
10			1757	1825	1876	1916	1949	1976	1998
11			1789	1856	1905	1944	1976	2002	2024
12			1817	1883	1930	1968	1999	2024	2046
13			1843	1907	1953	1990	2019	2043	2065
14		1778	1867	1929	1973	2009	2038	2061	2082
15		1801	1889	1949	1992	2027	2055	2078	2098
16		1822	1909	1967	2009	2043	2071	2094	2113
17		1841	1927	1983	2025	2058	2085	2108	2127
18		1858	1943	1998	2039	2072	2098	2121	2140
19		1874	1958	2012	2053	2085	2111	2133	2152
20	1837	1889	1972	2025	2065	2097	2123	2145	2163
Λ_x	19,57	13,80	8,075	5,292	3,760	2,879	2,361	1,995	1,724
v_x	1832	1773	1673	1596	1529	1471	1420	1376	1338
B	3,700	3,465	3,091	2,802	2,570	2,380	2,222	2,088	1,973
$\Lambda_{\partial} \backslash p_m$	3000	3200	3600	4000	4400	4800	5200	5600	6000

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$$\Delta = 0,94$$

$\Lambda_{\partial} \backslash p_m$	3200	3600	4000	4400	4800	5200	5600	6000
1,0								0,1
1,5								0,1
2,0								1410
2,5						1444	1483	1516
3,0						1527	1562	1594
3,5					1550	1591	1625	1656
4,0					1602	1643	1677	1707
4,5				1592	1646	1687	1721	1750
5,0				1630	1683	1724	1758	1787
5,5				1663	1715	1756	1789	1819
6,0			1628	1693	1743	1784	1817	1846
6,5			1658	1720	1769	1809	1842	1870
7,0			1685	1746	1794	1833	1865	1892
7,5			1710	1770	1817	1855	1887	1913
8,0			1733	1792	1839	1877	1908	1932
9		1703	1777	1833	1877	1912	1942	1966
10		1742	1814	1868	1910	1944	1972	1995
11		1776	1846	1898	1939	1972	1998	2020
12		1805	1873	1924	1964	1996	2021	2042
13		1831	1897	1946	1985	2016	2041	2062
14		1855	1919	1966	2004	2034	2059	2079
15		1877	1939	1985	2022	2051	2075	2095
16	1805	1897	1958	2002	2038	2067	2090	2110
17	1825	1915	1975	2018	2053	2081	2104	2124
18	1843	1931	1990	2033	2067	2094	2117	2137
19	1859	1946	2004	2047	2080	2107	2129	2149
20	1874	1960	2018	2060	2093	2119	2141	2160
$\Lambda_{\text{к}}$	15,70	8,934	5,802	4,083	3,075	2,479	2,098	1,810
$v_{\text{к}}$	1797	1697	1617	1550	1492	1441	1397	1358
B	3,558	3,174	2,878	2,640	2,447	2,285	2,148	2,030
$\Lambda_{\partial} \backslash p_m$	3200	3600	4000	4400	4800	5200	5600	6000

$\Delta = 0,95$

$$v_{\partial} = v_{\text{табл}} \sqrt{\frac{\omega}{\varphi q}}$$

$\Delta_{\partial} \backslash p_m$	3200	3600	4000	4400	4800	5200	5600	6000
1,0								
1,5								
2,0								1406
2,5							1479	1512
3,0						1520	1557	1589
3,5					1540	1585	1620	1651
4,0					1593	1637	1672	1702
4,5				1579	1637	1680	1715	1745
5,0				1618	1674	1717	1752	1782
5,5				1652	1706	1749	1784	1813
6,0				1683	1734	1777	1812	1841
6,5			1647	1710	1761	1803	1837	1866
7,0			1675	1735	1786	1827	1860	1889
7,5			1700	1760	1809	1849	1881	1909
8,0			1722	1782	1830	1869	1901	1928
9			1766	1824	1870	1906	1936	1962
10		1726	1803	1859	1903	1938	1967	1992
11		1758	1835	1889	1931	1965	1993	2017
12		1788	1863	1915	1956	1989	2016	2039
13		1815	1888	1938	1977	2009	2036	2059
14		1840	1910	1959	1997	2028	2054	2077
15		1862	1930	1978	2015	2045	2070	2092
16		1882	1948	1995	2032	2061	2085	2106
17		1900	1965	2010	2046	2075	2099	2120
18	1825	1917	1981	2025	2060	2089	2113	2133
19	1842	1932	1996	2040	2075	2103	2126	2145
20	1857	1946	2009	2053	2087	2115	2138	2157
$\Lambda_{\text{т}}$	17,98	9,933	6,371	4,421	3,287	2,622	2,195	1,894
$v_{\text{т}}$	1823	1721	1640	1572	1513	1461	1416	1377
B	3,659	3,261	2,955	2,712	2,515	2,350	2,208	2,087
$\Delta_{\partial} \backslash p_m$	3200	3600	4000	4400	4800	5200	5600	6000