

ИССЛЕДОВАНИЕ ПЕРЕМЕННЫХ ЗВЕЗД В ШАРОВОМ ЗВЕЗДНОМ СКОПЛЕНИИ М3

1У. Оценки 37 переменных звезд во внешних частях скопления

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Приводятся результаты исследования по фотографическим пластинкам 37 переменных звезд в шаровом звездном скоплении М3. Приводятся наблюдения, кривые блеска, амплитуды, моменты нормальных максимумов.

Study of Variable Stars in the Globular Stellar Cluster M3

IV. Investigation of 37 variable stars in the external regions of the cluster

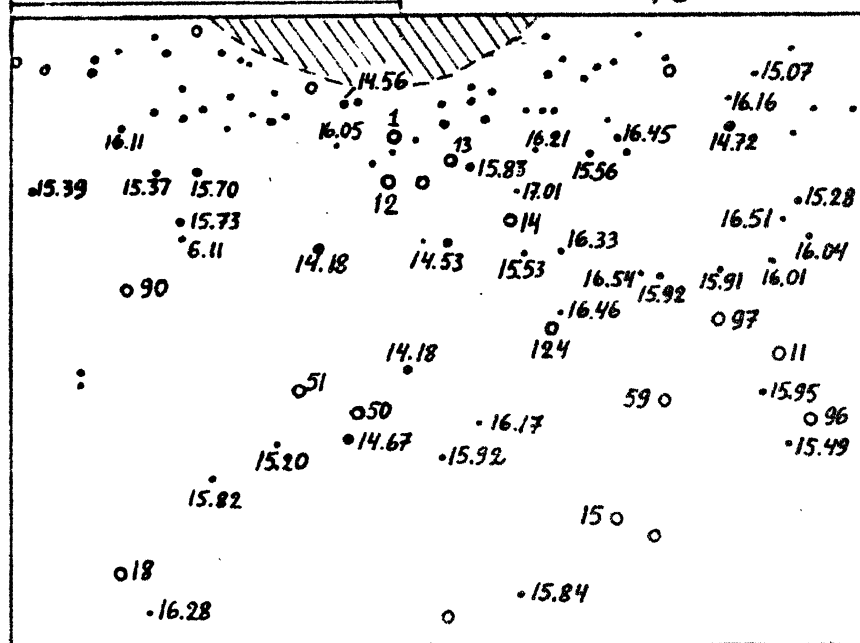
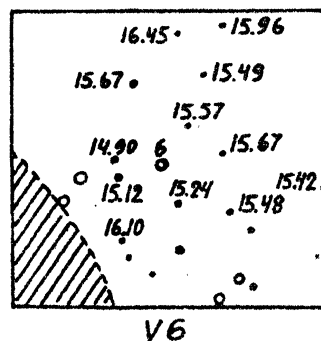
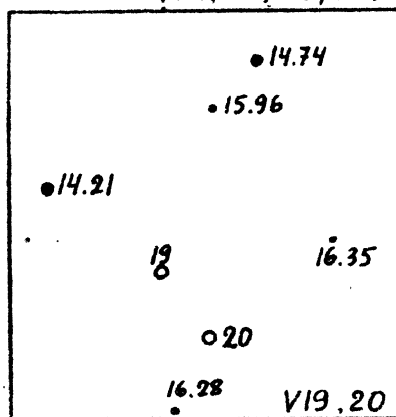
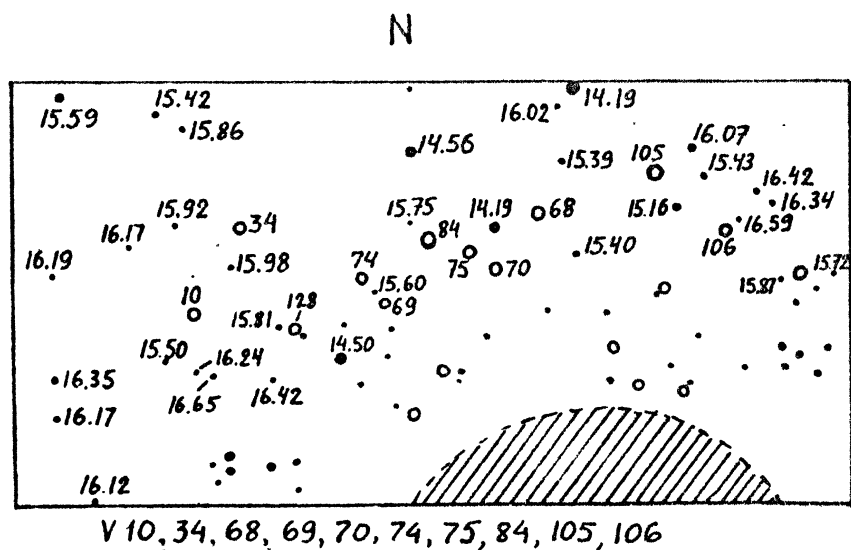
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Results of photographic investigations of 37 variable stars in globular stellar cluster M3 are given. Observational data, light curves, amplitudes, epochs of normal maxima are presented.

Переменные звезды оценивались по пластинкам, полученным в 1956 г. с телескопом системы Шмидта Бюраканской астрофизической обсерватории (78 пластинок в J. D. 2435577-615) и по пластинкам, полученным с 40-см астрографом ГАИШ (108 пластинок в J. D. 2433034-35226 и 2436367-37131). Звездные величины определялись в системе Р, описанной в [1]. На рис. 1 и 2 даны карты внешних частей скопления М3, на которых величины звезд сравнения указаны в системе Р. Номера переменных звезд даны по каталогу Соьер [2]. Масштаб 1 см = 30".

Наблюдения обрабатывались с периодами, данными в каталоге Соьер, по формуле: $ph = \frac{1}{P}(J.D. - 2430000)$.

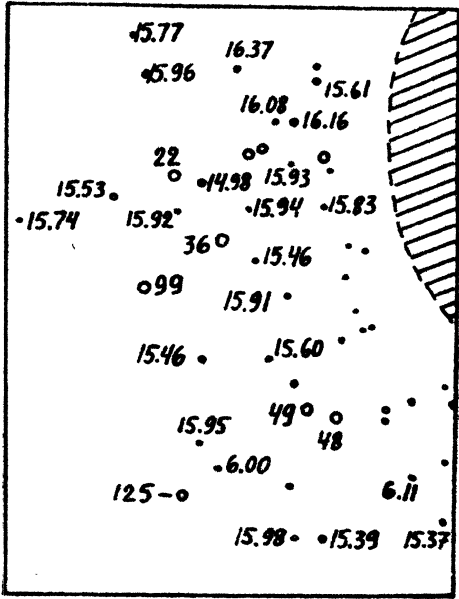
На рис. 3 - 7 даны кривые блеска исследованных звезд для двух сезонов наблюдений: J. D. 2435577-615 (78 пластинок, ряд I) и 2436633-716 (70 пластинок, ряд II).



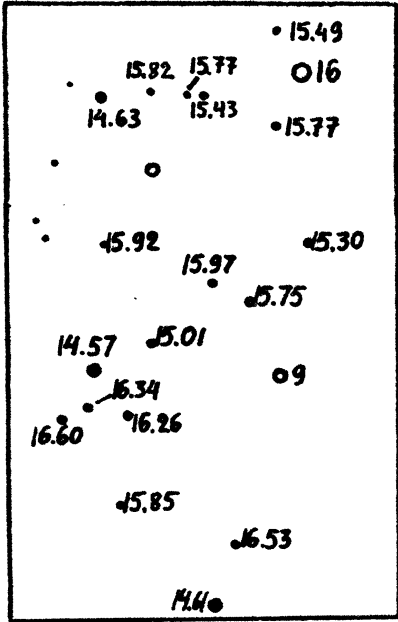
$v_1, 11, 12, 13, 14, 15, 18, 50, 51, 59, 90, 96, 97, 124$

Рис. 1

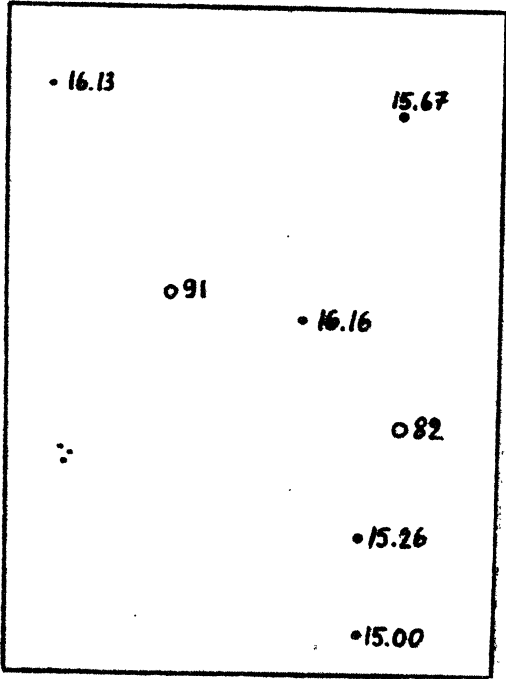
N



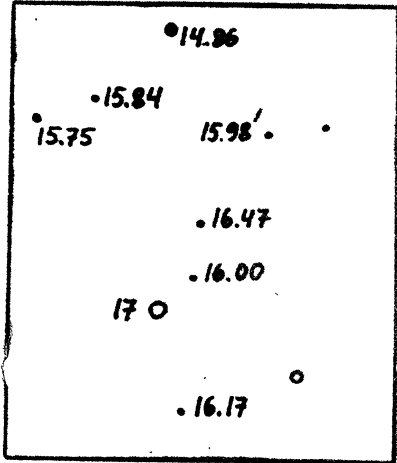
V 22, 36, 48, 49, 99, 125



V 9, 16



V 82, 91



V 17

P_{HC}.2

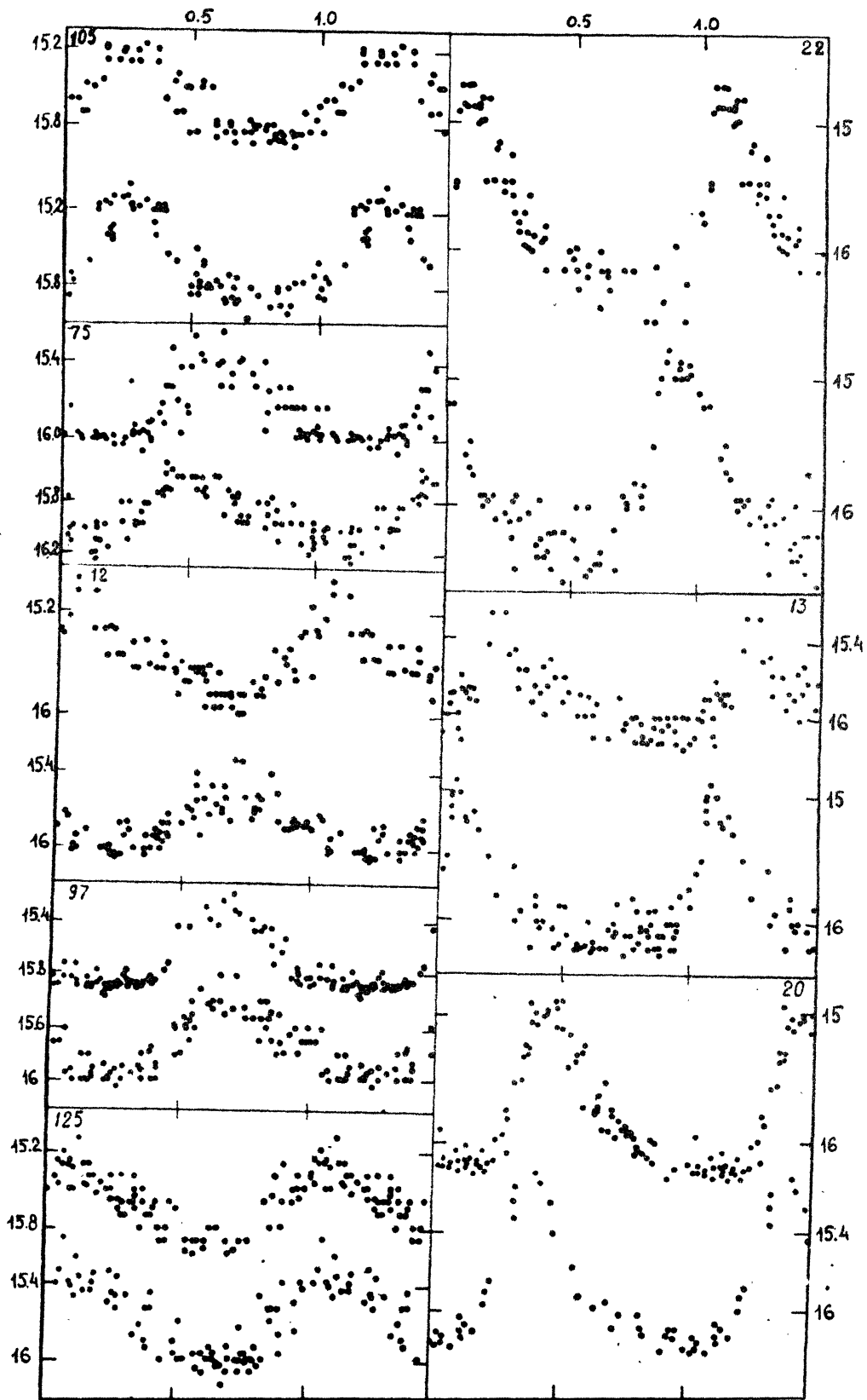


Рис. 3

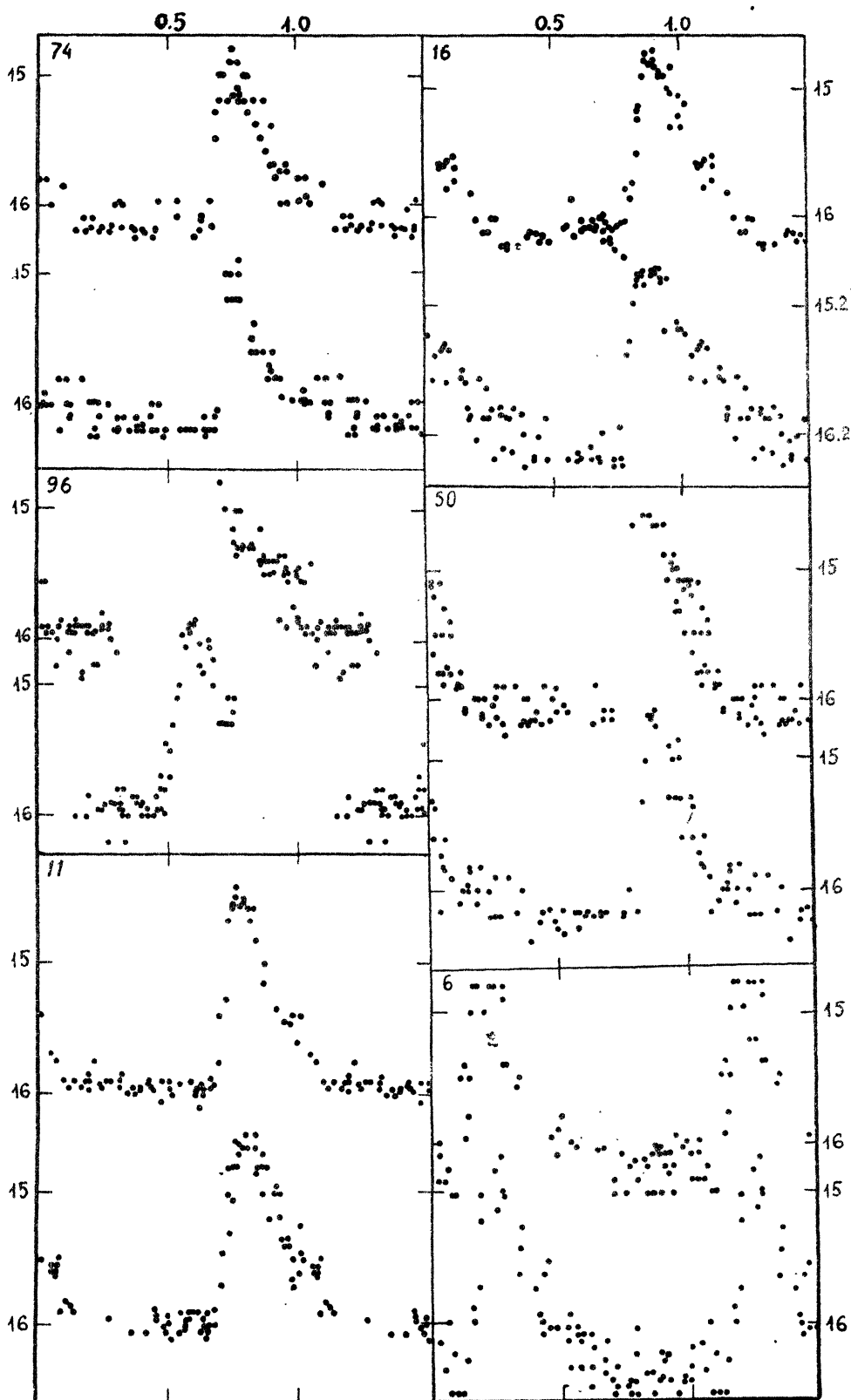


Рис. 4

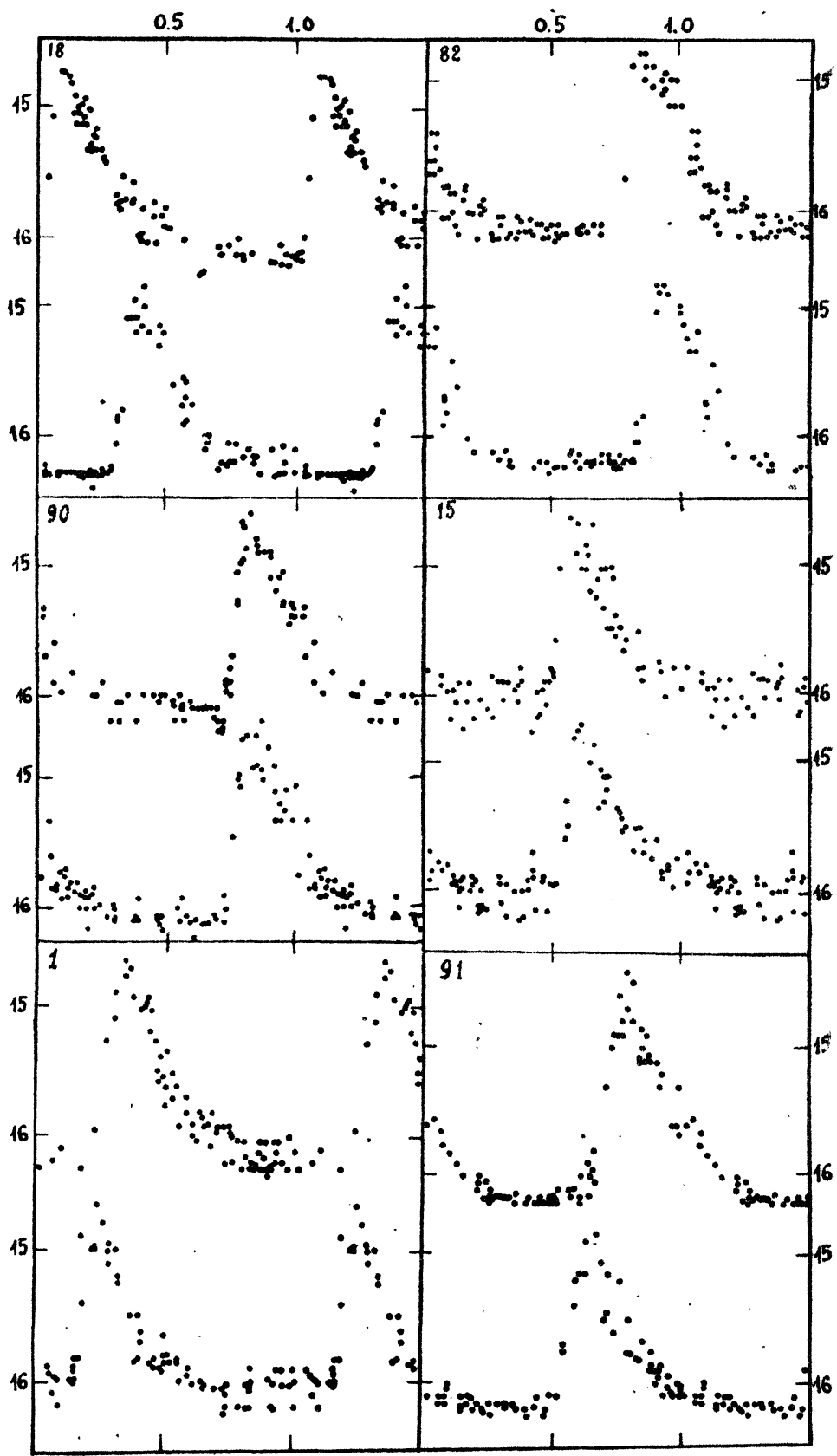


Рис. 5

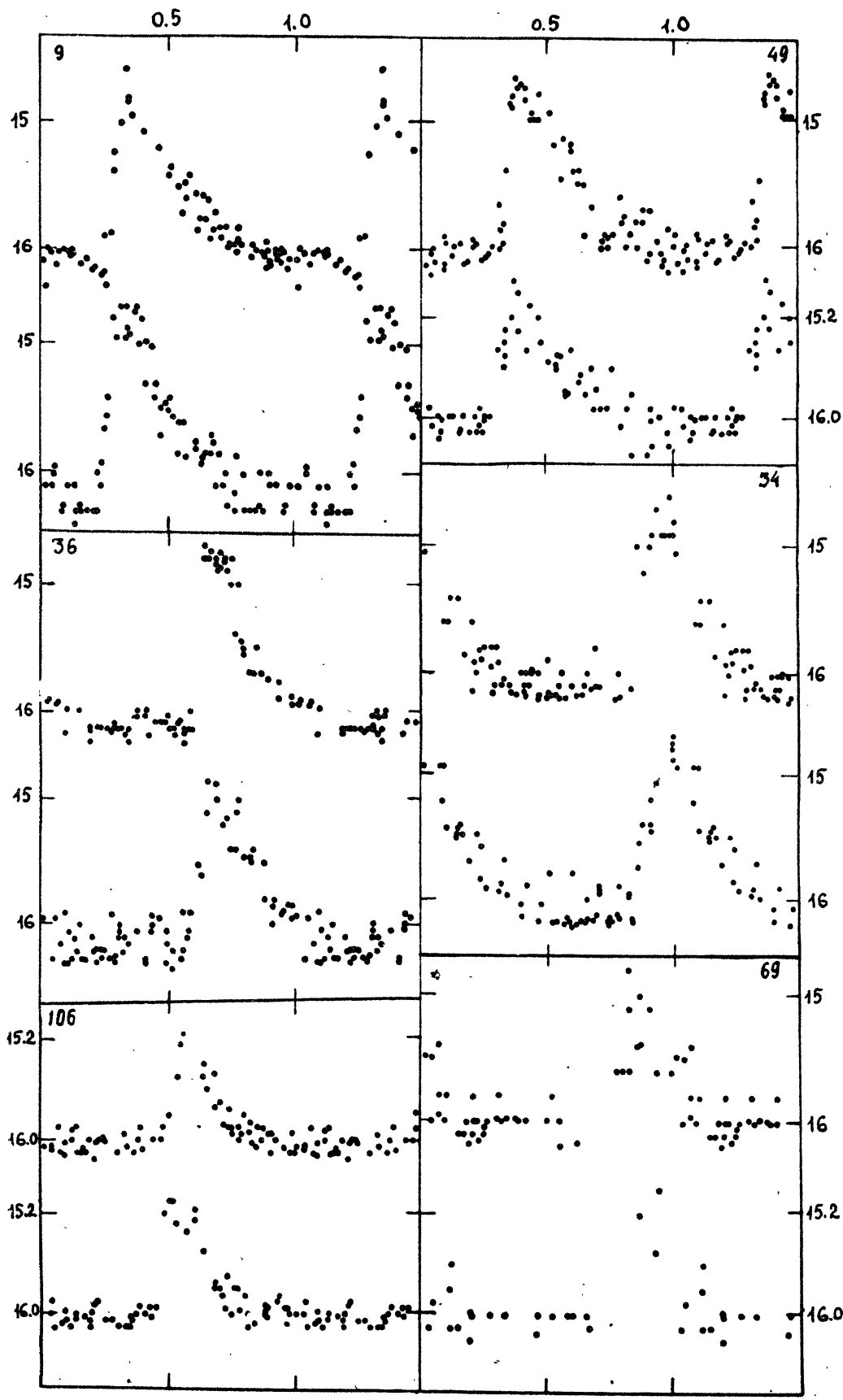


Рис. 6

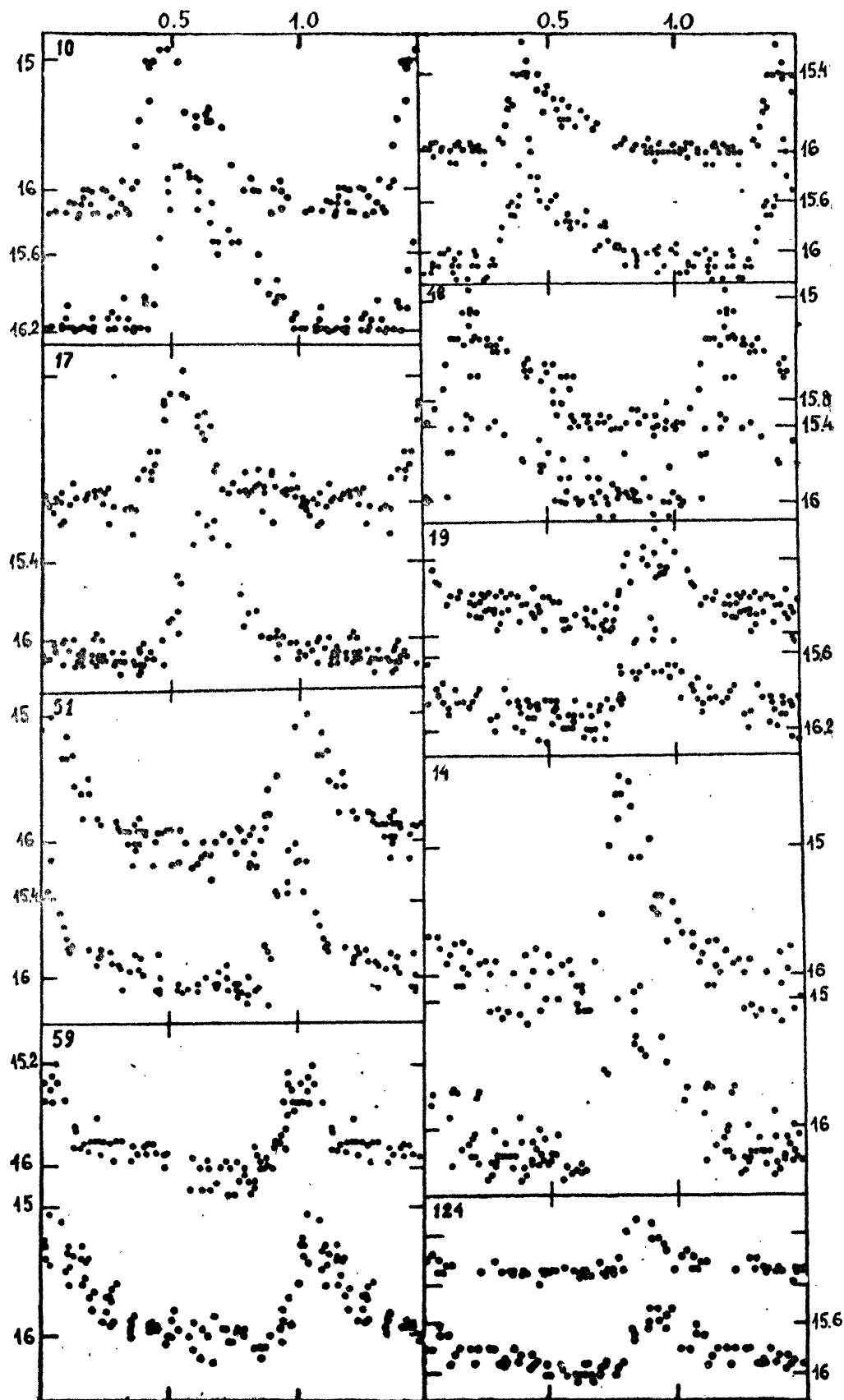
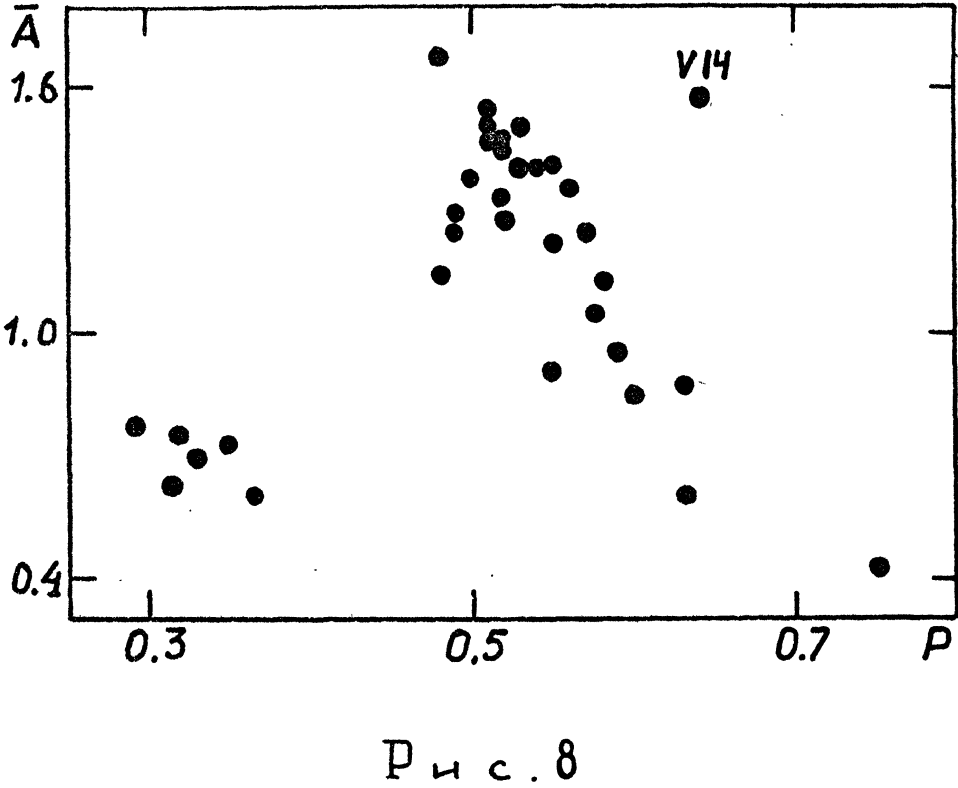


Рис. 7



Кроме этих двух рядов наблюдений в нашем распоряжении находилось еще 20 разрозненных наблюдений в J.D. 2433034 - 35226 и 13 наблюдений в J.D. 2437024 - 131. В большинстве случаев этот последний ряд при построении средней кривой присоединялся к ряду II.

Периоды, данные в каталоге Сойер, в основном хорошо удовлетворяют наблюдениям, за исключением тех случаев, о которых говорится в примечаниях. В табл.1 приводится список исследованных звезд (за исключением V 68, о которой говорится в примечаниях), пределы изменения блеска и моменты максимумов. В первом столбце - номер звезды по каталогу Сойер, во втором - период по каталогу Сойер, в третьем - пределы изменения блеска для первого ряда наблюдений, в четвертом - пределы изменения блеска для второго ряда, в пятом - средняя амплитуда. В шестом и седьмом столбцах даны два момента нормальных максимумов, соответствующие I-й и II-ой средним кривым. Звезды расположены в порядке возрастания периодов. Знаком * отмечены те звезды, для которых есть примечания. На рис 8 - зависимость амплитуда-период.

Примечания к табл.1.

V 13. Амплитуда определена по второй кривой блеска (рис.3), т.к. у первой кривой блеска максимум, очевидно, не захвачен. Нашим наблюдениям в J.D. 2434000 - 37100 удовлетворяет исправленный период $P = 0^d.4830302$.

V 14. Оценивается очень уверенно, кривая блеска хорошая, но амплитуда слишком велика для периода $0^d.64$. На рис.8 сильно уклоняется от общей зависимости. Однако, сопряженные периоды $0^d.318$ и $0^d.424$ не подходят.

V 17. Исследование звезды по всему опубликованному материалу показало, что после J.D. 2427000 период звезды увеличился, $P = 0^d.5761417$.

V 19. Вторая кривая блеска на рис.7 построена для интервала J.D. 2436633 - 716.

V 20. Исследование звезды по всему опубликованному материалу показало, что до 2428000 период звезды оставался постоянным, а с 2428000 начал уменьшаться. Вторая кривая блеска на рис.3 построена для интервала J.D. 2436657 - 669. После 2429000 период $P = 0^d.4912411$.

V 22. Период звезды изменился за время, протекавшее между двумя сезонами наблюдений. Вторая средняя кривая (см. рис.3) построена для интервала J.D. 2436633 - 716. По всем нашим наблюдениям исправленный период $P = 0^d.4814208$ (для J.D. 2434400-37100).

V 34. Вторая кривая блеска на рис.6 построена для интервала J.D. 2436633-716. При оценках мешают две близкие

Таблица 1

V	P	A _I	A _{II}	$\bar{A}$	Max 2435...	Max 2436...
105	0.2877445	15 ^m .20-15 ^m .95	15 ^m .15-15 ^m .95	0 ^m .77	602.455	668.548
75	0.3140813	15.30-16.00	15.60-16.15	0.63	602.447	668.411
12	0.3178890	15.20-16.05	15.35-16.00	0.75	602.498	687.336
70*	0.3268207*	-	-	0.60*	-	-
97	0.334927	15.25-15.95	15.25-15.95	0.70	601.537	661.581
125	0.3498210	15.25-15.95	15.30-16.05	0.73	602.410	666.585
22*	0.481466	14.80-16.50	14.85-16.50	1.67	602.377	660.536
13*	0.4830535	15.30-16.15	15.00-16.15	1.15*	606.416	702.398
20*	0.4912607	14.85-16.15	14.90-16.20	1.30	606.473	668.555
74	0.4921415	14.90-16.20	15.00-16.20	1.25	602.409	668.389
96*	0.4994538	14.90-16.20	14.55-16.00	1.38	-	692.470
11	0.5078919	14.50-16.00	14.40-16.00	1.55	606.502	699.491
16	0.5115072	14.75-16.25	14.95-16.40	1.47	601.450	687.369
50*	0.513088	14.65-16.15	14.70-16.20	1.50	602.331	669.560
6	0.5143207	14.96-16.30	14.80-16.40	1.50	595.404	669.320
18	0.5163462	14.78-16.15	15.00-16.30	1.33	602.414	661.578
90	0.5170344	14.70-16.20	14.70-16.10	1.45	602.490	692.397
1	0.5206324	14.70-16.20	14.70-16.12	1.46	606.352	692.336
82*	0.5245027	14.90-16.15	14.85-16.15	1.28	606.326	668.477
15	0.5300771	14.75-16.15	14.75-16.15	1.40	615.432	666.565
91*	0.5301710	14.50-16.15	14.90-16.20	1.47	606.447	669.366
9	0.5415672	14.85-16.20	14.85-16.30	1.40	606.488	668.502
36	0.5455861	14.75-16.20	14.87-16.25	1.41	602.433	692.525
106*	0.5471636	15.20-16.10	15.15-16.05	0.90	598.339	666.372
49*	0.5482222	14.75-16.10	15.00-16.10	1.22	606.340	715.388
34*	0.5591078	14.80-16.15	14.80-16.15	1.35	602.227	668.467
69*	0.5665806			1.10	602.265	692.851
10	0.5695127	14.90-16.15	14.90-16.15	1.25	601.422	658.470
17*	0.5761344	15.10-16.10	15.10-16.20	1.05	601.479	668.543
51*	0.5839856	15.05-16.15	15.00-16.15	1.12	602.204	702.392
59	0.5888026	15.30-16.15	15.10-16.15	0.95	602.473	699.425
84	0.5957289	15.35-16.05	15.15-16.15	0.85	602.473	666.463
48*	0.6278087	15.10-16.00	15.15-16.00	0.87	598.293	669.346
19*	0.631981	15.50-16.10	15.60-16.20	0.60	614.468	639.520
14*	0.6358993	14.60-16.30	15.00-16.35	1.57	601.526	668.549
24	0.752438	15.55-15.95	15.55-16.00	0.43	578.448	685.349

слабые звезды.

V 48. Вторая кривая блеска на рис.7 построена для интервала J.D. 2436633-716.

V 49. Вторая кривая блеска (рис.6) построена для интервала J.D. 2436633-716.

V 50. Вторая кривая блеска (рис.4) построена для интервала J.D. 2436633-716.

V 51. Вторая кривая блеска (рис.7) построена для интервала J.D. 2436633-716.

V 68. Период $P = 0^d.355974$ из [2] не подходит. Новый период определить не удалось. Кривая блеска не построена.

V 69. Оценки очень неуверенные, так как на большинстве пластинок V 69 сливается с соседней звездой. Вторая кривая блеска на рис.6 построена для интервала J.D. 2436633-716.

V 70. С периодом $0^d.486064$ из [2] получается очень большой разброс наблюдений около средней кривой. Амплитуда $0^m.6$ мала для такого периода. Очевидно, больше подходит период $0^d.3268207$, определенный Мюллером [3], который удовлетворяет также более или менее прилично наблюдениям Ларинка [4] и Гринштейна [5]. Однако по нашим наблюдениям с этим периодом кривую блеска построить не удалось. Очевидно, у звезды сильный эффект Блажко. В табл.1 дана общая амплитуда по всем наблюдениям.

V 82. Вторая кривая блеска на рис.5 построена для интервала J.D. 2436633-716.

V 91. Вторая кривая блеска на рис.5 построена для интервала J.D. 2436633-716.

V 96. Вторая кривая блеска на рис.4 построена для интервала J.D. 2436633-716. Судя по сдвигу фаз для последней серии наблюдений (J.D. 2437024-131), период должен быть уменьшен.

V 99. В [2] период не приводится. Определить его по нашим наблюдениям и наблюдениям, имеющимся в литературе, не удалось. Очевидно, у звезды сильный эффект Блажко.

V 106. Вторая кривая блеска на рис.6 построена для интервала J.D. 2436633-716.

В табл. 2 приводятся все наблюдения. Звездные величины даны в системе P, первая цифра опущена.

Таблица 2

J.D. ₀ 24...	1	6	9	10	11	12	13	14	15
33034.511	5.26:	6.40		5.20	5.44	6.00:	5.86	5.70	5.35
34076.549	6.10:		5.00:			6.00:		5.00:	4.57
126.399	6.20:	6.10:	5.01	5.20:	5.90:		5.20:	5.40:	5.50:

Таблица 2 (продолжение)

J.D. ₂₄ ...	1	6	9	10	11	12	13	14	15
34128.359	5.08	6.10:	5.97	6.00:	6.00	5.90:	5.20	6.00	5.79
131.321	6.30	6.20	4.95	6.08	5.92	5.80	5.80	5.30	5.35
133.336	6.30	6.00	6.10:	5.86:	5.90	5.48:	5.80:	5.53	4.92
144.392	5.90	6.08	5.55:	6.17	5.50	5.70	5.78:	6.00	5.90
146.430	6.20	6.10	4.68	5.80	5.45	5.95	6.15	6.40	6.17
421.478	5.30:	—	5.88	—	5.90:	6.00:	6.20:	5.80:	6.00:
453.310	5.61	6.10	5.85	5.10	6.00	5.92	6.20	6.33	5.92
454.362	5.87	6.30	6.06	4.80	6.00	5.68	5.60	5.20	6.00
.516	6.30	6.00	6.10	5.70	6.05	6.00	5.78	5.58	5.20
455.422	5.87	6.40	6.08	6.00	5.90	5.80:	5.30	6.18	5.89
.460	6.00	6.40	6.02	6.15	5.93	6.00:	5.70:	6.35	5.92
456.424	5.56	6.42	5.92	6.17	5.90	5.95	5.75	5.75	5.92
826.396	6.30	6.42	5.90	5.45	4.42	6.00	5.80	5.45	5.87
834.449	5.97	6.45	5.78	5.92	6.02	6.00	6.10	6.15	5.92
.477	6.03	6.18	6.02	5.90	5.45	5.50	5.92	6.20	5.90
35219.385	6.30	6.00	5.72	5.66	5.97	5.80	6.20	5.30	5.92
226.458	—	—	5.85	6.0::	—	5.20:	—	5.45:	—
577.540	6.11	6.10	6.15	5.00	4.57	5.80	5.56	5.60	5.95
578.280	4.97	6.10	5.90	6.00	5.97	5.70	6.00	6.00	5.58
.337	5.52	6.00	4.96	6.00	5.95	5.20	5.70	6.00	5.01
.448	5.92	5.00	5.60	6.08:	6.10		5.80::	6.20:	5.80
.496	6.25	5.50	5.77	6.17	5.92	5.85	5.62	6.30	5.82
579.290	4.71	6.05	6.02	5.42	5.90	5.10	5.83	5.10	6.28
.313	5.03	6.20	6.12	5.45	5.92	5.20	5.83	4.95	5.95
.333	5.03	6.05	6.17	5.60	5.90	5.48	5.90	5.40	5.80
591.323	5.50	—	4.80	6.00:	5.40	5.80	6.25:	4.65	5.80
592.361	5.58	5.40	6.20	5.38:	5.40	—	5.88:	6.40	5.79
593.314	5.10	5.30:	6.20	6.00:	4.50	5.50:	5.80:	5.50:	—
595.294	6.10	6.10	5.92	5.50	5.40	5.60	5.45	5.70	5.01
.337	6.25	6.40	5.97	6.00	4.50	5.82	5.53	5.92	5.33
.360	5.95	5.96	5.97	6.00	4.77	6.10	—	6.00	5.39
.380	5.27	5.00	6.06	5.92	5.15	6.10	5.90	5.95	5.66
.420	4.66	5.00	6.10	6.15	5.45	6.00	5.70	5.92	5.89
596.233	6.25	6.10	5.09	5.98	5.92	5.77	5.80	5.85	5.89
.265	6.25	6.15	5.21	5.30	5.95	5.83	5.20	5.91	6.17
597.286	6.04	6.06	4.83	6.17	6.10	6.00	5.65	5.75	5.92
598.293	6.12	6.20	6.15	6.00	6.00	5.75	5.83	5.00	6.17
.308	6.30	6.04	6.21	6.00	5.95	5.75	5.78	4.60	5.89
.339	6.20	—	5.25	6.15:	5.52:	—	5.70:	4.50	5.89
600.384	6.25	6.15:	—	5.40:	5.35	5.70:	6.10:	5.70:	5.80
601.373	6.16	6.15	6.01	5.44	5.87	5.80	6.00	6.00	5.84
.388	6.04	6.40	6.01	5.00	5.86	5.90	6.20	6.25:	6.17
.403	6.20	6.40	6.03	5.00	4.67	5.83	6.18	6.15	5.89
.419	6.04	6.25:	6.08	4.90	4.49	5.90:	6.20:	6.30	6.04
.434	6.25	5.96	6.08	4.90	4.53	6.00	6.05	5.90	6.17

Таблица 2 (продолжение)

J.D. ₀ 24...	1	6	9	10	11	12	13	14	15
35601.450	6.04	6.00	6.03	5.05	4.67	6.00:	6.00:	5.53	6.03
.498	6.25	6.20	6.03	5.50	5.35	5.88	6.00	4.60	6.03
.526	6.20	—	6.08	5.45:	5.46:	5.50:	6.20:	4.70	6.04
602.235	4.94	5.90	5.32	6.18	5.95	5.70	5.83	5.40	5.01
.250	5.27	5.80:	5.37	6.00:	5.95	5.60:	5.85:	5.53	5.09
.266	5.54	6.04	5.51	6.05	5.90	5.58	5.90	5.45	5.49
.310	5.70	6.06	5.76	6.17	6.00	5.75	5.85	5.70	5.79
.341	5.85	6.30:	5.85	6.17:	5.90	6.10	6.20:	5.85	5.75
.356	5.91	6.10	5.92	6.08	5.97	6.00	6.15	5.76	6.02
.372	5.97	6.20	5.99	6.20	6.00	6.00	6.08	6.10	5.80
.387	5.93	6.30	6.03	6.08	5.95	6.00	6.00	5.82	5.95
.401	5.97	6.10:	6.01	6.10	5.75:	5.85:	6.00:	6.10:	5.79
.430	6.16	6.10	6.01	5.98	4.57	5.90	6.00	5.90	5.90
.444	6.04	6.10:	6.03	6.20:	4.55	5.65:	—	6.30	5.95
.458	6.20	6.40	6.06	6.18	4.57	5.53	6.00	5.90	6.04
.473	6.04	6.40:	6.08	5.92:	4.83	5.30:	5.83:	6.35	6.25
.488	6.20	6.00	6.03	6.17	5.00	5.40	6.00	6.30	5.89
606.334	4.90	5.96	6.12	6.17	5.95	5.50	5.92	6.33	5.97
.352	4.77	5.80	6.01	6.10	6.05	5.70	6.12	6.10	5.89
.370	4.94	6.00	6.05	6.05	5.95	5.70	5.80	5.98	5.84
.437	5.62	6.05	6.19	6.05	6.20	5.83	5.20	6.00	4.91
.456	5.62	6.40	5.88	6.10:	5.92	5.80	5.50	5.90	5.24
.478	5.82	6.40	5.03	6.17	5.08	5.78	5.65	6.30	5.49
.495	5.91	5.15	4.85	5.92	4.41	6.00	5.78	6.30	5.55
614.243	5.77	6.10	5.61	6.00:	5.40	5.53	6.00:	5.10	5.95
.308	6.04	6.05:	5.83	6.00:	5.90:	5.50:	6.00:	5.53	5.89
.337	6.08	6.30:	5.97	6.17:	5.90:	5.80:	6.17:	5.75	5.01
.367	6.21	6.40:	5.94	6.00:	5.90:	5.80:	6.17:	5.80:	4.89
.398	6.25	5.80:	6.01	6.00:	5.90	5.90:	6.05:	5.80	4.80
.440	6.04	5.00:	5.99	6.15:	6.10	6.00:	6.20:	6.10	5.01
.468	6.12	5.20	6.02	5.65	5.95	6.15	6.20	6.00	5.58
.494	6.00	5.57	6.01	5.05	5.90	5.86	6.20	6.05	5.52
615.243	5.00:	6.40:	5.43	5.80:	5.40:	—	5.90:	6.35:	6.10
.253	5.19:	6.20:	—	—	5.60	5.70:	5.82:	6.00:	5.85
.276	5.38:	6.40:	5.48	5.80:	5.70:	—	—	6.00:	5.89
.287	5.35:	—	5.43	5.90:	5.75	5.80:	6.00	6.30:	—
.302	5.72:	6.20:	5.57	—	5.90:	5.80:	6.00:	6.20:	—
.315	5.92:	6.10:	5.59	—	5.95:	5.80:	—	6.00:	5.79:
.340	6.00:	6.00:	5.71	5.98:	5.95:	6.00:	—	6.00:	5.84
.352	5.82:	6.30:	5.83	5.92:	5.85	5.90:	—	6.20:	6.14
.365	5.93:	6.10:	5.83	5.98:	—	5.80:	—	6.00:	6.07
.379	5.82:	6.30:	5.97	—	5.95:	6.00:	6.00	6.10:	5.82
.393	5.93:	—	5.93	—	6.10:	6.10:	6.05:	6.10:	—
.418	6.00:	—	6.03	—	5.85:	6.15:	6.00:	6.10:	4.62

Таблица 2 (продолжение)

J. D ₀ 24....	1	6	9	10	11	12	13	14	15
35615.432	6.04:	5.00:	—	—	6.00:	5.90:	6.10:	6.00:	4.65
.445	6.04:	4.80:	6.06	—	6.00:	5.95:	—	5.50:	4.87
.457	6.25:	5.00:	6.11	—	5.95:	—	6.10:	5.20:	5.20
.470	6.21:	5.24:	6.01	—	5.90:	—	—	—	5.10
.483	6.25	5.24	6.11	6.10	5.97	5.45:	6.00:	4.80	5.01
.496	6.25	5.40	6.15	5.98	5.90	5.70	6.15	—	5.49
36367.389	5.86:	5.20	4.95	5.50:	5.15	5.85:	5.80:	6.00	5.90
368.370	6.20:	6.50	6.30	6.16:	4.85	6.10	5.90:	5.20	5.75
.416	6.10:	5.00:	6.10	6.12:	5.30:	5.80	6.20	4.80	5.60
.457	—	5.00	4.90:	—	5.30	5.80:	—	5.20:	—
.494	—	—	4.70	—	—	5.60:	—	5.50:	—
633.018	5.86:	6.35	6.10	5.92	5.49	5.30:	6.20	5.00:	5.70:
639.494	6.25:	4.80	6.15	6.17	6.05	6.00	5.90	5.90	5.95
.546	5.90	5.24	6.00:	6.10	4.80	6.00:	6.10	6.20	4.70
.598	5.90:	5.50	6.26	6.17	4.70	5.70:	5.20	6.35	5.10
646.518	5.00:	6.20	6.26	4.95	6.00	5.80:	6.20	6.15	5.42
.563	—	6.30:	6.30	5.02	6.00	5.80:	6.20:	5.70:	5.70
.603	5.85:	5.96:	6.00:	5.60	5.91	5.40:	6.20	6.23	5.90
647.577	4.80	6.40	5.85	5.95	6.00	5.50	6.20	5.20	5.38
657.308	5.90	6.18	5.85	5.00	5.30	6.05	5.85	5.70	5.92
.363	5.90:	6.15	5.87	5.00	4.80	5.85	6.05	6.00	6.15
.414	5.90	6.20	6.26	5.50	5.35	5.62	6.00	6.20	5.95
658.287	6.00:	6.50	5.49	6.19	6.00	6.00	6.23	6.22	5.95
.333	6.20	6.42	5.60	6.18	5.05	5.73	6.10	5.53	5.79
.377	6.00	6.40	5.87	6.19	4.85	5.60	6.00	—	6.00
.423	6.20	6.32	6.10	5.70	5.18	5.30	5.60	6.50	6.12
.467	5.83	6.25:	6.30	4.90	5.45	5.55	5.23	6.30	6.10
660.495	6.10	6.50	5.60	6.18	5.60	5.80:	6.00	5.68	6.12
.540	6.00:	5.85	5.75	6.17	5.90	5.90	6.00	6.20	6.17
661.363	6.10	6.50	6.26	5.00	5.45	5.80	5.20	6.28	5.52
.408	6.20	6.50	5.92	—	1.65	5.85	5.50:	6.00	5.60
.455	6.20:	6.50	4.70	5.50	5.20	5.90:	5.78	6.33	5.80
.501	6.20:	6.10	5.01	5.70	5.70	6.00:	5.88:	5.68:	5.85
.546	6.00:	6.50	5.45	5.93	5.60	5.50	5.88	4.95	5.95
.582	5.83	5.70	5.87	6.10	5.90	5.60	6.17	5.30	6.00
664.509	6.20	6.40	6.30	6.19	5.25	5.77	6.20	6.15	5.10
666.331	5.00	5.96	4.70	6.18	6.05	5.72	5.80	6.20	5.92
.376	5.50	6.00	5.30	6.00	4.95	5.58	6.18	6.40	6.00
.426	5.83	6.45	5.40	5.10	6.00	5.60	6.18	6.00	6.20
.472	5.83	6.50	5.75	4.95	4.70	5.75	6.05	6.05	5.92
.518	6.00	6.40	5.70	5.35	5.00	6.00:	6.20:	6.30	5.95
.569	6.20	6.35	6.30	5.50	5.40	5.90	6.25	6.00	4.80
668.346	6.02	5.40	5.95	5.60	5.93	5.79	6.20	6.08	5.80
.390	5.00	5.60	6.40	5.93	5.90	6.00	6.20	6.40	5.92

Таблица 2 (продолжение)

J. D. $\odot$ 24...	1	6	9	10	11	12	13	14	15
36668.437	5.25	6.10	6.30	6.17	6.00	6.05	6.10	6.35	5.88
.481	5.70	6.30	4.95	6.17	5.20	6.00	6.20	6.05	5.95
.533	5.80	6.30	5.00	6.18	4.65	5.70	6.00	5.00	5.89
.574	5.90	6.20	5.70	6.18	5.00:	5.50:	5.50	4.95	6.22
669.340	5.95	4.96	6.30	5.25	6.05	6.00	6.15	5.70	5.68
.384	6.00	5.50	6.36	5.50	5.98	6.00	6.07	6.00	5.60
.429	5.00	6.00	6.00	5.50	5.90	6.05	6.05	6.10	5.75
.473	5.00	6.30	6.10	5.80	5.88	5.80	6.10	6.38	5.85
.518	5.50	6.15	6.30	5.80	4.62	5.65	5.72	6.10	5.90
.564	5.92	6.45	5.00	6.05	4.80	5.60	5.00!	6.30	6.15
685.352	6.20	5.90	5.30	5.42	5.40	5.80	5.80:	6.25	5.70
687.282	5.85	5.96	6.10	6.18	4.80	5.68	6.10:	6.28	4.85
.327	6.02	5.10	6.10	6.10	4.55	5.50	5.90	6.20	5.35
.372	6.06	5.60	6.30	6.05	5.00	5.68	6.05	6.35	5.50
.418	6.20	6.05	5.40	6.18	5.50	5.80	5.10	6.25	5.85
692.294	5.92	6.20	5.52	5.98	5.90	5.85	5.15	5.70	5.95
.339	4.65	6.40	4.93	6.18	5.70	5.95	5.80	5.75	5.92
.385	5.20	6.30	5.01	6.16	4.65	—	5.92	6.00	5.94
.430	5.62	5.90	5.55	6.18	4.80	—	6.00	6.30	6.00
.476	5.85	4.70	5.75	6.00	5.50	5.80:	6.10	6.25	5.90:
.523	5.95	5.50	6.10	5.94	5.60	5.83	6.22	6.25	5.30
695.318	6.02:	6.20	6.30	6.00:	5.90:	5.75:	—	5.30:	5.50::
699.325	6.05	6.05	5.65	6.10	5.93	5.92	6.00	6.05:	6.20
.370	6.03	6.25	4.70	6.10	6.05	5.75	5.90	6.25	6.17
.415	6.07	6.45	4.98	6.18	5.95	—	6.20	6.20	5.60
.461	6.00	6.35	5.50	5.15	5.01	5.80	5.86	6.30	5.00
.496	6.02	6.40:	5.85:	—	4.55	5.70::	5.00:	6.20	5.20:
700.403	6.05	6.10	6.10:	6.05	5.95	5.58	6.20	5.20	5.90
702.400	6.00	6.00	6.10	5.20	6.10	5.90	4.90	5.80:	5.90
703.410	5.80	5.70:	6.00	6.00	5.93	6.05	5.30:	6.30	5.80
715.381	5.65	—	—	5.48	5.60:	—	6.20:	6.10:	5.25
716.312	4.96	6.00	—	6.10	4.95	5.50	6.20	5.48	6.15
37024.284	6.03	5.70	4.80	—	5.95	5.50:	6.05	6.25	5.85
.329	5.98	6.00	4.75	5.95:	6.05	5.70	5.88	6.25	5.95
.376	5.90	6.30	5.40	6.10	5.88	5.80:	6.00	6.20	4.75
.423	5.98	6.35:	5.85	6.00	5.90	6.00:	6.10	6.10	5.05
.474	5.40	6.40:	5.92	6.18	6.10	6.05	6.05	6.20	5.50:
.528	5.10	6.40:	6.00	6.18	4.60	5.88	6.00	6.33	5.75
047.495	5.83	6.00	6.30	5.10	5.65	5.70	6.05	5.55	6.12
072.367	4.90	6.25	6.26	6.16	5.35	5.83	5.78	5.35	5.98
114.353	6.03	5.90	5.80	—	6.05	5.80	6.10	5.40	6.00
128.322	6.03	6.40	5.00	4.90	5.85	5.75	6.15	5.10	5.30
129.309	5.85	6.05	6.00	6.17	5.75	5.70:	6.00	6.10	—
130.316	5.90	6.10	6.30	6.17	5.75	6.00	5.86	5.50	5.90
131.343	5.90	6.05	6.10	—	5.82	5.90	5.00	6.35	6.00

Таблица 2 (продолжение)

J. D. 24...	16	17	18	19	20	22	34	36	48
33034.511	6.59	6.17	5.65	6.00	4.83	4.70	6.20	—	5.90
34076.549	6.20:	6.00	6.28:	5.90:	5.93:	5.70:	—	—	
126.399	5.50:	6.05:	6.28:	5.96	4.78	5.04	6.10:	—	5.90
128.359	4.95	5.78:	6.03	6.05	5.03	5.80	4.9 :	—	5.90
131.321	5.80	6.00	5.80	5.70	4.99	6.10	6.17	6.10	5.60
133.336	5.70:	6.25:	5.50:	6.05	5.89	6.25	4.90	6.18	6.00
144.392	—	5.06	6.28:	5.90:	6.13:	6.00	6.00:	6.00:	5.45
146.430	6.05:	6.00:	6.10:	5.50	6.21	6.45	6.00	5.85	6.00
421.478	5.49:	5.20:	5.12:	5.90:	6.13:	4.80:	—	6.05:	6.00:
453.310	6.05	5.70:	6.30	5.96	6.08	5.77	5.92	6.15	5.58
454.362	6.26	5.26	6.10	6.00	6.15	6.20	5.95	6.27	5.50
.516	6.30	5.88	5.48	6.28	4.79	6.55	6.00:	5.00	5.40
455.422	6.25	6.25	6.23	5.50	6.21	6.50	5.38	6.27	5.90
.460	6.40	6.17	6.15	5.75	5.83	6.40	5.20	6.30	5.90
456.424	6.15	6.14	6.26	6.15	5.91	6.50	5.42	6.10	5.40
826.396	6.05:	6.17	5.95	5.70	4.65	5.73	5.80	6.05	5.85
834.449	—	5.95	6.28	6.05	5.89	5.92	5.40	5.80	5.70
.477	6.25	6.00	6.28	6.25	6.18	5.50	5.42	5.95	5.60
35219.385	4.90	6.05	5.70	5.98	4.71	6.15	6.15	6.18	5.90
336.458	6.05:	5.40	—	5.70:	5.93:	5.00:	5.0 :	6.20:	5.90
577.540	6.74	5.77	6.21	6.15	5.09	6.05	6.18	5.93	5.30
578.280	6.17	6.17	5.73	6.11	6.15	5.46	5.42	6.05	5.30
.337	6.02	6.05	5.86	6.15	6.09	5.46	5.92	6.10	5.50
.448	4.85	4.96	6.09	5.73	5.20	5.80	6.10:	4.80	6.00
.496	5.08	5.28	6.15	5.53	4.84	6.00	6.19	5.00	5.95
579.290	6.07	5.97	5.55	5.89	6.03	4.98	4.90	6.15	5.98
.313	6.13	5.97	5.74	5.99	6.13	5.05	4.90	6.18	5.95
.333	6.07	6.15	5.76	6.02	6.11	5.53	4.90	6.15	5.98
591.323	5.60:	6.15	6.30	6.30:	5.18:	4.98:	6.0 :	6.10:	5.70:
592.361	5.55	5.90	6.28	5.65:	5.68:	5.77:	6.10:	6.27	6.00
593.314	5.30:	6.25:	5.80:	6.05:	5.68:	5.70:	4.80:	5.90:	5.35
595.294	4.13	5.75	5.75	6.07	5.47	5.92	6.17	6.18	5.60
.337	4.87	5.87	5.80	6.07	5.80	6.15	6.17	4.80	5.50
.360	4.84	5.87	5.86	6.01	5.99	6.15	6.00	4.85	5.50:
.380	5.21	5.91	5.93	6.11	6.05	6.11	6.10	4.80	5.60
.420	5.59	6.01	6.03	5.87	6.20	6.15	6.20	5.55	5.98
596.233	6.09	5.75	5.07	5.77	5.23	5.56	6.00:	6.15	6.00
.265	6.09	5.20	5.36	5.89	5.68	6.15	5.95	6.25	5.80
597.286	6.08	5.93	4.96	5.95	5.77	5.98	5.60	6.15	5.70
598.293	5.98	5.88	4.83	6.15	6.05	6.00	5.00	5.95	4.90
.308	6.16	6.04	5.07	6.00	5.97	6.20	4.70	6.20	5.28
.339	5.77	6.17:	5.25	5.96	6.08:	6.15	4.90	6.00:	5.35
600.384	6.30	5.65	5.10	6.00	5.87	6.55	—	5.75	5.80:
601.373	6.03	6.04	4.75	5.93	6.15	5.70	6.18	4.87	5.50

Таблица 2 (продолжение)

J.D. 24...	16	17	18	19	20	22	34	36	48
35601.388	6.14	5.81	4.79	6.05	6.13	5.50	5.98	4.90	5.30:
.403	6.03	5.74	5.02	5.87	6.19	4.85	6.20	5.40	5.30
.419	5.85	5.81	5.15	5.86	5.99	4.70	5.90	5.46	5.35
.434	5.17	5.59	5.24	6.00	6.20	4.85	6.17	5.70	5.09
.450	4.73	5.23	5.35	6.10	6.03	4.80	6.19	5.50	5.09
.498	5.03	5.17	5.73	6.09	5.77	5.46	6.17	5.77	5.35
.526	5.12	5.40	6.01	6.02	5.19	5.98	5.80:	5.95:	5.40
602.235	6.13	5.85	6.14	6.07	6.03	6.55	4.90	6.18	5.63
.250	6.11	5.91	6.18	6.13	6.02	6.55	4.60:	6.15:	5.57
.266	6.13	5.77	6.13	6.03	5.91	6.40	5.05	6.15	5.70
.310	6.05	5.89	6.19	6.12	6.13	6.24	5.60	6.20	5.90
.341	6.01	5.98	6.22	6.07	6.09	5.77	5.42:	6.10	5.90
.356	6.07	6.09	6.15	5.93	6.09	4.90	5.85	6.15	6.00
.372	6.06	5.92	6.00	5.85	6.15	4.87	5.60	6.10	5.95
.387	6.13	6.01	5.09	5.65	6.11	4.87	5.82	6.27	5.95
.401	6.08	5.97	4.75	5.78	6.10	4.80	5.80:	6.00	5.90
.430	6.02	5.93	4.93	5.60	6.15	5.20	5.92	4.70	6.00
.444	5.73	5.90	5.00	5.64	6.13	5.46	6.05:	4.74	5.96
.458	5.24	5.90	5.04	5.55	5.94	5.56	6.15	4.89	5.85
.473	4.78	5.89	5.19	5.71	5.70	5.85	6.17:	4.82:	5.96
.488	4.77	6.03	5.41	5.67	5.49	5.85	6.15	5.00	5.90
806.334	6.10	5.89	6.14	5.68	6.15	5.95	6.17	5.52	5.96
.352	6.17	5.95	6.07	5.79	6.12	5.88	6.10	5.70	5.96
.370	6.17	5.95	6.02	5.95	6.19	5.90	6.10	5.70	5.85
.437	6.09	5.97	6.19	5.87	5.27	6.30	6.17	5.88	5.09
.456	6.01	5.97	6.06	5.93	4.93	6.20	6.15:	5.92	5.09
.478	6.09	5.95	6.15	5.99	4.94	6.45	6.19	6.15	5.30
.495	6.19	6.01	6.17	6.15	5.04	6.30	6.19	5.98	5.46
614.243	4.80	5.71	6.11	6.05	6.10	6.15:	6.10:	—	5.95:
.308	5.30:	5.93	5.15	5.98	5.00	—	6.10:	6.00:	5.90:
.337	5.60	5.73	5.31	6.22	4.93	—	6.1:	—	6.00
.367	5.52	5.78	5.45	6.07	5.05	—	6.00:	6.15:	6.20:
.398	5.80:	5.93	—	5.55	5.30	4.70	6.1:	6.15:	5.85:
.440	6.00	6.00	6.05	5.50	5.57	4.98	6.0:	4.80:	6.05:
.468	6.20	6.00	6.06	5.35	5.73	5.15	6.12	4.75	6.00
.494	6.20	5.85	5.95	5.45	5.93	5.25	5.2:	4.80	6.00
615.243	5.50:	5.60	6.13	5.90	5.90	—	5.8:	—	5.20
.253	4.90	5.70	—	5.85	6.05	6.11:	5.90:	—	5.30
.276	4.70:	5.35	6.14	6.03	5.45	—	5.8:	6.15	—
.287	4.90	5.15	5.55	5.95	5.25	5.95	5.80:	6.15:	5.30
.302	5.00	—	5.37	6.05	5.02	—	—	—	5.40:
.315	—	5.15	5.25	6.00	4.95	—	—	6.15	5.40:
.340	—	—	—	5.89	4.89	—	6.0:	6.15:	—
.352	—	5.50	5.15	5.85	4.83	—	6.0:	6.20:	—

Таблица 2 (продолжение)

J.D. 24...	16	17	18	19	20	22	34	36	48
35615.365	—	5.45	5.35	5.90	5.35	—	—	6.05:	—
.379	5.77:	5.40	5.35	5.87	5.25	4.70	6.0	6.00:	5.55:
.393	5.60:	5.75	—	5.89	5.66	—	—	6.05:	5.50:
.418	—	5.92	5.85:	5.95	5.70	—	—	6.10:	—
.432	6.00:	5.85	5.80	5.83	5.83	—	6.0:	—	—
.445	6.10:	5.90	6.07	5.97	5.85	—	—	6.05:	—
.457	6.10:	5.90	5.60	5.90	5.90	5.46:	—	6.15:	5.90:
.470	6.00:	5.90	6.00	5.90	5.83	—	—	6.10:	5.80:
.483	6.20:	5.87	6.06	5.93	5.87	5.70:	6.10	6.15	5.60
.496	6.20	6.06	5.75	5.93	5.90	6.00:	6.12	6.15	5.60
36367.389	6.08	6.00	6.28	6.20	5.07	4.87	6.02:	4.95	5.40
368.370	6.30	5.26	6.26	5.75	4.93	4.85	5.80:	6.20	5.85
.416	6.20	—	6.00:	5.33	4.93	5.56:	5.90:	5.78:	5.85
.457	6.35	5.50	6.30:	5.70	5.13	5.90:	—	4.90:	5.80
.494	—	5.60	—	—	—	—	—	5.40:	5.80
633.618	6.15:	6.00	6.40	6.10	6.07	4.87:	6.17	5.00	5.35
639.494	5.85	6.17	5.75	5.51	6.18	5.92	5.50	5.95:	5.65
.546	6.35	6.17	6.26	5.75	5.93	6.11	5.85	5.90:	6.00:
.598	6.12	6.28	6.15	5.70	4.61	5.96	5.70	—	5.95
646.518	5.35	6.20	6.30	5.75	5.02	5.80:	5.92	6.15	5.91
.563	5.55	6.00	6.26	5.65	5.33	4.98:	5.90:	—	6.10:
.603	5.77:	5.78	5.10	5.96	5.87	4.98:	5.75:	6.05:	6.10
647.577	5.60	6.15	6.30	6.10	5.83	4.98	5.80:	5.92:	5.98
657.308	5.52	5.95	6.28	5.96	5.43	6.00	4.95	6.27	5.98
.363	6.08	6.20	6.26	6.00	5.93	6.25	5.45	6.20	5.60
.414	6.40	6.28	5.88	6.00	5.93	6.40	5.72	6.00	5.33
658.287	5.36	5.80	6.28	6.20	5.71	—	6.17	6.00:	5.80
.333	5.53	6.00	6.30	6.20	5.53	5.92	6.18	5.85	5.80
.377	5.80	6.05	6.28	6.28	5.93	6.25	5.20	6.15	5.95
.423	6.08	6.10	6.28	5.96	5.89	6.60	4.90	6.27	5.91
.467	6.08	6.22	5.09	5.75	6.13	6.00:	5.42	6.20	5.90
660.495	6.00	5.10	6.28	5.90	6.13	6.00:	5.96	5.90	5.60
.540	6.20	5.25	5.10	5.96	6.03	4.75	6.15	6.27	5.30
661.363	5.40	6.15	6.20	6.10	5.98	6.50	5.92	6.27	5.70
.408	5.80	6.00	6.30	6.15	5.98	6.50	5.98	5.60	5.65
.455	6.00	6.10	6.28	6.20	6.13	5.90	5.90	5.20	5.98
.501	6.01	6.20	6.28	6.00	6.21	4.85	5.80	5.46:	6.10
.546	6.00	6.20	5.88	6.15	6.21	4.95	6.18	5.80	5.95
.582	6.40	5.95	4.95	5.75	5.89	5.20	6.18	5.92	5.90
664.509	5.70	5.00	6.30	6.10	6.08	5.75	—	6.05	5.60
666.331	6.40	5.65	5.70	6.08	6.01	4.98	5.50	5.10	5.65
.376	5.49	6.00	6.00	6.17	6.15	5.10	5.50	5.10	5.75
.426	4.93	6.00	6.20	6.28	6.15	—	5.95	5.50	5.98
.472	5.35	6.15	6.15	6.05	6.03	5.92	6.05	5.85	6.00

Таблица 2 (продолжение)

J.D. 24...	16	17	18	19	20	22	34	36	48
36666.518	5.52	6.08	6.28	5.96	5.83	6.50	6.05	5.95	5.91
.569	6.08	6.12	6.28	6.20	4.93	6.40	6.20	6.30	5.91
668.346	6.40	6.10	5.15	6.30	6.15	5.60	6.20	6.15	5.98
.390	6.45	6.17	5.75	6.20	6.21	5.96	5.98	6.05	6.00
.437	5.01	6.15	6.00	6.25	6.18	5.98	5.45	6.35	6.10
.481	4.93	5.84	6.05	6.00	5.73	6.30	4.75	5.90	—
.533	5.42	5.26	6.15	5.92	5.21	6.20	4.95	4.87	—
.574	5.55	5.06	6.30	5.80	4.97	6.55	5.42	5.40	5.93
369.340	6.35	6.17	5.15	5.96	6.03	5.92	6.19	6.27	5.00
.384	6.42	6.03	5.20	5.96	5.93	6.05	6.22	6.20	5.40
.429	6.25	6.20	5.87	5.96	5.98	6.05	6.17	6.10	5.46
.473	5.05	6.17	6.05	6.10	5.78	6.50	6.15	6.30	5.65
.518	5.01	6.17	6.20	5.96	5.26	6.00	6.17	6.15	5.70
.564	5.77	6.03	6.20	5.96	4.99	6.45	5.08	6.05	5.80
685.352	4.95	5.90	4.85	6.20	5.02	6.35	5.50	6.20	5.80
687.282	6.55	6.12	6.28	6.00	4.93	6.20	6.20	5.95	5.90
.327	6.40	6.15	6.30	6.00	5.03	6.25	6.12	6.20	5.98
.372	4.95	6.17	5.80	6.10	5.58	6.45	6.12	6.30	6.10
.418	5.40	6.08	5.00	6.10	6.03	5.90	5.55	6.10	5.91
692.294	6.08	5.78	6.28	6.00	5.63	5.10	6.15	6.27	5.85
.339	6.40	5.95	6.03	6.00	5.63	4.85	5.96	6.22	5.95
.385	6.30	6.12	6.22	6.05	5.98	5.20	6.19	6.30	5.95
.430	6.40	6.00	6.28	6.15	6.08	5.70	5.98	6.30	5.70
.476	5.06	6.10	6.30	6.28	6.21	6.10	5.40	6.10	5.60
.523	5.01	6.17	6.05	6.03	6.08	6.10	4.70	4.85	5.40
695.318	6.05	6.20	6.20	5.96	5.73	5.50	4.80	5.00	5.90
699.325	5.77	6.05	5.30	5.96	5.93	6.20	5.45	6.10	5.98
.370	6.05	6.00	5.55	6.10	6.03	6.40	5.60	6.20	6.00
.415	6.45	6.00	6.10	6.20	6.13	6.35	5.90	6.25	5.95
.461	6.40	6.20	6.22	5.96	5.53	5.96	6.15	6.05	5.40
.496	—	—	—	5.96	4.93	—	—	6.00	5.00
700.403	6.08	6.17	5.90	5.90	5.93	6.18	4.95	6.05	5.95
702.400	6.08	6.10	5.20	5.96	5.68	5.52	6.00	5.10	5.98
703.410	6.25	6.12	5.20	5.80	4.88	4.90	6.19	5.52	5.50
715.381	6.32	6.05	5.58	5.50	5.98	5.82	5.40	6.20	—
716.312	6.40	5.50	5.10	6.05	4.98	6.00	6.18	6.27	5.95
37024.284	6.40	6.20	6.10	6.05	4.97	6.40	5.95	5.40	6.00
.329	6.42	6.10	6.10	6.00	5.23	6.25	6.00	5.46	5.91
.376	6.20	6.12	6.10	5.50	5.58	6.41	6.10	5.80	5.55
.423	5.60	6.17	6.18	5.42	5.58	5.90	5.90	5.94	6.10
.474	4.95	6.15	6.18	5.50	5.91	4.70	5.90	6.30	6.10
.528	5.40	5.85	6.25	5.80	6.03	5.60	5.48	6.10	5.95
047.495	4.98	6.20	6.05	6.00	5.73	6.30	5.10	6.32	5.92
072.367	6.40	5.55	6.28	5.70	4.71	6.30	6.17	5.50	5.60

Таблица 2 (продолжение)

J.D. \ 24...	16	17	18	19	20	22	34	36	48	
37114.353	6.40	6.10	6.28	5.96	6.03	—	—	5.40	6.10	
128.322	5.01	5.20	6.30	5.96	5.18	6.40	6.15	5.93	5.00	
129.309	4.98	6.25	6.28	5.70	5.16	6.28	6.05	6.00	5.98	
130.316	5.20	6.17	6.32	5.96	4.93	6.10	5.40	5.90	5.77	
131.343	4.98	6.00	6.28	6.05	4.99	—	—	5.85	6.00	
J.D. \ 24...	49	50	51	59	68	69	70	74	75	82
33034.511	6.10	5.92	5.75	6.20	5.92:	—	5.68	6.20	5.68	6.15
34076.549	—	5.85	6.00:	5.80	6.00:	—	—	—	—	6.10:
126.399	5.70	6.10:	—	5.70	6.00:	—	—	—	—	6.15
128.359	4.90	5.90	5.90	5.90	6.00:	—	—	—	—	5.70
131.321	5.80	5.21	5.92	6.15	6.05	—	5.80	6.17	5.68	6.20
133.336	5.10:	4.80	6.10	5.75	6.10	—	5.85	5.40:	5.94:	6.20
144.392	5.50:	6.17	6.20	5.90	5.40:	4.80:	5.94:	6.20:	5.90:	6.25
146.430	5.30	6.15	5.70	5.85	5.98:	5.80:	5.94	6.17:	5.70	5.90
421.478	6.00	6.10:	5.80	5.90:	5.00:	—	—	—	—	4.90
453.310	5.95	6.00	5.92	5.90	6.10	5.60:	5.60	5.75:	5.70	6.10
454.362	6.00	6.17	5.95	5.30	5.94	4.90:	5.40	5.75:	5.94	6.20
.516	5.00	5.20	5.95	5.90	4.75	5.80:	5.82	6.10:	5.75	4.87
455.422	6.10	6.10	6.00	—	5.94	5.80:	5.68	6.15	5.63	6.10
.460	6.00	6.10	6.10	5.30	5.96	5.40:	5.96	6.10:	5.68	6.10
456.424	5.90	6.20	5.20	6.00	5.80	—	5.72	6.20:	5.70	6.17
826.396	5.65	5.80	6.00	5.30	5.97	—	5.80:	5.50:	5.60:	4.87
834.449	5.20	6.00	5.95	6.10	5.70	5.75:	5.48	6.15:	6.15	6.04
.477	4.90	5.80	5.90	5.95	5.45	—	5.40	6.20:	5.60	6.06
35219.385	—	6.00	6.17	5.90	6.10	—	5.60	6.20:	5.96	5.85
226.458	5.00	—	6.20	—	5.23	—	—	—	—	6.15
577.540	6.00	6.05	5.95	6.17	5.80	6.00	5.40	6.17	5.98	5.00
578.280	5.98	5.33	5.33	5.49	5.90	5.80	5.40	5.20	5.16	6.16
.337	5.65	5.75	5.49	5.30	5.90	6.17	5.75	5.30	5.43	6.13
.448	4.95	6.20:	5.90	5.80	5.80	4.80:	5.75	6.00:	5.98	6.10
.496	5.20	6.00	5.92	5.80	5.96	5.10	5.40	6.19	5.94	5.75
579.290	6.10	5.09	6.20	6.17	6.10	5.98	5.94	5.16	5.75	6.04
.313	6.11	5.09	6.00	6.00	6.02	5.98	5.78	5.20	5.98	6.17
.333	5.98	5.09	5.80	6.20	5.94	5.98	5.70	5.39	5.94	6.08
591.323	6.00	6.20	6.00	5.49:	6.07:	—	—	6.10:	—	5.90
592.361	6.10	6.15	5.80	5.95	6.02:	—	5.90:	5.98:	5.96:	6.20
593.314	5.50	6.00	5.90	6.00	5.10:	—	5.80:	—	5.75:	5.60
595.294	6.08	5.80	5.80	5.84	5.80	6.20	5.43	6.20	5.80	4.90
.337	5.85	6.15	5.82	5.80	5.42	6.17:	5.75	6.17	5.98	5.05

Таблица 2 (продолжение)

J.D. 24...	49	50	51	59	68	69	70	74	75	82
35595.360	4.82	6.05	5.90	5.70	5.60:	—	5.95	—	6.00	5.07
.380	4.72	5.90	5.85	5.49	5.35	—	5.80	6.20	5.98	5.20
.420	5.00	6.17	6.17	5.20	5.86	5.60	5.78	5.98:	5.98	5.60
596.233	6.15	4.90	6.10	5.82	5.90	5.80	5.33	6.19	5.40	6.16
.265	6.11	5.12	5.90	5.89	5.70	6.00	5.55	6.17	5.60	6.10
597.286	5.70	5.09	5.92	5.62	5.80:	5.40:	5.60	6.17	6.00	6.17
598.293	5.95	5.25	6.17	5.75	5.70	4.80:	5.88	6.19	6.02	6.20
.308	5.92	5.09	6.00	5.35	5.70	5.39	5.94	6.19	5.73	6.17
.339	5.80:	5.50	6.00	5.35	6.00	—	6.00:	5.98:	5.80:	6.10
600.384	5.20	5.80	5.50	5.90	5.98	—	5.94:	6.20:	5.90:	6.22
601.373	5.80	5.00	6.00	5.82	6.10	6.15	5.42	6.10	5.98	6.15
.388	4.87	5.15	6.10	5.80	6.00	—	5.30	5.98:	6.05	6.17
.403	4.75	5.20	6.00	5.80	6.02	5.80	5.50	5.30	6.00	6.10
.419	4.75	5.90	5.95	5.80	5.68:	—	5.38	5.00:	5.96	6.20
.434	5.00	5.80	6.00	5.82	5.50	6.00	5.40	4.80	5.87	6.17
.450	4.80	5.90	6.10	5.80	5.00	6.00	5.25	5.15	5.88	6.17
.498	5.46	6.14	6.20	5.90	5.42	6.00	5.20	5.60	5.40	6.16
.526	5.40	6.15:	5.60:	5.82	5.40:	6.00:	5.60:	6.00:	—	6.17
602.235	6.05	5.90	5.15	6.17	6.02	5.60:	5.78	6.25	5.75	5.40
.250	5.95	6.17:	5.55	6.00	5.68:	5.10:	5.70:	6.20	5.75:	5.67
.266	6.10	6.17	5.80	5.92	6.00	5.40	5.75	6.25	5.96	5.80
.310	6.03	4.67	5.85	6.20	6.04	5.60	5.50	6.10	6.00	6.00
.341	5.95	4.60	5.80:	6.10	6.00:	5.60:	5.60:	6.25	6.05:	5.97
.356	6.05	4.67	5.90	6.15	6.05	5.58	5.45	6.10	5.90	6.17
.372	5.95	4.67	6.00	6.00	6.10	5.60	5.45:	6.17	5.96:	6.10
.387	6.10	4.95	6.00	5.92	6.10	5.95	5.50	5.50	5.80	6.20
.401	5.92	5.33:	5.90:	5.84	6.00:	6.00	5.16:	5.00:	5.60:	6.20
.430	6.05	5.50	6.00	5.59	6.00	6.10	5.05	4.90	5.20	6.15
.444	5.98	5.80:	5.92	5.56	5.65:	6.10:	5.45:	5.00:	—	6.10
.458	6.00	5.50	5.90	5.49	5.35	6.17	5.35	5.20	5.42	6.20
.473	5.39	5.92	6.17	5.40	5.00	—	5.20:	5.50	5.60:	6.10
.488	4.90	6.10	6.15	5.35	5.22	6.10	5.20:	5.70	5.38:	6.10
606.334	4.67	6.20	5.30	5.92	5.60	6.00	5.40	5.00	5.96	5.00
.352	4.85	6.10	5.60	6.00	5.70	5.80	5.40	4.90	5.97	4.90
.370	4.95	6.10	5.60	5.95	5.55	5.80	5.40	5.20	5.96	5.10
.437	5.15	4.60	5.87	5.95	5.50	6.00	5.40	5.80	5.96	5.50
.456	5.25	4.67	5.90	6.06	5.65	6.05	5.50:	6.00	5.88	5.80
.478	5.50	4.90	6.05	6.10	5.80	—	5.30	5.80	5.60	5.85
.495	5.68	5.00	5.90	6.00	5.86	6.00:	5.80	5.95	5.45	5.90
614.243	5.75	5.10	6.30	5.49:	6.10	—	5.48	5.10	5.95:	4.95
.308	—	6.00:	5.92:	5.49:	5.98:	—	—	5.70:	—	5.40
.337	6.20:	6.20:	5.90:	5.88:	5.80:	—	5.45:	5.75	5.30:	6.00:
.367	6.20:	6.28:	5.80:	5.90:	5.55:	—	5.60:	5.80:	5.20:	5.80
.398	6.15	6.20	5.50:	5.95:	5.80	—	5.80:	5.85:	5.60:	5.95

Таблица 2 (продолжение)

J.D. \ 24...	49	50	51	59	63	69	70	74	75	82
35614.440	6.11	6.20	5.10	5.95:	6.00:	—	5.62:	6.10:	5.60:	6.04:
.468	5.95	5.92	5.00	5.84	5.98	—	5.45	6.20	5.60	6.04
.494	6.05	6.10	5.33	5.89	5.94	—	5.63	6.15	5.94	6.06
615.243	5.40:	5.50:	5.80:	5.95:	—	—	5.70:	5.00:	6.10:	4.80:
.253	5.90:	5.65:	5.92:	6.00:	6.98:	—	5.80:	5.20:	6.00:	4.80:
.276	5.60:	5.30:	6.00	6.10:	—	—	5.90:	5.20:	5.60:	—
.287	6.00	5.40	—	6.00	5.90	5.60:	5.95:	5.40:	5.70:	5.00
.302	6.00:	5.90:	—	6.20:	—	5.00:	5.50	5.75:	5.45:	5.20:
.315	5.90:	6.10:	5.90:	5.90	5.10	—	5.70:	5.70:	5.35:	5.00:
.340	6.00:	6.00:	5.80:	5.98:	4.80	—	5.75:	5.98:	5.40:	5.70:
.352	5.90:	6.00:	6.00:	6.00:	5.20:	—	5.70:	—	5.50:	5.70:
.365	5.80:	—	6.20:	5.80:	5.30:	—	5.90:	—	5.40:	6.04:
.379	5.80:	5.90:	6.17:	5.85	5.40:	—	—	—	5.50:	6.04:
.393	5.70:	5.90:	5.90:	5.40:	5.40:	—	5.00:	—	5.94:	6.10:
.418	6.05:	5.90:	—	—	5.70:	—	5.30:	—	5.75:	5.60:
.432	5.85:	6.00:	—	5.50:	5.80:	—	5.40:	—	5.75:	6.00:
.445	5.90:	6.17:	—	—	6.00:	—	5.75:	—	6.00:	6.00:
.457	—	6.10:	—	—	6.10:	—	5.68:	—	5.75:	6.00:
.470	6.00:	5.90:	5.90:	—	5.95:	—	5.60:	—	5.75:	6.20:
.483	5.95:	6.17:	6.00:	5.85	6.10:	6.00:	—	6.00:	6.00:	6.20:
.496	5.90:	6.10:	6.17:	5.85	5.92	6.10:	5.40	6.00:	6.00	6.17
36367.389	5.46	4.80	5.90	5.70	6.02:	—	5.69	5.90:	5.73	4.80
368.370	4.90	4.80:	5.20	6.00	5.90:	—	5.72	6.20:	6.00	6.20
.416	5.00:	5.67	5.35	5.90	5.98:	—	5.92:	—	6.00	5.70
.457	5.65:	5.00:	5.75:	5.90:	6.10:	—	—	—	—	5.92
.494	5.60:	5.70:	5.80:	5.40:	—	—	—	—	—	5.16
633.610	5.10:	6.17:	5.90	5.60	6.02	—	5.60	5.80:	5.75	6.16
639.494	5.98	5.90	5.89	5.64	5.70	—	5.42	5.98:	5.75	6.18
.546	5.91	6.00	5.32	5.84	5.92	—	5.60	6.00:	5.75	6.20
.598	5.98	6.15	5.82	5.95	6.00	—	5.65	6.10:	5.90	5.60:
643.518	5.60	5.00	5.92	5.80	5.94	—	5.90	6.20:	5.80	5.30
.563	5.80:	6.17	5.94	5.90	5.00:	—	—	6.10:	—	5.60
.603	5.91	6.10	6.10	6.00	5.16	—	5.95	6.00:	6.00	6.10
647.577	5.91	5.60:	6.75	5.60	5.70	—	5.90	6.00:	6.10	—
657.308	5.10	5.60	6.11	5.95	5.93	—	6.00	5.98:	6.20	6.20
.363	5.60	5.90	5.85	5.95	5.98	—	5.88	6.10:	5.96	6.16
.414	5.65	6.10	5.25	5.95	6.06	6.10	5.60	6.10	5.60	6.00
658.287	5.98	4.75	6.10	5.70	6.10	—	5.70	5.98:	5.80	6.16
.333	5.46	5.30	6.05	5.73	6.02	—	5.35	6.19	5.72	6.10
.377	5.30	5.82	6.11	5.88	6.02	—	5.50	6.20	5.60	5.16
.423	5.40	5.95	6.05	5.95	6.00	5.50:	5.55	6.25	5.75	6.16
.467	5.50	6.00	6.15	6.00	5.65	—	5.62	6.20	5.88	5.85
660.495	6.00	6.00	5.82	6.05	5.43	6.00:	5.50	6.05:	5.80	6.16
.540	5.50	6.20	6.10	5.25	5.50:	6.00:	5.98	5.00	5.58	6.16

Таблица 2 (продолжение)

J.D. \ 24...	49	50	51	59	68	69	70	74	75	82
36661.363	6.27	4.63	6.00	5.95	6.10	5.80:	5.20	6.20:	6.05	6.20
.408	6.20	5.00	6.20	6.00	6.05	5.98:	5.67	6.20	5.98	6.20
.455	5.90	5.60	5.82	6.00	6.00	—	5.48	6.10:	5.96	6.20
.501	6.00	6.00	5.33	6.00	5.70	—	5.65	5.20:	5.60	6.10
.546	5.98	6.20	5.09	6.05	5.98	—	5.60	5.60	5.60	6.10
.582	5.91	5.90	5.70	5.95	6.00	—	5.95	5.75	5.95	6.20
664.509	5.80	5.30	5.80	6.95	6.02	6.10	5.94	5.20	5.98	6.15
666.331	6.27	6.17	5.78	6.10	6.02	—	5.65	6.20:	5.85	6.15
.376	6.10	6.17	5.92	5.95	6.10	—	5.68	6.20:	6.15	4.85
.426	6.15	6.20	5.98	5.30	6.12	—	5.88	5.00	6.10	5.10
.472	6.10	5.01	6.11	5.50	6.07	—	5.78	5.40:	5.98	5.70
.518	6.05	5.30	6.12	5.55	5.80:	—	5.90:	5.80	—	6.00
.569	5.40	5.35	6.00:	5.81	5.90	—	5.85	6.00:	5.60	6.10
668.346	5.80	6.30	6.05	5.92	5.96	—	5.94	6.25	6.10	6.16
.390	5.80	6.17	6.05	5.90	6.02	6.00:	5.78	5.00	5.70	6.20
.437	5.91	6.17	6.10	5.90	6.00	6.00:	5.70	5.50	5.60	6.00
.481	5.91	6.20	5.33	5.88	6.01	—	5.70:	5.80	5.75:	4.80
.533	6.00	4.67	5.10	5.90	5.92	—	5.75	5.98:	5.96	5.20
.574	6.20	4.90	5.50	6.20	5.90	—	5.75	6.00:	5.94	5.80
669.340	5.00	6.25	5.58	5.71	6.06	6.20	5.60	6.20	5.55	6.20
.384	5.20	6.15	6.00	5.45	5.90	6.00	6.00	5.00	5.68	6.16
.429	5.50	6.20	6.10	5.46	5.65	—	5.98	5.60:	5.95	6.10
.473	5.70	6.17	6.05	5.40	5.80:	—	5.88	5.80:	6.10	6.15
.518	5.91	6.00	6.08	5.70	6.00	—	5.55	5.90:	6.10	5.00:
.564	6.05	4.67	6.10	5.95	5.94	—	5.50	6.10:	6.00	5.00
685.352	5.46	6.20	6.14	5.40	5.16	6.15	6.00:	6.25:	5.63:	5.70
687.282	5.98	6.40	5.78	5.95	5.94	—	5.80:	6.10:	5.72:	6.10
.327	6.10	6.25	5.78	5.80	6.00	—	5.94	6.20:	5.90	5.80
.372	5.98	6.30	5.80	6.10	6.10	—	5.87	6.20:	5.96	4.86
.418	5.20	6.17	5.95	5.85	6.12	—	5.80:	6.20	6.00	5.30
692.294	5.98	5.85	5.95	5.80	5.98	—	5.92	6.10	5.60	6.08
.339	5.30:	6.20	6.05	5.30	6.00	—	5.60:	6.15	5.70:	6.15
.385	5.46	6.17	6.08	5.35	6.00	5.20:	5.53	6.20	5.80	6.25
.430	5.55	6.17	5.35:	5.42	6.06	5.00:	5.60	6.20	5.95	6.07
.476	5.80:	6.35	5.09	5.70	5.16:	6.10:	5.57:	6.20:	6.00:	6.15
.523	5.60	6.17	5.60	5.90	5.05	6.10	5.70	5.20:	5.96	6.20
695.318	—	5.82:	5.75:	5.10:	5.80:	5.90:	5.70	6.20:	5.96	5.90:
699.325	6.10	4.70	6.10	6.00	5.53	5.60	5.60	6.20	5.94	6.14
.370	6.10	5.30	6.00	5.92	5.90	6.00:	5.75	6.10:	6.10	6.16
.415	6.10	5.72	5.80	5.05	5.96	—	5.90	5.20:	6.15	4.80
.461	5.60	6.00	5.00	5.38	6.08	—	6.05	5.60:	5.80	4.95
.496	—	5.82	5.33:	—	—	—	—	5.95:	—	5.15
700.403	6.05	4.86	6.10	5.95	5.75	—	5.70	4.90	5.80	6.16
702.400	5.75	—	4.95	5.30	6.10	—	5.82:	5.40	5.94	6.16

Таблица 2 (продолжение)

J.D. \ 24...	49	50	51	59	68	69	70	74	75	82
36703.410	5.58	5.33	5.10	6.10	6.10	6.00:	5.78:	5.70:	5.80:	6.20
715.381	4.90	5.82	5.85:	5.60	5.80:	6.00:	5.55:	6.25:	5.75:	6.20:
716.312	5.98	—	5.90	6.05	6.00	—	5.62	5.80:	6.05	5.40
37024.284	6.00:	5.87	5.80	6.00	5.90:	—	5.95:	5.80:	5.70:	6.00
.329	6.10:	6.30	5.80	6.17	5.92	—	5.82:	5.98:	5.80	6.16
.376	5.96	6.25	5.90	5.90	5.78	—	5.65	6.20:	5.75	6.16
.423	6.10	6.50	6.17	5.40	6.05	—	5.52	5.80:	6.20	6.10
.474	5.60	6.40	6.20	5.60	6.12	—	5.67	6.00:	6.20	6.00
.528	6.10	6.17	6.00	5.80	6.00	5.90:	—	6.20	5.96	6.25
047.495	6.00	6.30	5.00	5.65	6.00	6.00:	5.98	6.00:	5.70	6.16
072.367	5.45	5.33	6.10	5.95	5.72	6.20	6.05	6.20	5.90	4.60
114.353	6.10	6.20	6.17	5.97	6.00	—	5.30:	5.60	5.88	5.00
128.322	5.39	5.45	6.25	6.05	5.88	—	5.68	6.10:	6.00	6.20
129.309	4.90	5.40	5.33	5.30	5.40	5.80	5.98	6.20	6.10	6.20
130.316	6.20	5.80	6.00	6.10	5.50	—	5.75	6.20	6.15	6.12
131.343	6.30	5.55	6.17	6.17	5.55	—	5.40	6.20	5.50	6.04

J.D. \ 24...	84	90	91	96	97	99	105	106	124	125
33034.511	6.00	5.75	6.25	5.49	5.91	5.95	5.88:	6.96:	5.65	5.80
34076.549	—	6.10	6.00:	—	5.65	5.00	5.16:	6.00:	5.50:	5.55
126.399	—	4.95	5.75	5.00:	—	5.40:	—	5.90:	—	5.85:
128.359	—	6.20	5.00	4.75	5.95	5.85:	5.20:	5.45:	—	5.60
131.321	6.10	6.10	6.20	5.60	5.90	6.10	5.10	6.10	5.95:	5.80
133.336	6.00:	6.00	6.10	5.30	5.80	5.88	5.90	6.15	5.90:	5.80
144.392	6.00:	6.00:	5.75	5.01	6.00	5.40	5.60:	6.10:	—	5.40
146.430	5.98	6.20	5.30:	5.30	5.90	5.85	5.20:	5.96:	5.90:	5.15
421.478	—	6.10:	6.04:	6.00:	5.90:	5.30:	—	—	—	5.60:
453.310	5.55	5.80	6.20	6.30	5.85	5.85:	5.30	6.00:	5.85:	5.60
454.362	5.98	5.95	6.15	6.30	5.50	5.72	5.20	5.45	5.55	5.40
.516	5.16	6.15	5.10	4.67	5.85	5.50	5.70:	5.75:	5.85:	5.90
455.422	6.20	5.85:	5.90	5.75	5.20	5.70	5.75:	5.25:	—	5.50
.460	6.00	6.00	6.10	5.75	5.50	5.00	5.70:	5.70:	—	5.50
456.424	5.78	6.00	6.10	5.90	5.40	5.70	5.40	4.80	5.87:	5.46
826.396	5.68:	5.39	6.04	5.90	5.92	5.85	5.10	5.20	5.90:	5.90
834.449	5.98	6.00	5.90	6.00	5.80	5.30	5.25:	5.65:	5.75	5.70
.477	6.10	6.00	5.75	6.00	5.60	5.30	5.16	5.10	5.80	5.70
35219.385	5.80	4.85	5.80	5.90	5.45	5.56	5.86	6.10	5.90	5.46
226.458	—	6.20	6.00	—	—	5.90:	—	—	—	5.60
577.540	5.75	6.10	6.15	6.00	5.85	6.00	5.86	5.25:	5.95	5.58
578.280	5.94	5.39	5.95	5.25	5.95	5.88	5.20	6.10	5.92	5.50
.337	5.96	5.98	4.90	5.50	5.87	5.70	5.46	6.05	5.84	5.58
.448	—	6.05	5.60	—	5.33	5.53	5.80:	—	5.50	5.90

Таблица 2 (продолжение)

J.D. ₀ \ 24...	84	90	91	96	97	99	105	106	124	125
35578.496	6.10	6.00	5.65	5.95	5.47	5.58	5.76	6.10	5.53	6.00
579.290	5.70	5.05	6.10	5.01	5.95	6.00	5.80	5.94	5.75	5.40
.313	5.60	5.33	6.16	5.30	5.88	6.05	5.90	5.95	5.90	5.28
.333	5.60	5.33	6.00	5.40	5.90	6.00	5.88	6.02	5.80	5.33
591.323	—	6.00	6.20	5.35	5.93	5.90:	5.70:	5.75:	—	5.50
592.361	5.40:	6.00	6.05	5.49	5.93	5.90	5.30:	5.30:	—	5.65
593.314	6.00:	5.59	5.60	5.15	5.90	5.70:	—	6.00:	—	5.20
595.294	5.68	1.90	4.90	5.30	5.91	5.90	5.20	6.10	5.90	5.98
.337	5.30	5.30	5.10	5.40	5.94	5.96	5.86	6.10	5.82	5.60
.360	5.40:	5.39	5.10	5.45	6.00	5.80	5.80:	5.92:	5.82:	5.60:
.380	5.50	5.90	5.30	5.85	5.91	5.56	5.94	6.10	5.90	5.50
.420	5.75	5.82	5.67	5.90	5.85	5.30	5.94	6.00	5.90	5.28
596.233	6.07	6.27	6.10	4.80	5.49	5.95	5.86	5.88	5.90	5.65
.265	6.00	5.05	6.10	5.01	5.55	5.96	5.94	5.90:	5.90:	5.65
597.286	5.78	5.80	6.16	5.30	5.80	5.98	5.22:	5.40:	—	5.60
598.293	5.40	6.28	6.16	5.30	5.81	5.80	5.83	5.90	—	5.70:
.308	5.39	5.98	6.20	5.42	5.85	5.70	5.92	5.80	—	5.55
.339	5.52:	4.95	6.20	5.40	5.89	5.70:	—	5.16:	—	5.80
600.384	5.90:	5.80	6.20	5.55	5.92	5.50:	5.60:	5.95:	—	5.65
601.373	5.80	6.10	6.00	5.49	5.91	5.70	5.86	—	5.90	5.50
.388	5.65	6.17	6.04	5.55	6.00	5.96	5.50:	5.90:	—	5.46
.403	5.80	6.28	6.16	5.95	5.91	5.70	5.90	6.07	5.92	5.53
.419	5.68	6.00	6.16	5.85	5.93	5.85	5.80:	6.00:	—	5.50
.434	5.73	5.30	6.16	6.10	5.93	5.65	5.86	6.02	5.92	5.58
.450	5.82	4.86	6.13	5.85	5.90	5.80	5.80:	6.02:	5.92:	5.60
.498	5.96	4.90	6.16	5.90	5.46	5.50	5.88	6.05	5.90	5.80
.526	5.90:	5.30	6.15	6.00:	5.40:	5.60	5.60:	5.90:	5.90:	5.80
602.235	6.00	6.05	4.85	5.00	5.35	5.50	5.50	5.74	6.00	6.00
.250	5.98:	6.00	5.06	5.15	5.40	5.00	—	—	5.92:	5.96
.266	5.94	6.20	5.10	5.30	5.46	5.30	5.80	5.90	5.91	5.80
.310	6.00	6.05	5.30	5.40	5.80	5.40	5.82	5.94	5.87	5.90
.341	—	6.05	5.55	5.35	5.85:	5.70	5.88	5.90:	5.90:	5.80
.356	5.96	6.10	5.75	5.49	5.75	5.80	5.88	5.95	5.95	5.80
.372	5.96:	6.05	5.82	5.50	5.91	5.96	—	—	5.90:	5.60
.387	6.10	6.10	5.90	5.95	5.88	5.90	5.86	6.06	5.94	5.50
.401	—	6.10	6.00	5.42:	5.91:	5.90	—	—	—	5.46:
.430	5.94	6.10	6.10	5.95	5.90	5.96	5.20	6.08	5.94	5.10
.444	5.60:	5.92	6.17	5.95	5.91:	6.00	5.00:	5.90:	5.90:	5.40
.458	5.40	5.70	6.10	6.30	5.88	6.00	5.30	6.12	5.92	5.45
.473	5.16:	4.97	6.15		5.80:	6.00	5.16	6.00:	5.80:	5.50
.488	5.40:	4.70	6.16	6.20	5.46	6.00	5.30	6.10	5.90	5.60
606.334	5.96	5.90	6.16	5.85	5.90	5.92	5.86	6.10	5.65	5.40
.352	5.97	6.20	6.20	5.55	5.90	5.96	5.80	6.15	5.65	5.50
.370	5.94	6.20	6.15	5.85	5.85	5.96	5.94	6.00	5.70	5.70

Таблица 2 (продолжение)

J.D. \ 24...	84	90	91	96	97	99	105	106	124	125
35606.437	6.05	6.00	4.80	5.95	5.84	6.00	5.70	6.10	5.75	5.90
.456	5.98	6.00	4.50	6.25	5.93	6.00	5.45	6.08	5.50	5.80
.478	6.10	6.05	5.00	6.20	5.88	5.92	5.20	6.00	5.84	5.90:
.495	5.96	6.20	—	5.90	5.75	5.96	5.30	6.00	5.84	5.90
614.243	5.96:	6.00:	6.15:	5.35	—	6.00:	—	—	—	5.40
.308	—	—	6.00:	5.50:	—	6.00:	5.40:	5.90:	—	5.30:
.337	5.90:	—	6.04:	5.35	5.75:	5.70:	5.45:	5.80:	—	5.30
.367	5.65:	4.67	5.00	5.90	5.88:	5.46:	5.80	5.90:	—	5.40
.398	5.40:	4.90	4.70	6.00	5.75:	5.90:	5.40:	6.00:	—	5.40
.440	5.55:	5.09	4.90:	5.90	5.80:	5.70	5.98:	5.95:	—	5.90:
.468	5.68	5.39	5.20:	5.95	5.91	5.50	5.65:	6.05:	5.92	5.90
.494	5.75	5.70	5.60:	5.92	5.93	5.30	5.48	6.02	5.90	5.90
615.243	5.98:	6.00:	—	5.30:	—	5.30	—	—	—	—
.253	5.95:	—	6.20:	5.30	5.30	5.70	5.75:	—	—	—
.276	6.00:	—	6.20:	5.30:	5.25:	5.70	—	—	—	—
.287	6.00:	—	6.20:	5.40	5.20	5.53	5.86	5.50	5.60:	5.55:
.302	6.00:	6.10:	6.20:	5.40:	—	5.53	—	—	—	5.30:
.315	6.00:	—	6.20:	5.49:	5.49	5.70:	5.70:	—	—	5.50:
.340	5.94:	6.10:	—	5.90:	5.60	5.90	—	—	—	5.40:
.352	—	6.20:	6.10:	5.95	5.65	5.90:	5.70:	5.60:	—	5.30
.365	5.98:	6.20:	6.20:	5.45:	5.85:	5.70:	5.50:	5.43:	—	—
.379	5.94:	5.90:	5.90:	5.90:	—	6.00	5.20:	5.70:	—	5.30
.393	6.00:	5.30:	5.80:	6.20:	—	5.70:	5.30:	—	—	5.40
.418	—	4.60	5.30:	5.90:	5.90:	5.80:	—	6.00:	—	—
.432	5.94:	4.80	4.90	5.90:	5.85:	5.77:	5.30:	—	—	5.70
.445	6.00:	4.90	4.60	5.90:	5.90:	5.70:	5.60:	5.86:	—	5.60
.457	5.94:	5.10	4.42	5.90:	—	5.53:	5.70:	6.05:	—	5.80
.470	6.00:	5.20:	4.80	5.95:	5.90:	5.80:	5.50:	6.00:	—	5.70
.483	6.00:	5.30:	5.00	5.80	5.80:	6.00	—	5.95:	5.90:	5.90:
.496	6.00	5.45	5.10	5.88	5.90	5.95	5.50	6.00	5.90:	5.60
36367.389	5.52	5.85	5.97	5.30	5.85	5.76:	—	6.00:	5.90	5.60
368.370	6.00:	5.80	5.60	4.80	5.87	5.76:	5.75:	5.90:	5.95:	6.00
.416	5.98:	5.90	5.90	5.00	5.95	5.70:	5.10:	5.60:	5.80:	5.80
.457	—	6.00:	6.20	5.40:	5.80:	5.90:	5.15:	6.00:	—	4.57
.494	—	—	6.20	—	5.49:	5.96:	—	—	—	5.30:
633.618	6.10	5.85:	6.16	5.10:	5.95	5.80:	5.80:	5.50:	—	6.00:
639.494	6.15	6.17:	6.16	5.30	5.45	5.77	5.16	5.94:	5.50	6.05
.546	6.10	6.10	6.20	4.67	5.70	5.20	—	5.20:	5.80:	6.05
.598	5.80	6.05	6.09	5.30	5.70	5.70	5.80:	5.35:	5.92	5.77
646.518	5.95:	5.83:	5.70	4.60	5.50	5.80	5.80	5.90	5.92	6.10
.563	—	6.00:	5.15	4.80	5.70	5.80:	—	—	—	5.60:
.603	6.10	5.98	5.50	—	5.65	6.00	—	6.00:	5.95	5.46
647.577	5.78	5.80:	5.75:	5.30	5.60	5.85	5.20	—	5.90	6.02
657.308	6.10	5.20	5.89	6.00	5.50	5.50	5.14	5.86	5.92:	6.07
.363	6.05	5.33	6.04	5.90	5.60	5.50	5.40	6.00	5.92	5.75

Таблица 2 (продолжение)

J.D. 24...	84	90	91	96	97	99	105	106	124	125
36657.414	6.02	5.80	6.00	5.90	6.00	5.96	5.76	6.04	5.91	5.60
658.287	5.98	4.92	5.60	6.00	5.53	5.90	5.80	5.96	5.65	5.60
.333	5.96	5.33	5.80	5.95	5.80	5.50	6.05	6.10	5.80	6.00
.377	5.98	5.75	5.89	6.00	6.00	5.50	6.00	6.02	5.62	6.00
.423	5.98	5.75	6.10	6.00	6.00	5.72	5.75	6.08	5.85	6.00
.467	5.98	5.88	6.10	5.50	5.80	5.92	5.32	6.10	5.80:	5.80:
660.495	5.55	5.70:	6.00	4.70	6.00	5.50	5.10	5.80:	5.60:	5.90:
.540	5.60	5.92	6.00	4.70	5.55	5.60	5.20	6.08	5.55	5.50
661.363	6.05	4.97	5.75	5.80	5.70	5.70	5.00	6.10	5.80	5.40
.408	6.00	4.93	4.90	5.91	6.00	5.90	5.55	6.02	5.70:	5.50
.455	6.00	5.09	5.15	5.80	6.00	5.90	5.80	5.10:	—	6.00
.501	6.00	5.60	5.75	4.57	5.91	5.90	5.80	5.16:	—	5.95
.546	6.00	5.88	5.85	5.00	5.40	5.80	5.94	5.80:	5.80:	6.00
.582	5.98	5.90	5.95	5.20	5.20	5.76	5.88	6.00	5.91	5.90
664.509	6.10	5.00	6.20	4.50	5.75	5.62	5.10	6.05:	5.80	5.46
666.331	6.20	5.92	5.95	5.91	5.40	5.62	5.70	5.95:	5.91	5.90
.376	6.20	6.06	6.04	6.00	5.80	5.90	5.90	5.10	5.95:	5.70
.426	5.63	6.05	6.04	6.00	6.00	5.90	5.94	5.25	5.95	5.95
.472	5.10	6.11	6.10	5.10	6.05	5.96	5.80	5.75	5.75	6.00
.518	5.65:	5.45	6.25	4.85	6.00	5.80	5.40:	5.80:	5.50	5.40
.569	5.80	4.67	6.20	5.10	5.50	5.50	5.20	—	—	5.05
668.346	5.75	5.96	5.45	5.90	5.53	6.00	5.86	6.10	5.92	5.46
.390	5.78	6.08	5.75	5.85	5.70	5.56	5.72	6.10	5.90	5.50
.437	5.78	6.08	5.89	5.80	5.80	5.46	5.80	6.05	5.92	5.60
.481	5.98:	6.09	6.10	4.60	5.92	5.50	5.60	6.05:	6.00	6.00
.533	6.00	6.11	6.10	4.65	5.88	5.70	5.16	5.95:	6.00	6.05
.574	6.10	6.00	6.20	5.30	5.60	5.70	5.12	5.28	6.00	6.00
669.340	6.20	5.84	5.20	6.20	5.40	5.82	5.70:	5.90:	6.00	5.40
.384	5.90	6.06	4.85	5.85	5.60	5.74	5.16	6.00	6.00	5.50
.429	5.63	6.08	5.20	5.85	5.92	5.73	5.18	5.98	6.00	5.55
.473	5.50	6.06	5.80	5.00	6.00	5.50	5.60:	6.02	5.65	5.72
.518	5.78	5.92	5.85	4.90	5.92	5.00	5.75:	6.05	5.65:	5.85
.564	5.75	6.11	6.10	5.30	5.80	5.56	5.86	6.10	—	6.00
685.352	5.97:	5.92	5.50	6.20	5.40	5.45	5.90	6.05	5.50	5.95
687.282	5.70	4.90	6.18	5.85	5.78	5.50	—	5.86:	6.00:	5.35
.327	5.40	5.06	6.10	—	5.53	5.50	5.86	5.86	5.92	5.48
.372	5.60	5.92	5.15	5.90	5.40	5.78	5.70:	6.00:	6.00	6.00
.418	5.75	6.00	5.06	5.95	5.53	5.95	5.96:	5.95:	6.00	6.05
692.294	5.94	6.08	5.75	5.95	6.00	5.46	—	6.00	5.80:	5.95
.339	6.02	6.08	6.10	5.80	5.60	5.54	5.75:	5.95:	5.91	6.00
.385	6.15	5.06	6.15	5.95	5.45	5.78	—	5.90:	5.80	5.60
.430	5.92	4.55	6.20	5.70	5.53	5.96	5.10:	6.00	5.91	5.40
.476	—	5.25	6.20	4.53	5.72	6.00	5.20	5.92:	5.85	5.35:
.523	6.10	5.85	6.16	5.30	5.70	5.78	5.60	6.10	5.90	5.48

Таблица 2 (окончание)

J.D. \ 24...	84	90	91	96	97	99	105	106	124	125
36695.318	6.10	6.05:	5.40:	—	—	5.80:	5.20:	6.00:	—	5.30:
699.325	5.70	6.00	6.10	5.90	5.90	5.70	5.44	5.70:	5.92	6.10
.370	5.67	6.08	6.22	6.00	5.60	5.80	5.30	6.00	5.95	6.00
.415	5.75	6.08	6.16	5.98	5.42	5.50	5.80	5.94	6.05	5.55
.461	6.10	5.92:	6.25	4.53	5.45	5.10	5.88	6.00	6.05	5.42
.496	—	6.00	6.25	—	—	—	—	—	—	—
700.403	5.30	6.00	6.10	5.70:	5.60	5.56	5.75	5.80	5.59:	6.10
702.400	5.90	5.90:	6.04	5.95	5.60	5.46	5.80	6.02	5.50:	5.95
703.410	5.20:	5.91	5.67	5.45	5.85	5.50:	5.16	6.00:	—	5.85
715.381	5.55:	6.05:	6.10:	5.95:	5.90	5.20	5.80:	6.08:	5.50:	6.10
716.312	6.00:	5.83	6.20	5.95	5.95	5.60	5.20	5.98	5.70:	5.60
37024.284	6.10	5.90	6.16	5.42	5.30	5.80	5.50:	5.30:	5.80:	5.90
.329	6.15	4.67	6.16	5.50	5.20	5.74	5.92:	5.70:	5.85:	5.95
.376	6.10	4.75	6.16	5.95	5.49	5.95	5.80	5.72	5.40:	5.95
.423	6.05	5.33	6.16	6.00	5.49	5.95	5.86	5.93	5.88:	5.40
.474	5.70:	5.72	6.10	5.95	5.80	6.30	5.35:	6.05	5.88	5.33
.528	5.40	6.17	6.20	5.60	5.95	5.95	5.16	6.10	5.80	5.80
047.495	6.15	6.22	5.67	6.00	5.80	5.95	5.40	6.10	6.00	5.39
072.367	5.94	6.10	5.10	6.00	6.00	5.65	5.92	5.86	5.80	5.39
114.353	6.20	5.10	6.10	5.90	5.80	5.80	5.60	6.05	5.80	5.20
128.322	5.94	5.33	6.25	5.90	5.88	5.80	5.60:	5.86:	—	5.30
129.309	5.60	4.90	6.16	5.80	5.98	5.50	5.80	5.90:	5.75	5.70
130.316	6.10	4.70	6.20	5.60	5.90	5.80	5.70	—	5.80	6.00
131.343	5.94	5.00	6.04	6.17	5.95	5.95	—	5.98:	5.60:	6.20

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