

Osservazioni e riduzioni di occultazioni di stelle

al Refrattore Merz di 22 cm del R. Osservatorio astronomico di Brera in Milano

eseguite da M. CAMPA, Milano

Eingegangen 1941 März 8

1940	n°	Stella BD	Fen.	TU	p	q	p^2	pq	q^2	$\Delta\sigma$	$p\Delta\sigma$	$q\Delta\sigma$	Coeff.		Lunaz.	
													$\Delta\alpha$	$\Delta\delta$		
Gen 20	47	δ Taur	3 ^m 9	Imm.	22 ^h 3 ^m 6. ^s 4	+0.72	-0.70	+0.51	-0.50	+0.49	-0.8	-0.6	+0.6	+11.3	-0.62	211
20	49	68 Taur	4.2	»	23 31 55.8	+0.73	+0.68	+0.53	+0.50	+0.47	+0.6	+0.4	+0.4	+9.5	+0.75	211
23	69	λ Gemi	3.6	»	20 37 26.6	+0.66	-0.75	+0.44	-0.50	+0.56	-0.7	-0.4	+0.5	+7.9	-0.83	211
Mar 16	183	ι 15 Taur	5.3	»	18 16 20.0	+0.73	-0.68	+0.53	-0.50	+0.47	+0.4	+0.3	-0.3	+8.2	-0.82	213
16	184	+18°862	6.6	»	19 33 44.3	+0.61	+0.79	+0.37	+0.48	+0.63	+0.1	+0.1	+0.1	+8.4	+0.80	213
16	185	+18 873	7.0	»	20 42 24.5	+0.92	+0.39	+0.85	+0.36	+0.15	0.0	0.0	0.0	+12.4	+0.49	213
Apr 13	272	+17 1182	5.7	»	21 47 53.6	+0.56	+0.83	+0.31	+0.46	+0.69	+0.7	+0.4	+0.6	+8.6	+0.80	214
Mag 13	364	A^2 Canc	5.7	»	21 13 13.6	+1.00	+0.07	+1.00	+0.07	0.00	+1.1	+1.1	+0.1	+14.5	-0.16	215
19	400	λ Virg	4.6	»	20 9 26.2	+0.41	-0.91	+0.17	-0.37	+0.83	+2.1	+0.8	-1.9	+2.6	-0.99	215
25	405	ρ Sgtr	4.0	»	1 34 18.1	+0.96	-0.28	+0.92	-0.27	+0.08	+1.5	+1.4	-0.4	+14.2	-0.15	215
25	405	ρ Sgtr	4.0	Em.	2 53 11.4	-0.92	-0.38	+0.85	+0.35	+0.15	+1.0	-0.9	-0.4	-12.4	-0.50	215
Ago 9	576	-12°4055	6.7	Imm.	19 27 58.2	+0.86	-0.51	+0.74	-0.44	+0.26	-0.6	-0.5	+0.3	+10.4	-0.70	218
Stt 5	647	-11 3671	6.8	»	18 32 56.0	+0.99	+0.11	+0.99	+0.11	+0.01	-0.1	-0.1	0.0	+14.5	-0.15	219
Dic 5	975	ρ Aqar	»	»	18 21 6.7	+0.99	+0.14	+0.98	+0.14	+0.02	-1.0	-0.9	-0.1	+13.4	+0.42	222
8	993	+2°80	6.6	»	17 32 10.7	+0.78	-0.63	+0.60	-0.49	+0.40	+0.4	+0.3	-0.2	+14.1	-0.35	222

Nella immersione di λ Virginis fu notata una diminuzione di splendore, dovuta al fenomeno di radenza, della durata di pochi secondi precedenti l'occultazione completa.

La correzione adottata, al tempo osservato, secondo quanto in Beob.-Zirk. Astron. Nachr. 23.9 (1941), fu di +0.^b00076. Il calcolo di riduzione venne eseguito secondo quanto in »Supplement to the Nautical Almanac for 1938«.

Lunar Occultations observed during 1939-1940

Von A. NISSEN, Kopenhagen

Eingegangen 1941 März 17

These observations were made at the Rundetaarns Observatorium in the year 1939 with the exception of a single one, which took place in 1940. The instrument was a 155 mm refractor, and reductions were carried out by the method published by the Nautical Almanac Office with the aid of reduction elements given in the NA for 1939-1940. A correction of +1".50 (corresponding to +0.^b00076 in time) has been applied to the mean tabular longitude of the moon.

Computation was executed by E. SINDING. Observers: J=E. WOLFECHEL JENSEN, N=A. NISSEN, S=E. SINDING.

1939-40	Lun.	Ph.	Star	UT	p	q	p^2	pq	q^2	$\Delta\sigma$	$p\Delta\sigma$	$q\Delta\sigma$	Obs.
Feb 26	200	D	BD+18° 594	20 ^h 11 ^m 52. ^s 6	+0.99	-0.13	0.98	-0.13	0.02	-1".0	-1.0	+0.1	S
28	»	»	BD+18 1129	22 24 46.3	+1.00	-0.10	0.99	-0.10	0.01	-0.4	-0.4	0.0	N
Mar 3	»	»	κ Canc	18 37 53.4	+0.96	+0.29	0.92	+0.28	0.08	+0.5	+0.5	+0.1	J
30	201	»	A^2 Canc	19 21 20.2	+0.38	+0.93	0.14	+0.35	0.86	+0.1	0.0	+0.1	N
Jun 27	204	»	28 Libr	21 42 54.7	+0.89	-0.46	0.79	-0.41	0.21	-0.8	-0.7	+0.3	N
28	»	»	ν Scor	20 3 4.0	+0.53	+0.85	0.28	+0.45	0.72	+0.1	+0.1	+0.1	N
Sep 21	207	»	BD-18°5155	18 59 44.4	+1.00	+0.06	1.00	+0.06	0.00	+1.3	+1.3	+0.1	S
Oct 20	208	»	BD-15 5626	18 3 22.6	+0.81	+0.58	0.66	+0.47	0.34	-2.1	-1.7	-1.2	S
20	»	»	β Capr	18 10 58.3	+0.85	+0.53	0.72	+0.45	0.28	-2.0	-1.7	-1.1	N
Dec 17	210	»	BD-4°5793	20 35 59.1	+0.53	+0.85	0.28	+0.45	0.72	-1.2	-0.6	-1.0	J
Jan 16	211	»	BD+5 131	21 19 21.2	+0.78	-0.62	0.61	-0.49	0.39	-0.2	-0.2	+0.1	S