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TIMES OF MINIMA OF SIX ECLIPSING VARIABLES

Since 1975 observations of the times of minimum light of eclipsing variables have been frequently made at the Yonsei University Observatory in Seoul. Altogether 22 times of minima for six variable stars, RZ Cas, AR Lac, VV Ori, β Per, AG Per and W UMa, were reported in several sources available only in Korea. As they were never distributed widely these data are essentially unknown material to those who are not in Korea. It is, thus, our purpose to collect these observations and to report them so that they may be useful to others.

Table I

Stars	List of times of minimum light				Source of Information
	J.D. Hel. 2440000+	E	O-C	Meth.	
RZ Cas	2691.133	10722	0.001	Pe	Lee, Y.S. (1975)
RZ Cas	2697.110	10727	0.002	Pe	Lee, Y.S. (1975)
RZ Cas	2703.086	10732	0.002	Pe	Lee, Y.S. (1975)
RZ Cas	2704.281	10733	0.002	Pe	Lee, Y.S. (1975)
AR Lac	3084.077	1869.5	-0.008	Pe	Nha and Kang(1979)
AR Lac	3420.227	2039	-0.011	Pe	Nha and Kang(1979)
AR Lac	3427.170	2042.5	-0.009	Pe	Nha and Kang(1979)
AR Lac	3428.163	2043	-0.007	Pe	Nha and Kang(1979)
VV Ori	2459.072	0	-0.007	Pg	Lee and Nha (1975)
β Per	2453.063	2702	0.003	Pg	Jeong (1975)
AG Per	1628.7524	8223	-0.0074	Pe	Nha et al. (1975)
AG Per	1680.500	8248.5	0.008	Pe	Nha et al. (1975)
W UMa	2456.061	61741	0.002	Pg	Jeong (1975)
W UMa	2458.230	61747.5	0.002	Pg	Jeong (1975)
W UMa	2461.231	61756.5	0.000	Pg	Jeong (1975)
W UMa	3196.062	63959	-0.005	Pe	Lee, Y.B. (1977)
W UMa	3196.227	63959.5	-0.007	Pe	Lee, Y.B. (1977)
W UMa	3209.241	63998.5	-0.005	Pe	Lee, Y.B. (1977)
W UMa	3212.245	64007.5	-0.004	Pe	Lee, Y.B. (1977)
W UMa	3213.077	64010	-0.006	Pe	Lee, Y.B. (1977)
W UMa	3225.089	64046	-0.005	Pe	Lee, Y.B. (1977)
W UMa	3246.107	64109	-0.006	Pe	Lee, Y.B. (1977)

Table II
Light elements used above

Star	Epoch	Period	Reference
RZ Cas	2429875.6902	1.1952473	Herczeg and Frieboes-Conde (1974)
AR Lac	2439376.4955	1.9831987	Chambliss (1976)
VV Ori	2442459.0787	1.4853789	Eaton (1975)
8 Per	2434705.5493	2.86732442	Frieboes-Conde et al. (1970)
AG Per	2424946.5153	2.02872973*	Semeniuk (1968)
W UMa	2421856.9401	0.333637665	Huffer (1934)

*Period is adopted from Nha et al. (1975)

The data shown in Table I are all made either with the f/5 astrograph or with photoelectric photometer attached to the 40-cm reflector at the Yonsei University campus observatory, except for AG Per which was observed with the 72-cm reflector at the Flower and Cook Observatory of the University of Pennsylvania.

Columns 3 and 4 of Table I are derived from the light elements collected in Table II for each star.

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