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## Epochs of maximum of 10 variable stars of long period

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Epochs of maximum of 10 variable stars of long period, by *W. E. Kruytbosch* †.

The variable stars of long period listed in the accompanying table have been observed by the writer on the Johannesburg plates available at Leiden. In the first column is given the name of the stars as occurring in R. PRAGER's *Katalog und Ephemeriden veränderlicher Sterne für 1934*. Six stars are new variables. The third column gives the epochs of maximum. The epochs marked with an asterisk have been published by Miss DORRIT HOFFLEIT in *Harvard Bulletin* No. 884 of August 1931.

The periods deduced by Miss HOFFLEIT and marked

with an asterisk in column 4 are practically confirmed by the present observations.

The number of epochs is in several cases too small to give reliable results in deducing the period.

The name of the observer by whom the different variables were found or found anew is given in column 5, where H = Miss HOFFLEIT, v. G. = Dr. H. VAN GENT, O = Dr. P. TH. OOSTERHOFF and K = the writer.

The number of plates given in column 6 is that used for the present observations.

Star	R.A. (1875)	Decl. (1875)	J. D. 242 . . . .	Apparent period	Found by	Number of plates
CD Nor	<sup>h</sup> 16 <sup>m</sup> 0 <sup>s</sup> 42	—57° 13' 4"	4650 *) 5476 5685 6123	<sup>d</sup> 217 *)	H.	239
	16 2 55	—59 3° 0'	5745		K. and O.	123
CS Nor	16 4 22	—59 51' 7"	4300 *) 5404	276 *)	H.	136
	16 12 50	—52 4' 5"	5475 6013 6453		K.	289
ER Nor	16 15 0	—59 29' 8"	4273 *) 5479 6082	201 *)	H.	227
X Ara	16 26 18	—55 9° 0'	5462 5815	353 <sup>p</sup>	Fleming	241
	16 28 0	—52 40° 0'	5452 6036		K.	189
	16 28 0	—54 19° 0'	5435 5628 5821 6014	193	K.	204
	16 28 20	—54 19° 0'	5488 5752 6016	264	O.	152
	16 36 11' 4"	—53 43' 2"	5458 5739 6009		v. G.	275