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NEW OBSERVATIONS AND EPHEMERIS OF RT CMa

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Name of the object:
RT CMa

Equatorial coordinates:	Equinox:
R.A. = 06 ^h 13 ^m 11 ^s .4 DEC. = -17°39'16"	2000.0

Observatory and telescope:
0.25-m Schmidt Cassegrain (F/6.3)

Detector:	SBIG ST-6 CCD camera
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Filter(s):	Johnson V
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Comparison star(s):	GSC 5937:1603
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Check star(s):	GSC 5937:1505
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Transformed to a standard system:	No
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Type of variability:	EA
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Remarks:
I observed RT CMa during the period 1996–1998 and obtained the following five new moments of minima. JD _{hel} 2450093.9812, 2450115.9749, 2450403.1885, 2450463.9899, 2450830.1223. I linked these minima and Kordylewski's observation (1963), yielding the following refined ephemeris. $\text{Min I JD}_{\text{hel}} = 245\,0093.9844(3) + 1.2937348(3) \times E.$

Acknowledgements:
I thank Dr. Taichi Kato, Kyoto University for useful discussion and advice.

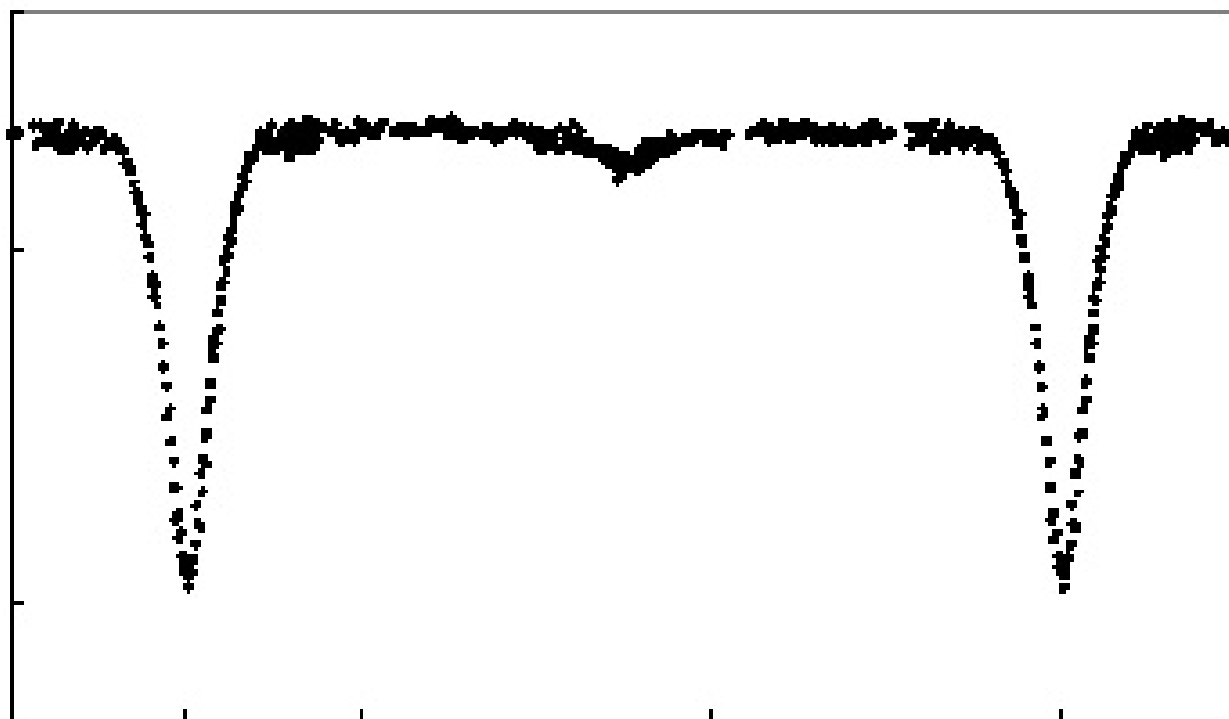


Figure 1.

References:

- Florya, N., 1937, *Publication of the Sternberg State Institute*, Moscow, **8**, 2
Kholopov, P.N. et al., 1985, *General Catalog of Variable Star*, Moscow.
Kordylewski, K., 1963, *IBVS*, No. 35