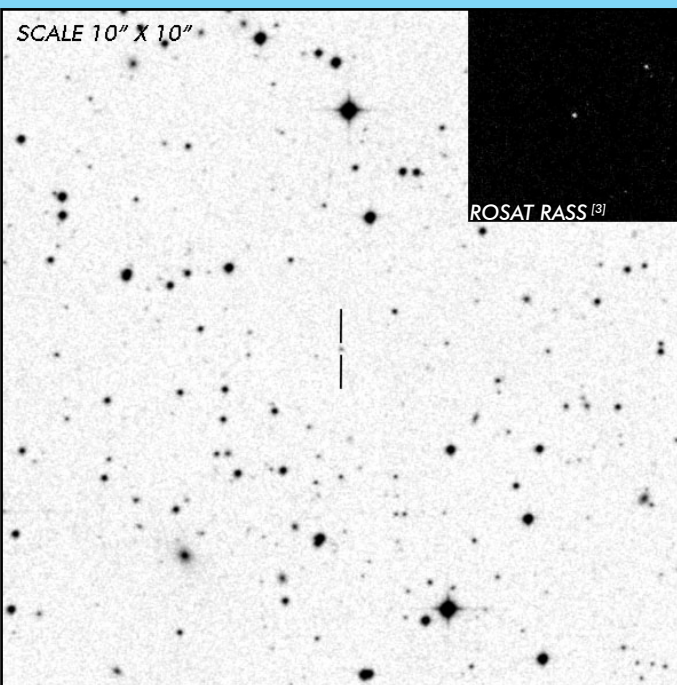


J1007-2017

Long Period Polar

OBSERVATION DATA



OTHER NAME(S): RX J1007.5-2017; RE J1007-20			
FOUND: ROSAT RBSC 1998			
RIGHT ASCENSION ^[1]	10 ^h 07 ^m 34.65 ^s	DECLINATION ^[1]	-20° 17' 32.45"
PARALLAXES (mas) ^[2]	1.384 ± 0.132	DISTANCE (pc) ^[3]	712.597
DISTANCE BOUNDARIES (pc) ^[3]		Lower = 652.246	Upper = 804.519
MAGNETIC FIELD (MG)	B ₍₁₎ = 94	...	WD MASS (e) ...
ORBITAL PERIOD & SPIN PERIOD			
DAYS	HOURS	MINUTES	
0.14486	3.4767	208.6040	
OPTICAL (CRTS MAGNITUDE)			
...
OTHER INFORMATION			

SUMMARY

EXTERNAL LINKS



REFERENCES

- ¹ Gaia Collaboration et al. (2018b): Summary of the contents and survey properties
- ² Bailer-Jones et al. 2018, "Estimating Distance from Parallaxes, IV. Distances to 1.3 Billion Stars in Gaia Data Release 2", *ApJ*, Vol. 156, 58
- ³ HEASARC Skyview: ROSAT All-Sky
- ⁴ Sparks, Warren M. et al. 2021, "Nova-produced Common Envelope: Source of the Nonsolar Abundances and an Additional Frictional Angular Momentum Loss in Cataclysmic Variables", *ApJ*, Vol. 914, Iss. 1, id. 5, pp. 16
- ⁵ Bonnet-Bidaud, J. M. et al. 2015, "Quasi-periodic oscillations in accreting magnetic white dwarfs. I. Observational constraints in X-ray and optical", *A&A*, Vol. 579, id.A24, pp. 18
- ⁶ Thomas, H. -C. et al. 2012, "The high-field polar RX J1007.5-2017", *A&A*, Vol. 546, id.A104, pp. 9
- ⁷ Warner, Brian 1998, "The Annapolis Workshop on Magnetic Cataclysmic Variables", *PASP*, Vol. 110, Iss. 753, pp. 1383-1385