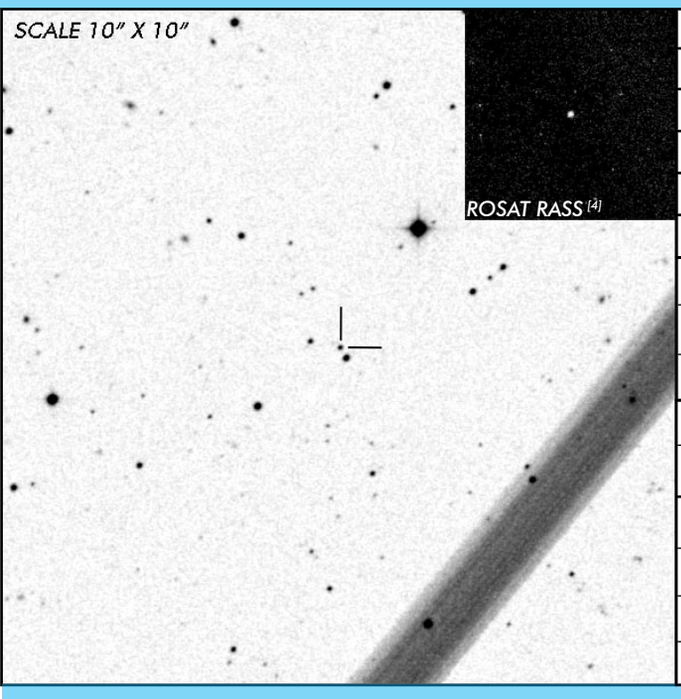
EU UMa

Short Period Polar

OBSERVATION DATA



OTHER NAME(S): RX J1149.9+2844; EUVE J1149+28.7			
FOUND: ROSAT 1993			
RIGHT ASCENSION [1]	$11^h\ 49^m\ 55.70^s$	**DECLINATION** [1]	+28° 45′ 07.30″
PARALLAXES (*mas*) [1]	3.482 ± 0.179	**DISTANCE (*pc*)** [2]	286.938
DISTANCE BOUNDARIES (pc) [2]		Lower = 272.026	Upper = 302.732
MAGNETIC FIELD (*MG*) [3]	$B_{(1)}$=43	...	**WD MASS (⊙)** 1.2

ORBITAL PERIOD & SPIN PERIOD		
DAYS	**HOURS**	**MINUTES**
0.06260	1.5024	90.144

OPTICAL (CRTS MAGNITUDE)			
...	...	...	...

OTHER INFORMATION			

SUMMARY

EXTERNAL LINKS

STScI Sky Survey

SIMBAD

REFERENCES

[1] Gaia Collaboration et al. (2018b): Summary of the contents and survey properties
[2] Bailor-Jones et al. 2018, "Estimating Distance from Parallexes, IV. Distances to 1.3 Billion Stars in Gaia Data Release 2", *ApJ*, Vol. 156, 58
[3] Ferrario, Lilia, et al. 2015, "Magnetic White Dwarfs", *SSRv* 191, 111-169
[4] HEASARC Skyview: ROSAT All-Sky
[5] Howell, Steve B. et al. 1995, "Asymmetric Mass Accretion in the Magnetic Cataclysmic Variable RE 1149+28", ApJ, Vol. 439, p. 991
[6] Ramsay, Gavin et al. 2004, "XMM-Newton Observations of Three Short-Periods Polars: V347 Pav, GG Leo, and EU UMa", MNRAS, Vol. 347, Iss. 1, pp. 95-100
[7] Schwope, A.D. 1995, "Accretion and Magnetism - AM Herculis Stars", RvMA, Vol. 8, p. 125-146
[8] Barrett, Paul et al. 2020, "Radio Observations of Magnetic Cataclysmic Variables", AdSpR, Vol. 66, Iss. 5, p. 1226-1234
[9]

Synchronous Polar
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