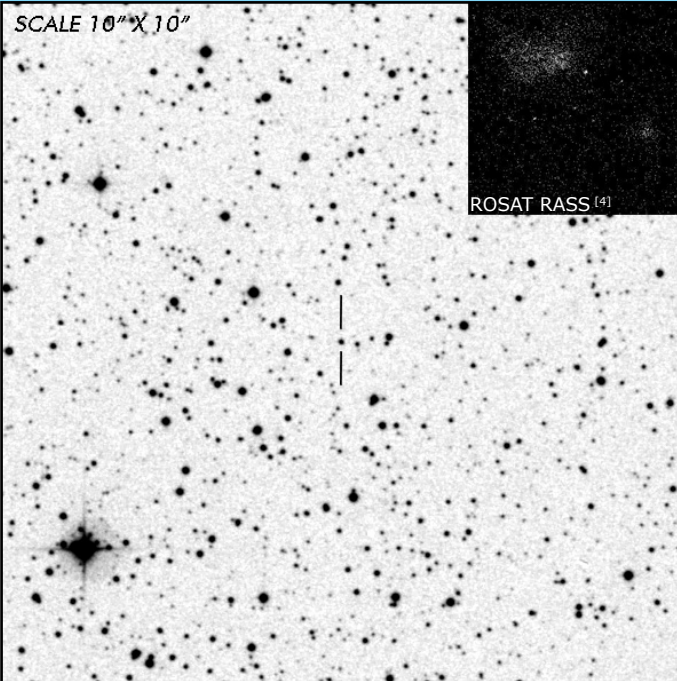




J04571+4527

Long Period Intermediate Polar

OBSERVATION DATA

	OTHER NAME(S): 2MASS J04570832+4527499; SWIFT J0457.1+4528				
	FOUND: ROSAT 2006				
	RIGHT ASCENSION ^[1]		04 ^h 57 ^m 08.321 ^s	DECLINATION ^[1]	
	PARALLAXES (mas) ^[1]		0.6519 ± 0.0744	DISTANCE (pc) ^[2]	
	DISTANCE BOUNDARIES (pc) ^[2]			Lower = 1326.31	Upper = 1683.5061
	MAGNETIC FIELD (MG)		...	W _b MASS (M _⊙)	
	ORBITAL PERIOD (P _o) ^[3]			SPIN PERIOD (P _s) ^[3]	
	DAYS	HOURS	MINUTES	HOURS	MINUTES
	0.2578	6.188	371.2594	0.3385	20.3117
	OPTICAL (CRTS MAGNITUDE)				
...		...	...	...	...
OTHER INFORMATION					

SUMMARY

EXTERNAL LINKS



REFERENCES

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² Bailer-Jones et al. 2018, "Estimating Distance from Parallaxes. IV. Distances to 1.33 Billion Stars in Gaia Data Release 2", *ApJ*, Vol. 156, 58

³ HEASARC Skyview: [ROSAT All-Sky](#)

⁴ Koji, Mukai 2021, [The Catalog of IPs and IP Candidates by Right Ascension](#)

⁵ Suleimanov, V. F. et al. 2022, "Hard X-Ray Luminosity Functions of Cataclysmic Variables: Joint Swift/BAT and Gaia Data", *MNRAS*, Vol. 511, Iss. 4, pp. 4937-4945

⁶ Yu, Zhuo-Li et al. 2022, "A Study on White Dwarf Masses in Cataclysmic Variables Based on XMM-Newton and Suzaku Observations", *RAA*, Vol. 22, Iss. 4, pp. 15

⁷ Thorstensen, John R. et al. 2013, "Optical and X-Ray Studies of 10 X-Ray selected Cataclysmic Binaries", *AJ*, Vol. 146, Iss. 5, pp. 19

⁸ Kaplan, D. L. et al. 2006, "An X-Ray Search for Compact Central Sources in Supernova Remnants. II. Six Large-Diameter SNRs", *ApJS*, Vol. 163, Iss. 2, pp. 344-371