

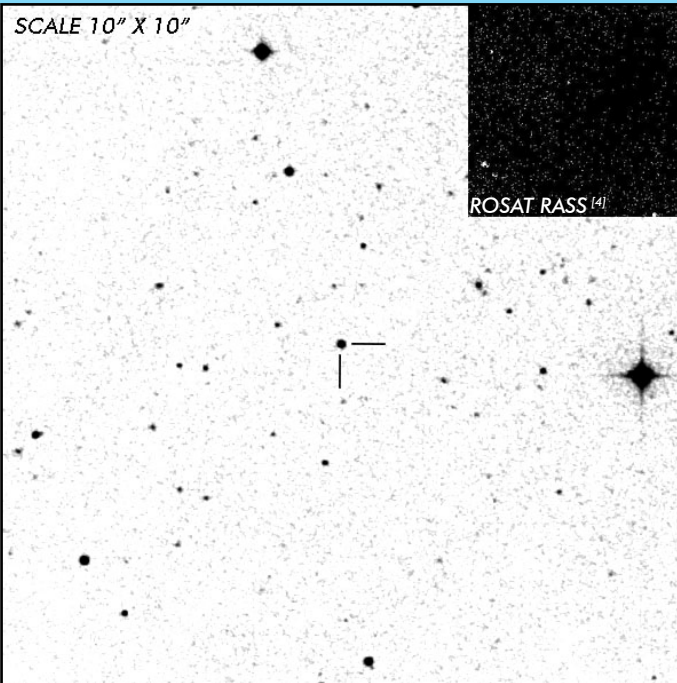


ST LMi

Short Period
Polar

OBSERVATION DATA

SCALE 10" X 10"



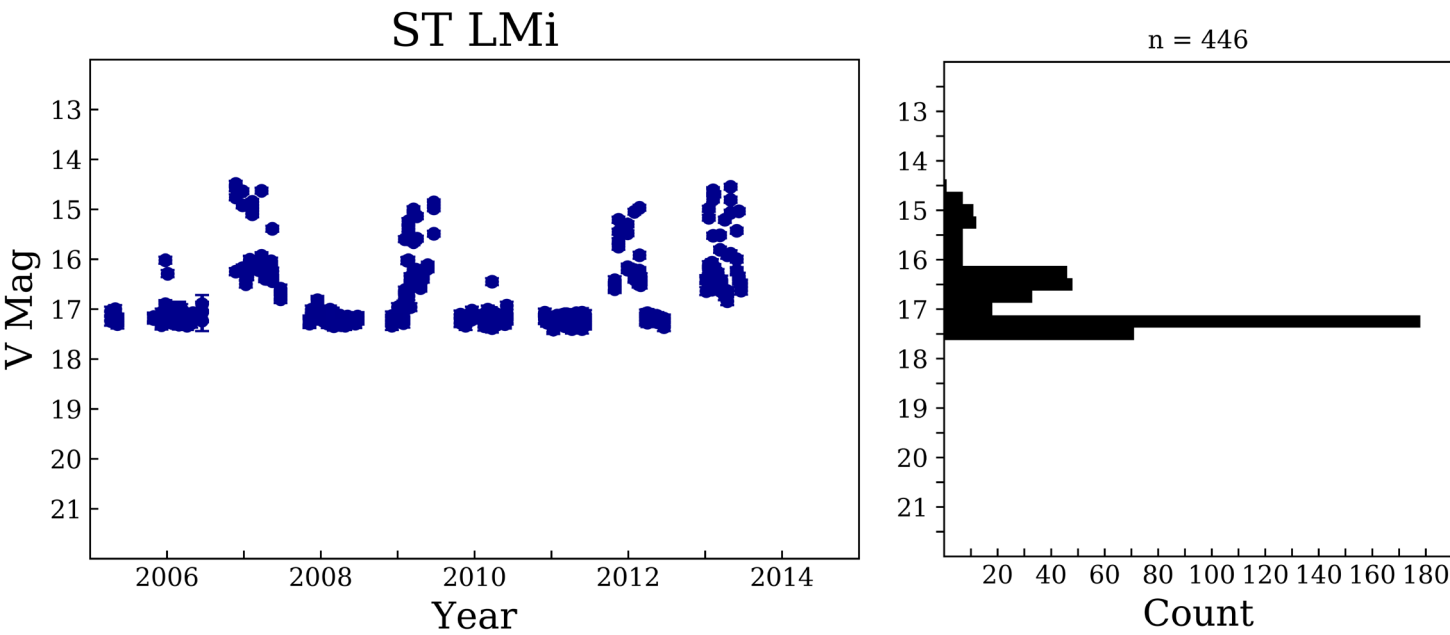
OTHER NAME(S): WD 1102+253; SDSS J110539.77+250628.6; CW 1103+254

FOUND: CW 1982

RIGHT ASCENSION ^[1]	11 ^h 05 ^m 39.76 ^s	DECLINATION ^[1]	+25° 06' 28.75"
PARALLAXES (mas) ^[1]	8.737 ± 0.075	DISTANCE (pc) ^[2]	114.230
DISTANCE BOUNDARIES (pc) ^[2]		Lower = 113.333	Upper = 115.135
MAGNETIC FIELD (MG) ^[3]	B ₍₁₎ = 12	B ₍₂₎ = 21	B _{zee} = 19
WDMASS 0.76			
ORBITAL PERIOD & SPIN PERIOD			
DAYS	HOURS		MINUTES
0.07909	1.8981		113.888
OPTICAL (CRTS MAGNITUDE)			
V _{HIGH} = 14.75	V _{LOW} = 17.5	V _(MODE 1) = 17.25	...
OTHER INFORMATION			

SUMMARY

CRTS PHOTOMETRY



EXTERNAL LINKS



REFERENCES

- ¹ [Gaia Collaboration et al. \(2018b\): Summary of the contents and survey properties](#)
- ² [Bailor-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 [Ferrario, Lilia, et al. 2015, "Magnetic White Dwarfs", *SSRv* 191, 111-169](#)
- ⁴ [HEASARC Skyview: ROSAT All-Sky](#)
- ⁵ [Barrett, Paul E. et al. 2017, "A Jansky VLA Survey of Magnetic Cataclysmic Variable Stars. I. The Data", *AJ*, Vol. 154, Iss. 6](#)
- ⁶ [Szkody, Paula et al. 2009, "Cataclysmic Variables from SDSS. VII. The Seventh Year \(2006\)", *AJ*, Vol. 137, Iss. 4, pp. 4011-4019](#)
- ⁷ [Araujo-Betancor, Sofia et al. 2005, "Far-Ultraviolet Spectroscopy of Magnetic Cataclysmic Variables", *AJ*, Vol. 622, Iss. 1, pp. 589-601](#)
- ⁸ [Wickramasinghe, D.T. and Ferrario, Lilia 2000, "Accretion and magnetic field structure in AM Herculis systems", *NewAR*, Vol. 44, Iss. 1-2, p. 69-74](#)
- ⁹ [Kalomeni, Belinda 2012, "Short and long time-scale variability in magnetic cataclysmic variables: long-term monitoring of polars", *MNRAS*, Vol. 422, Iss. 2 pp. 1601-1608](#)
- ¹⁰ [Howell S.B. et al. 2000, "Infrared spectroscopy of the secondary star in ST Leonis Minoris: implications for Evolution and High-/Low-State Behavior in Cataclysmic Variables", *AJ*, Vol. 530, Iss. 2, pp. 904-915](#)
- ¹¹ [Shore, S.N. et al. 1982, "CW 1103+254: a new cataclysmic at high galactic latitude.", *PASP*, Vol. 94, p.682-689](#)
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