

Query= XZ Cyg

NNo	rem	GCVS	J2000.0	Type	Max	Min	Epoch(JD24..)	Year	Period	M-m/D	Spectrum	References	Other design.
310051	XZ	Cyg *	193229.3+562317	RRAB	8.9	10.16	V 44124.440		0.46670		A5-F5	00001 06225	

The positional information:

NNo	GCVS	J2000.0	p.m.(as/yr)	Epoch	Ident.
310051	XZ	Cyg 193229.31 +562317.5	+0.084 -0.024	2000.0	Hip

Cross-identifications:

XZ	Cyg	= AN	1905.0076	
XZ	Cyg	= BD	+56 2257	
XZ	Cyg	= GSC	3929.01961	
XZ	Cyg	= HD	239124	
XZ	Cyg	= Hip	096112	
XZ	Cyg	= SAO	031761	

Reference to a chart or photograph:

06225. V.P.Zessewitsch, Variable Stars and Methods of Their Studies, (in russian) M., 1970.

Reference to a study of the star:

00001. GCVS compilers.

Remark:

[Fe/H] = -1.2. P var. Max = 2417201.241 + 0.4665878*E -
0.000107d*10**(-6)*E**2 (JD2414000 - 35000) [02550];
Max = 2438562.796 + 0.466570d*E (JD2434000 - 39800);
Max = 2440445.789 + 0.466497d*E (JD2439800 - 41000)
[06237]; Max = 2441453.3856 + 0.4664731d*E
(JD2441000 - 42500) [07424]; Max = 2443028.641 +
0.466438d*E (JD2442500 - 43800) [09101]; Max =
2444142.650 + 0.466649d*E (JD2443800 - 44200)

[09102]; since JD2444100 - see Table.

Besides that the star has a strongly

expressed Blazhko effect; the period of Blazhko effect

varies, too [07424, 07425]. $0.13P \leq M - m \leq 0.22P$;

$0.90m \leq A(B) \leq 1.70m$, $0.70m \leq A(B) \leq 1.30m$;

$-0.05P < O - C < +0.05$;

Max A = $2417025.5 + 57.401d * E$ (JD2417000 - 38500);

Max A = $2438881.7 + 58.387d * E$ (since JD2438500).[09103].

After JD2444000

Blazhko effect period probably decreased to 56.3d [09102].

----*The End*----