

## New Semiregular Pulsating Stars

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#	Name	Other	Coord (J2000)	Type	Max	Min	System	Period	Epoch (JD)	type	Sp	Comment	L.Curve	Find.Chart	Data
1		GSC 04485-00686	22 49 02.26, +72 35 54.3	SR	11.0	11.45	R	65	2451323	max		<a href="#">Comm. 1</a>	<a href="#">1.gif</a>	<a href="#">ch1.gif</a>	<a href="#">NSVS 168648</a> <a href="#">NSVS 1388313</a>
2		USNO-A2.0 1425-15098779	23 27 05.41, +57 25 34.7	SR	12.0	12.4	R	77	2451513	max		<a href="#">Comm. 2</a>	<a href="#">2.gif</a>	<a href="#">ch2.gif</a>	<a href="#">NSVS 1522263</a> <a href="#">NSVS 3497726</a>
3		GSC 04007-01490	23 29 53.64, +56 50 21.9	SR	11.1	11.55	R	58	2451605	max		<a href="#">Comm. 3</a>	<a href="#">3.gif</a>	<a href="#">ch3.gif</a>	<a href="#">NSVS 1524101</a>
4		TYC 4284 00955 1	23 36 30.52, +63 27 28.3	SRA	10.8	11.0	R	37.4	2451512	max		<a href="#">Comm. 4</a>	<a href="#">4.gif</a>	<a href="#">ch4.gif</a>	<a href="#">NSVS 1483403</a> <a href="#">NSVS 3545309</a>

### Comments:

1. J-H = 0.968 (2MASS).
2. IRAS 23247+5708. J-H = 1.103 (2MASS).
3. IRAS Z23275+5633. J-H = 1.114 (2MASS).
4. B-V = 1.456 (Tycho 2).

### Remarks:

I announce the discovery of four new semiregular pulsating variable stars found in the public data release from the Northern Sky Variability Survey (NSVS; Wozniak et al., 2004; see also <http://skydot.lanl.gov/nsvs/>).

These observations were analyzed using the period-search software developed by Dr.V.P.Goranskij for Windows environment. The coordinates were drawn from the 2MASS catalog.

### References:

Wozniak, P.R., Vestrand, W.T., Akerlof, C.W. et al., 2004, Astron. J., 127, 2436