

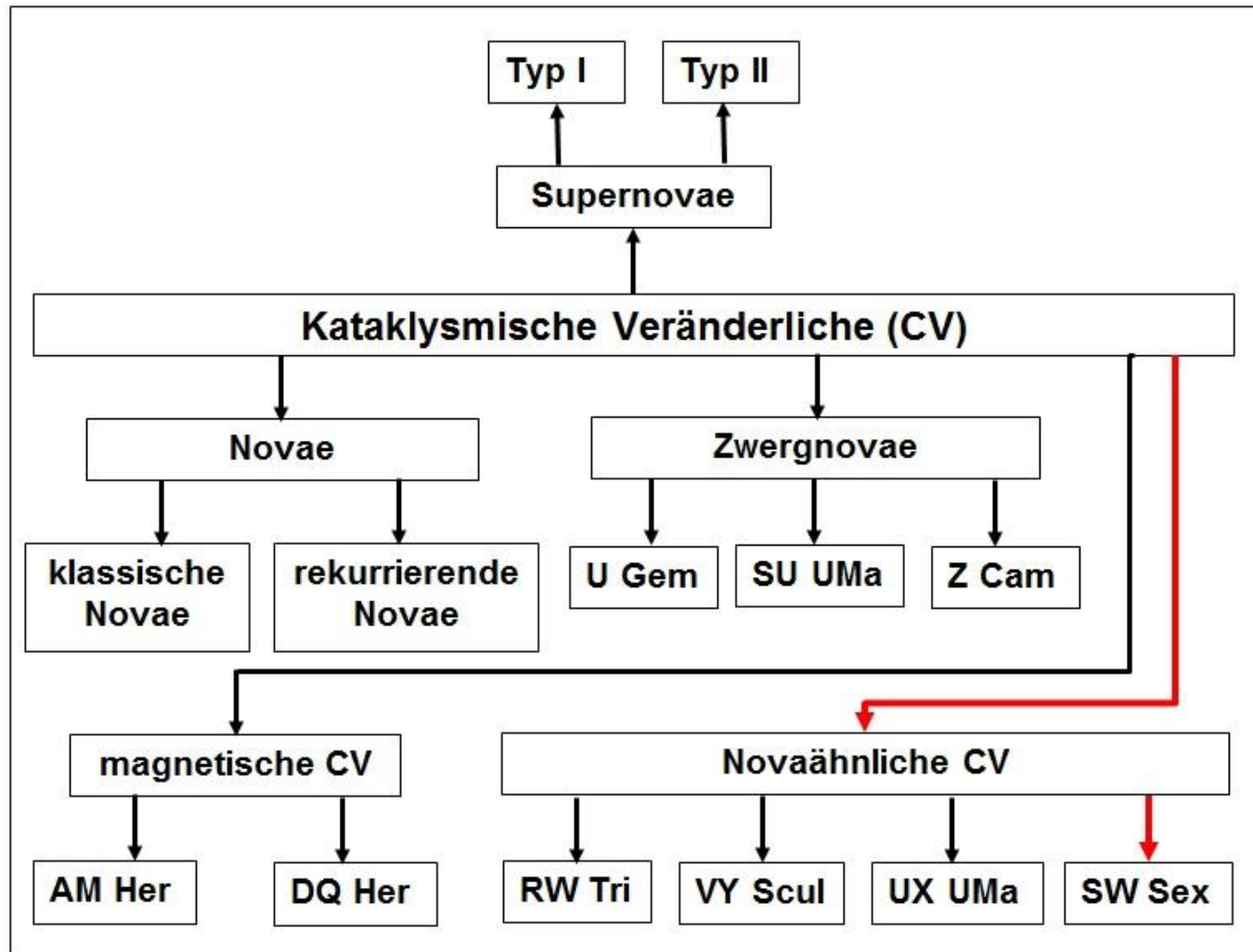
**NSV 1907, ein weiterer bestätigter Veränderliche vom SW Sex Typ**

Rainer Gröbel

Bilder zum Vortrag in Hartha 2016

NSV 1907, ein neuer novaähnlicher Kataklysmischer vom SW Sextantis Typ ?





Polare intermediäre Polare

Stark magnetischer WD

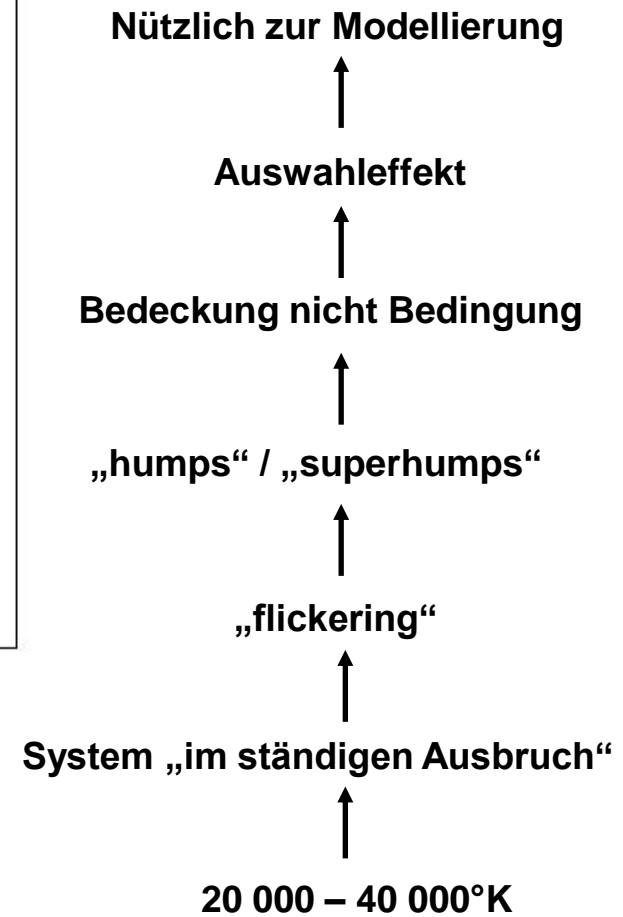
UV Überschuss, Röntgenquelle

Akkretionsscheibe: keine, oder nur teilweise

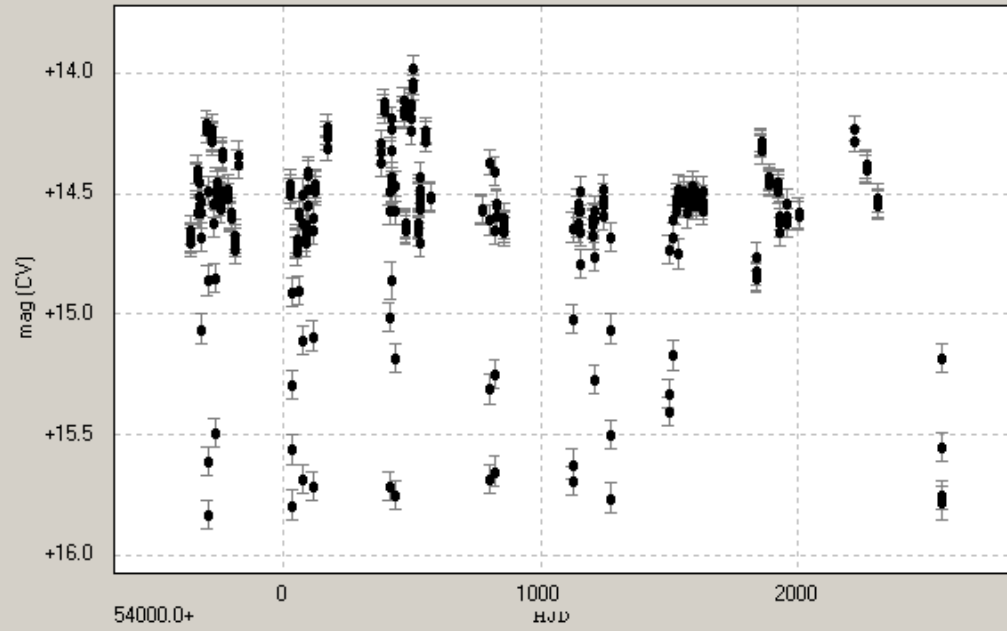
Schwach magnetischer WD

UV Überschuss, Röntgenquelle?

vollständig

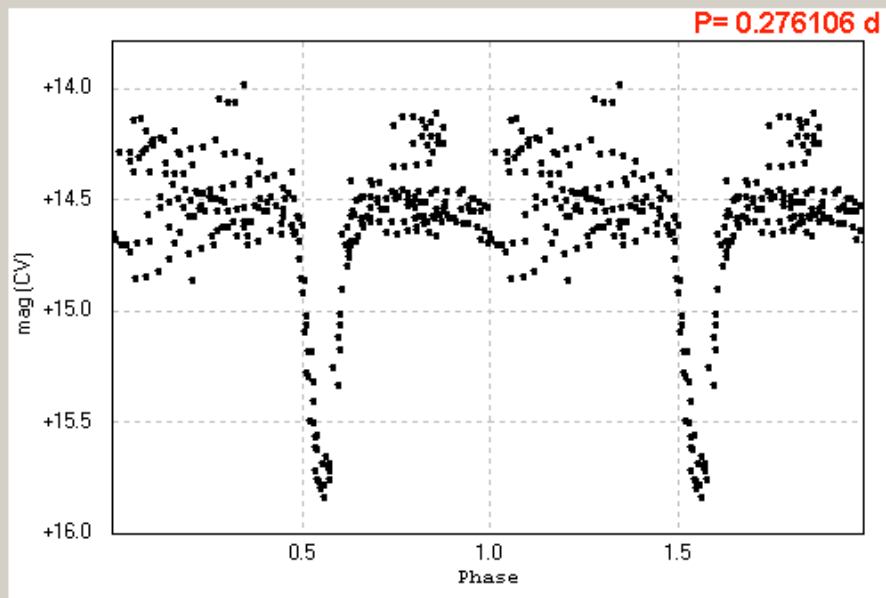


NSV 1907



Hoffmeister (1963): S8003, 0.5 mag. LP variable, NSV 1907

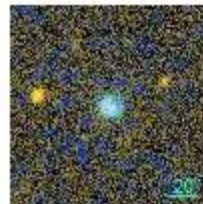
Drake et al. (2014): Algol type, 0.2761 d period, 1.10 mag. amplitude



"IAU" Name: GALEX J051654.1+033252

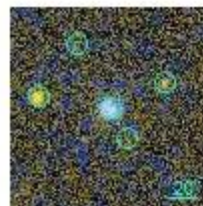
| Tile Name: AIS_311  |     |                  |       |      |                  |      |  |     |          |      |
|---------------------|-----|------------------|-------|------|------------------|------|--|-----|----------|------|
| objid               | vsn | tile             | stile | type | ow               | prod | img  | try | band     | xid  |
| 6381858142454548287 | 2   | 50311            |       | 1    | 1                | 1    | 1  | 7   | 3        | 1855 |
|                     |     | R.A. : 79.225489 |       |      | DEC : 3.547816   |      |  |     | band : 3 |      |
| Number of Visits in |     | direct mode:     |       |      | FUV(2)<br>NUV(2) |      | <input checked="" type="checkbox"/> Show Photo Objects |     |          |      |
|                     |     | grism mode:      |       |      | 0                |      | <input checked="" type="checkbox"/> Show Spec Objects  |     |          |      |

FUV



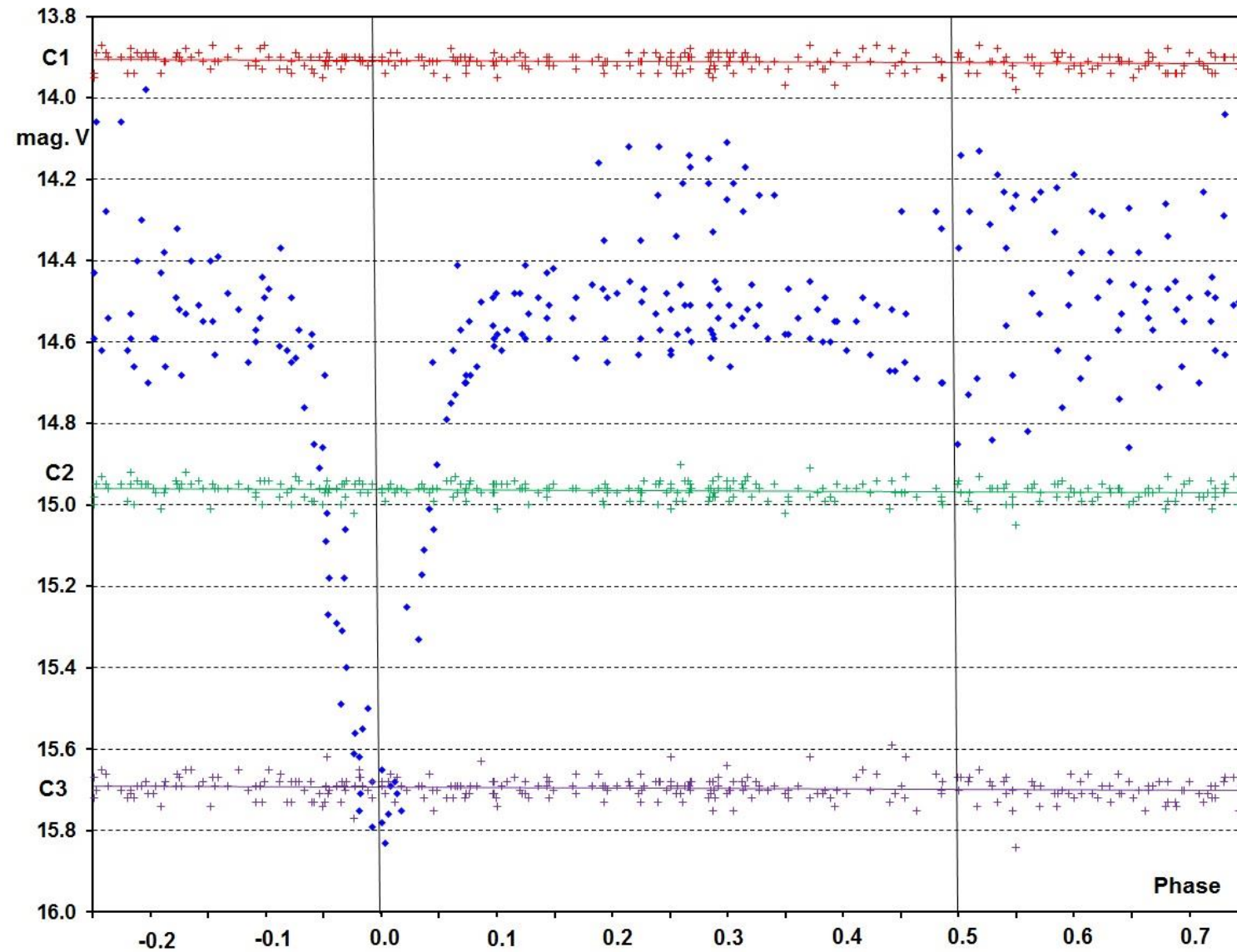
| RA : 79.225473 |                   | DEC : 3.547815 |          |
|----------------|-------------------|----------------|----------|
| fuv_mag        | 16.10 +/- 0.02    | fuv_fwhm_world | 0.0011   |
| fuv_flux       | 1312.67 +/- 28.88 | fuv_exptime    | 192 sec. |
| e_bv           | 0.1001            | fuv_artifact   | 0        |
| fuv_weight     | 158.13            | fuv_flags      | 0        |
| fuv_ncat_flux  | 1321.26 +/- 35.34 | pixel scale    | 0.0"     |

NUV

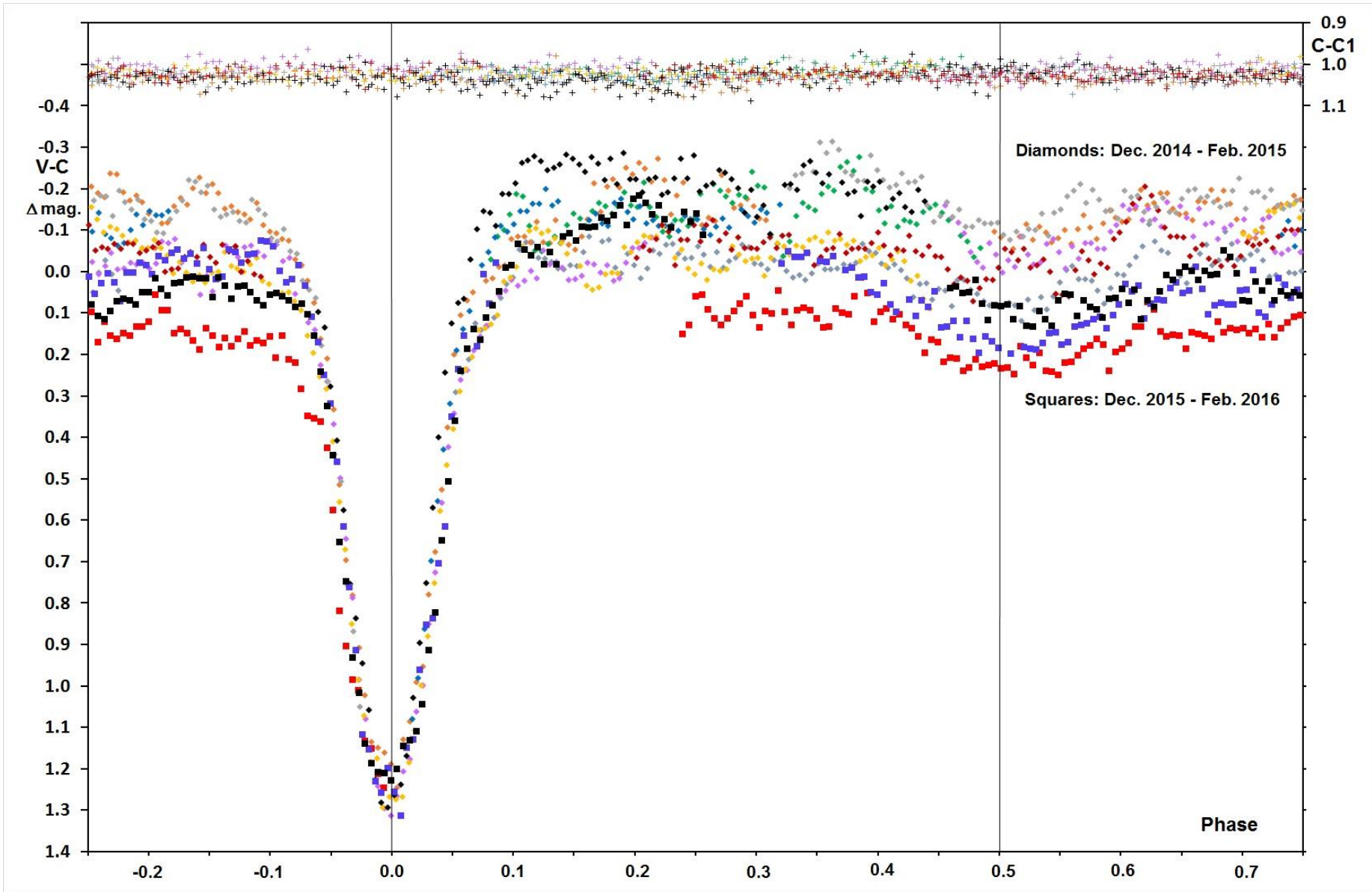


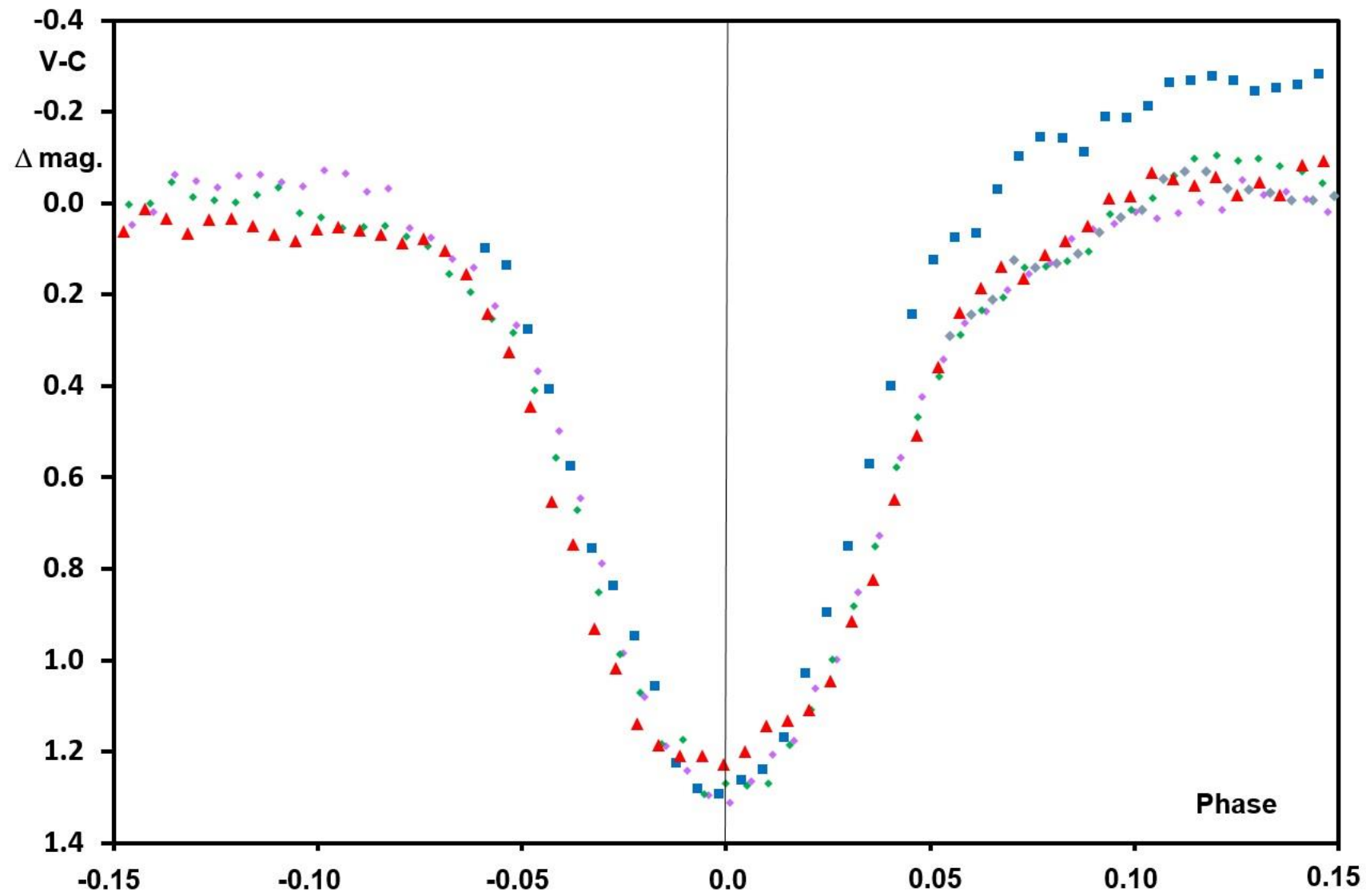
| RA : 79.225489 |                   | DEC : 3.547816 |          |
|----------------|-------------------|----------------|----------|
| nuv_mag        | 16.09 +/- 0.02    | nuv_fwhm_world | 0.0015   |
| nuv_flux       | 1330.96 +/- 19.73 | nuv_exptime    | 196 sec. |
| e_bv           | 0.1001            | nuv_artifact   | 0        |
| nuv_weight     | 120.94            | nuv_flags      | 0        |
| nuv_fcat_flux  | 1309.90 +/- 16.28 | pixel scale    | 1.5"     |

Fuv - Nuv Index = 0,01

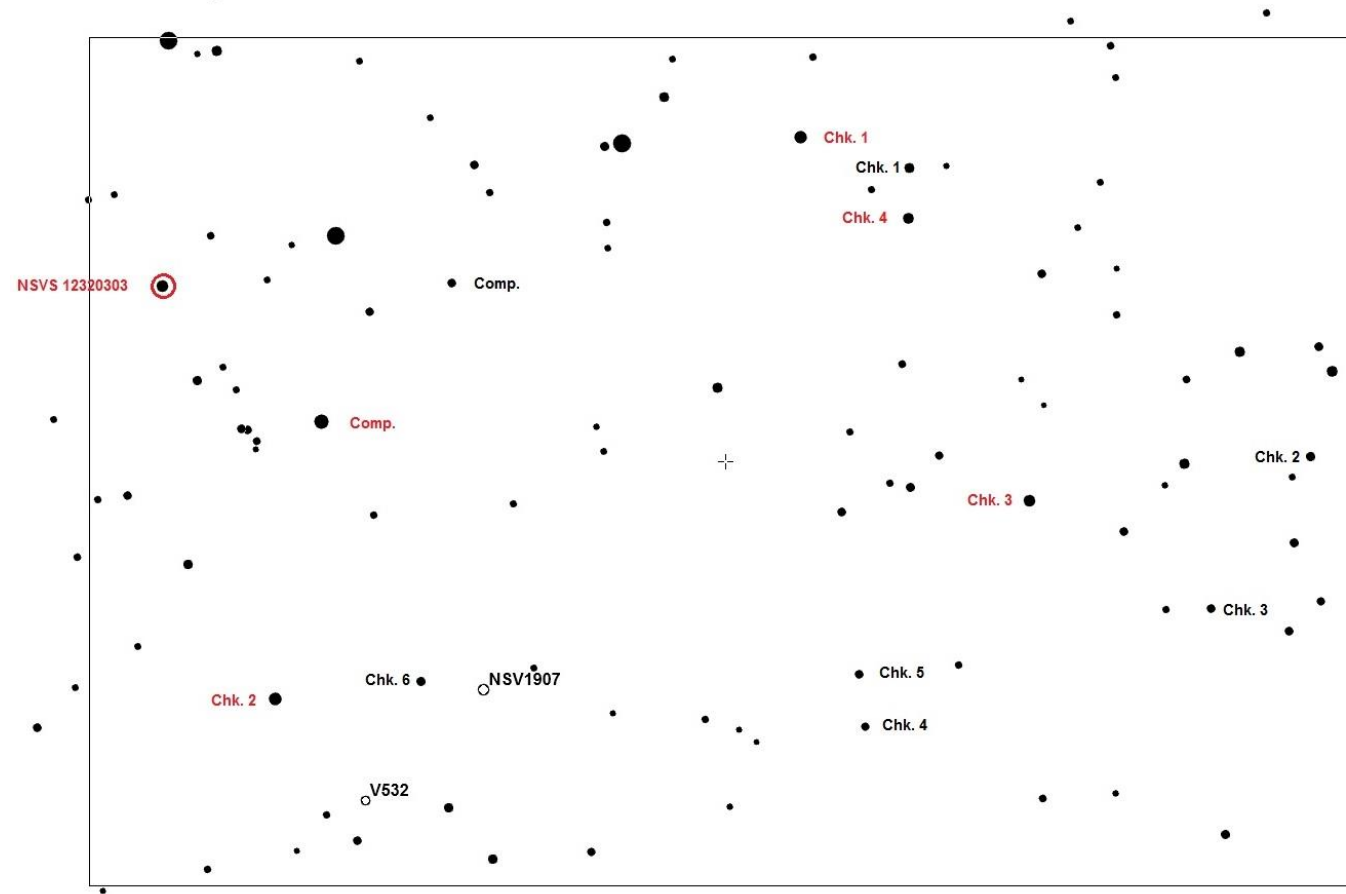


**CSS data:**  
**283 Messpunkte**  
**+/- 0,05 mag.**  
**verteilt über ~ 8 Jahre**





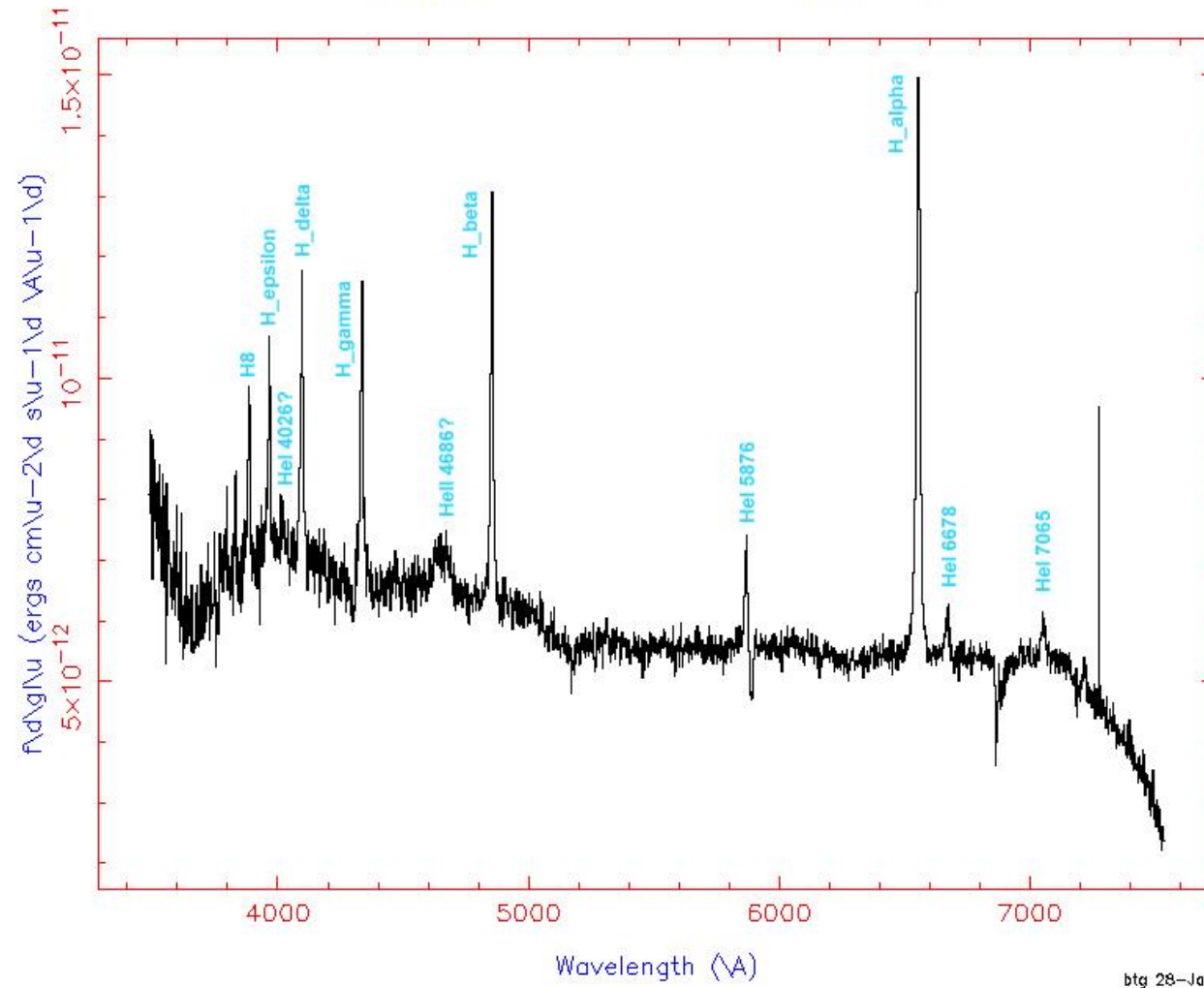




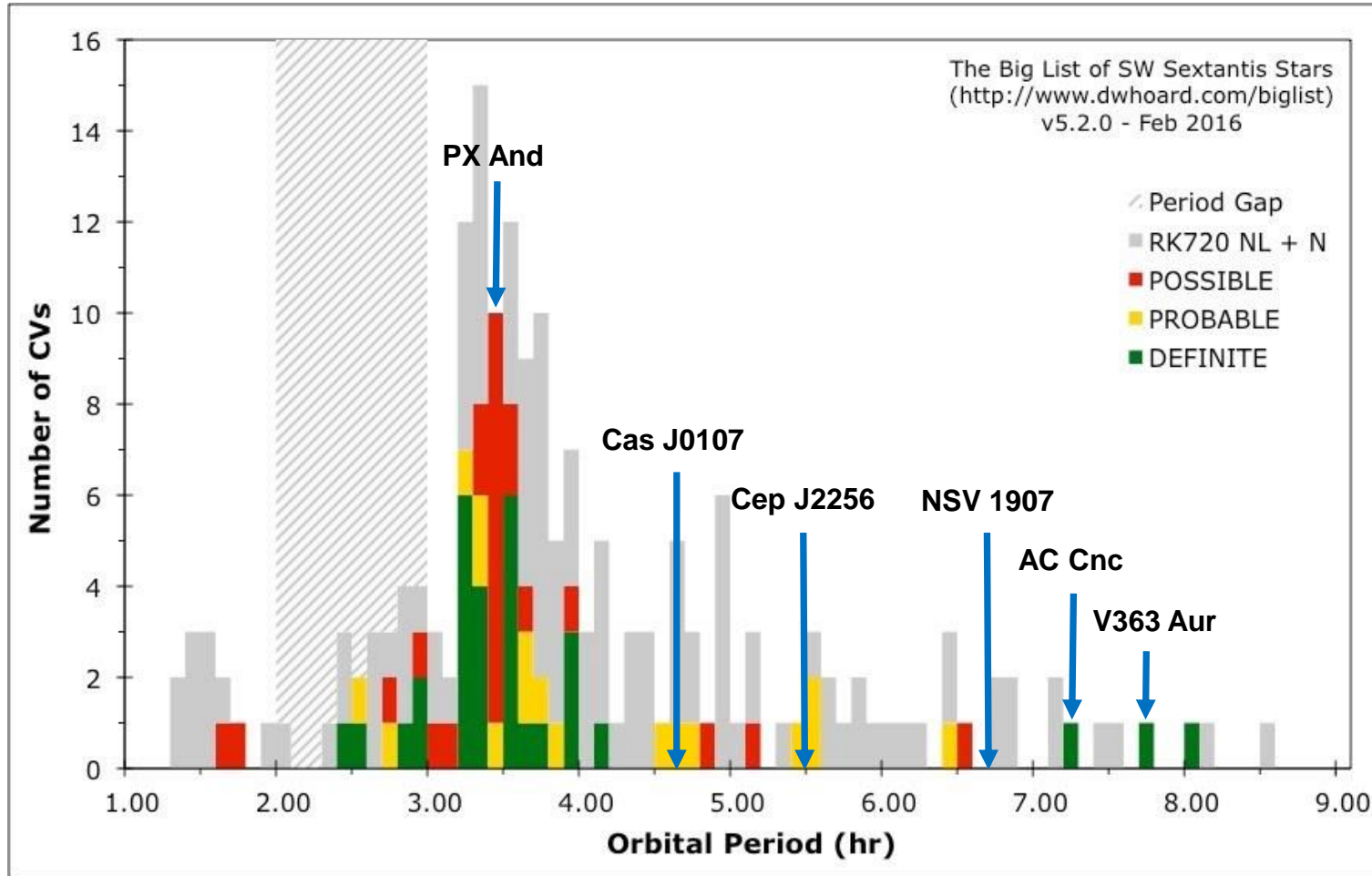
Das Feld der Kamera, nach Guide

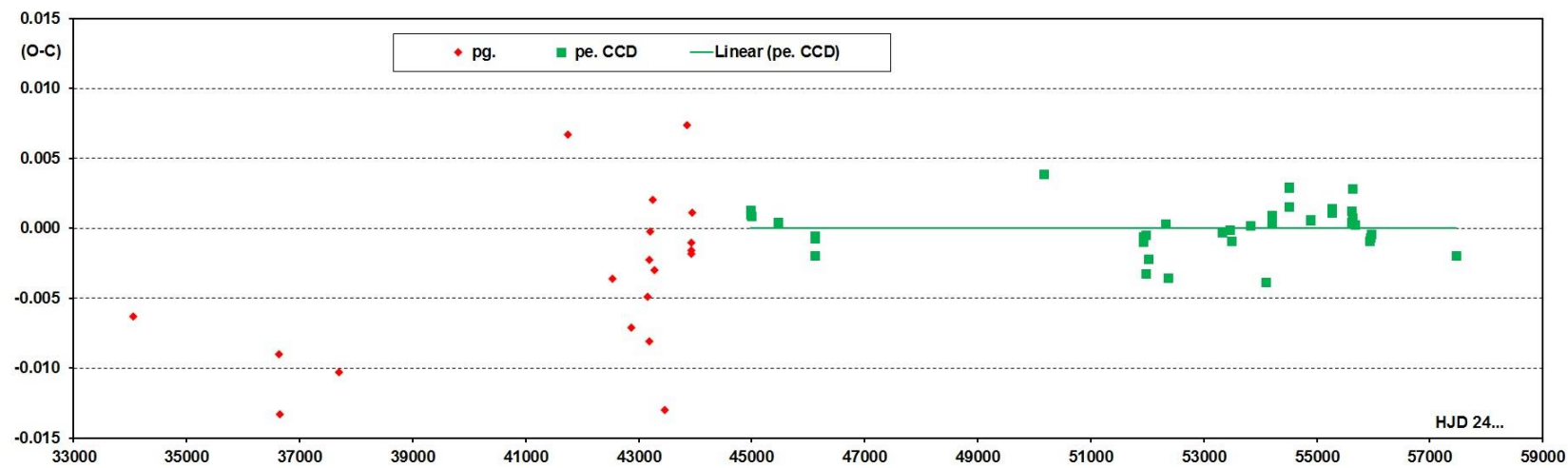
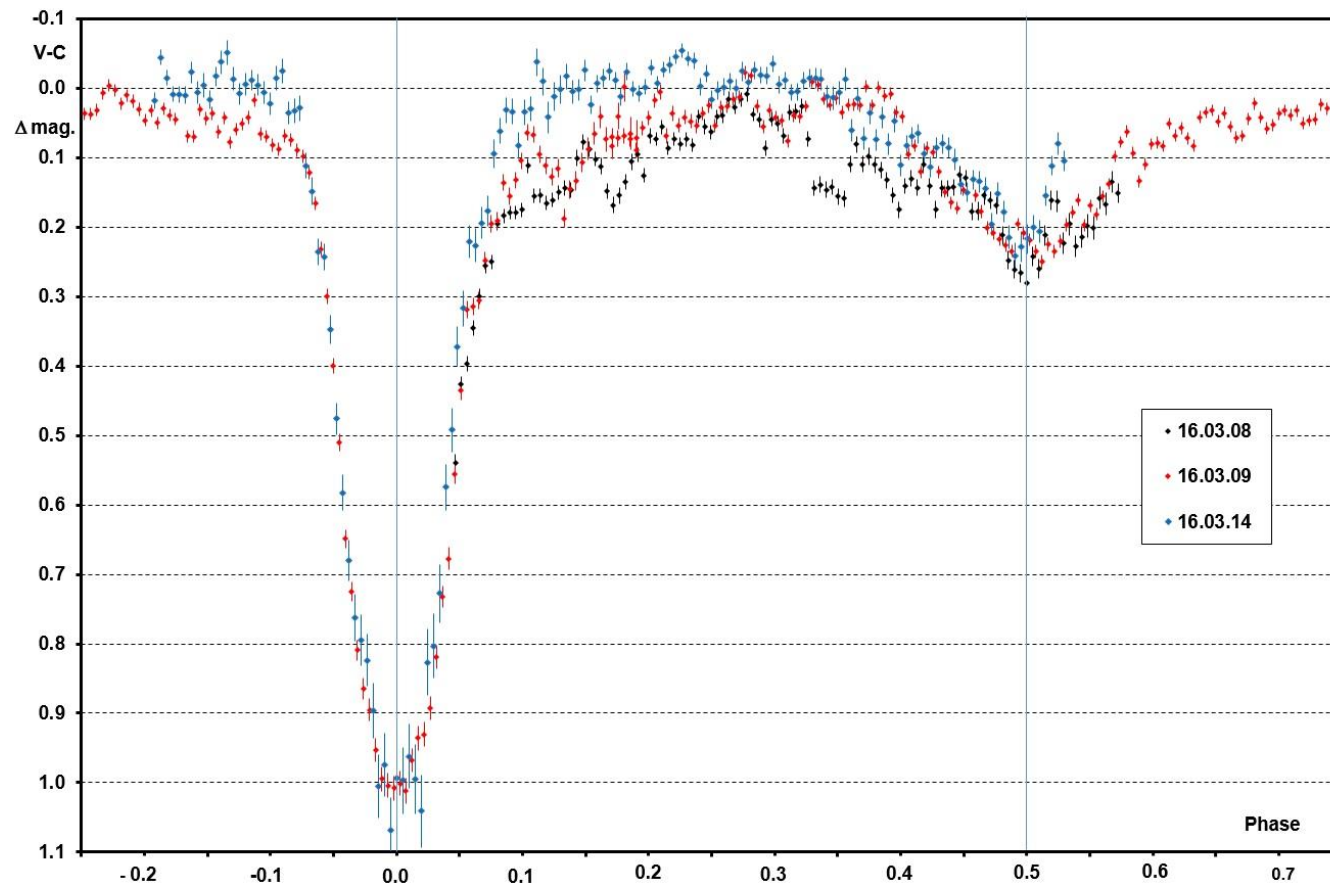
NSV1907

, slot 101

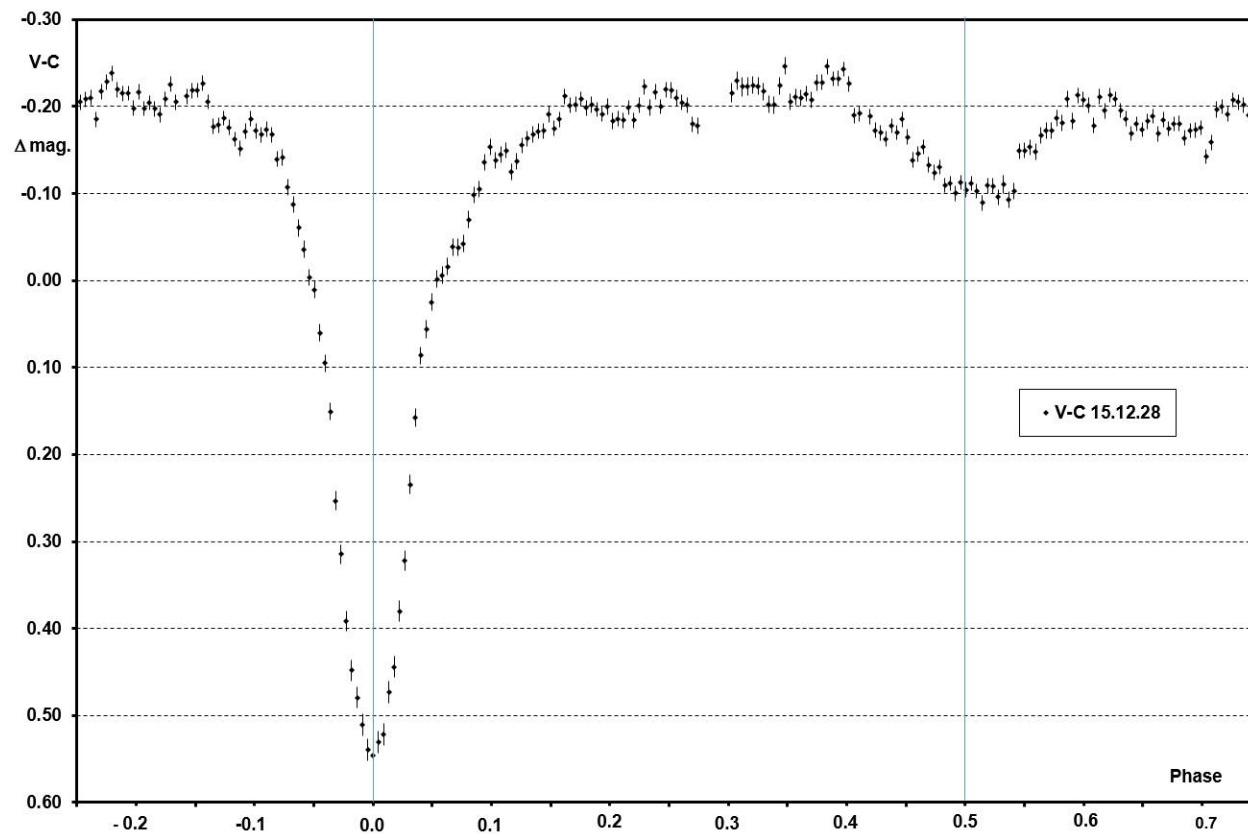


btg 28-Jan-2016 17:34

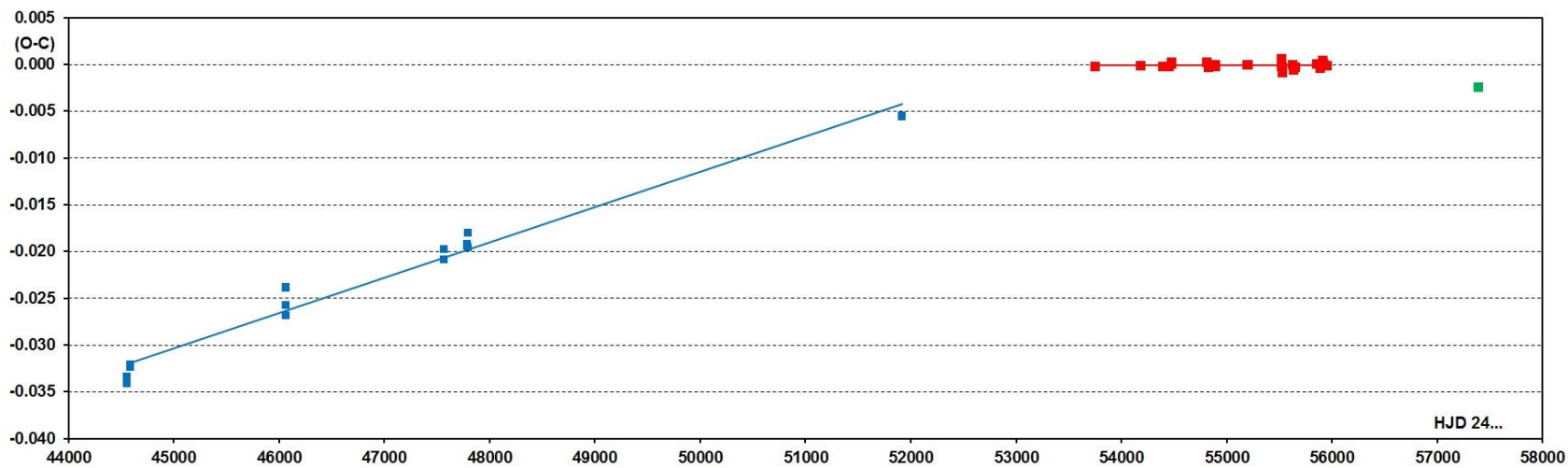


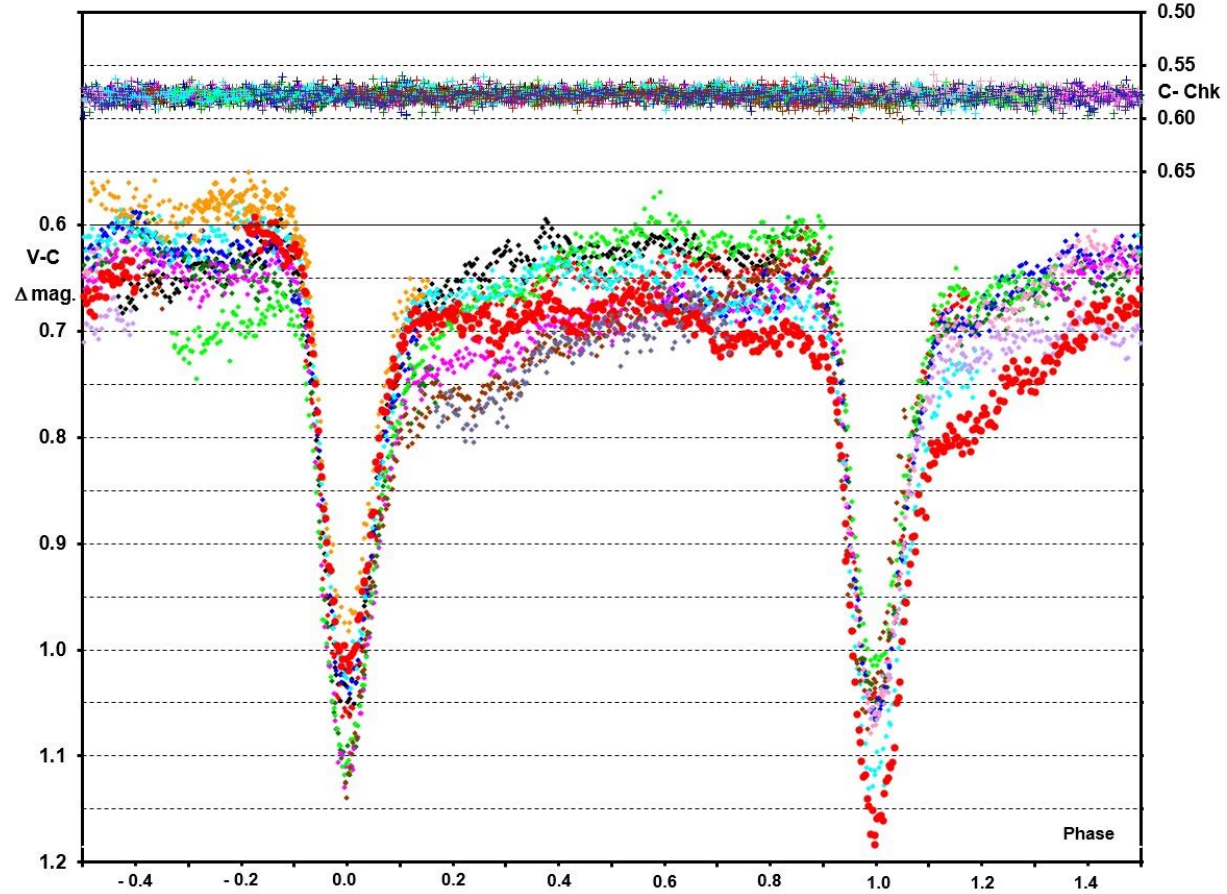


In der LkDB enthalten



V363 Aur  
P: 7.7 h



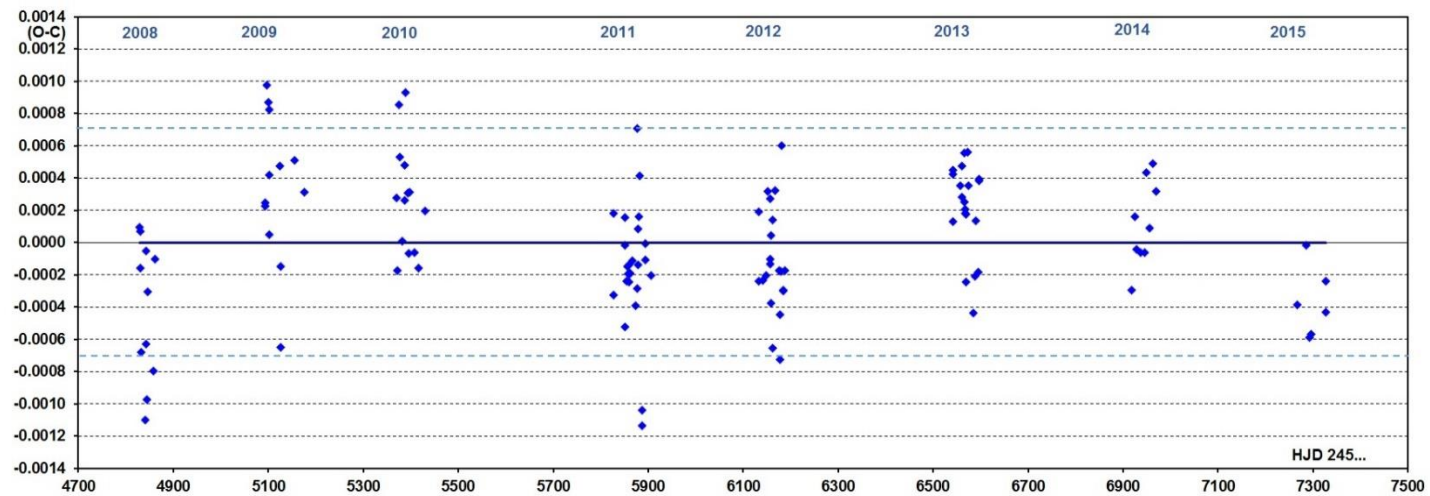


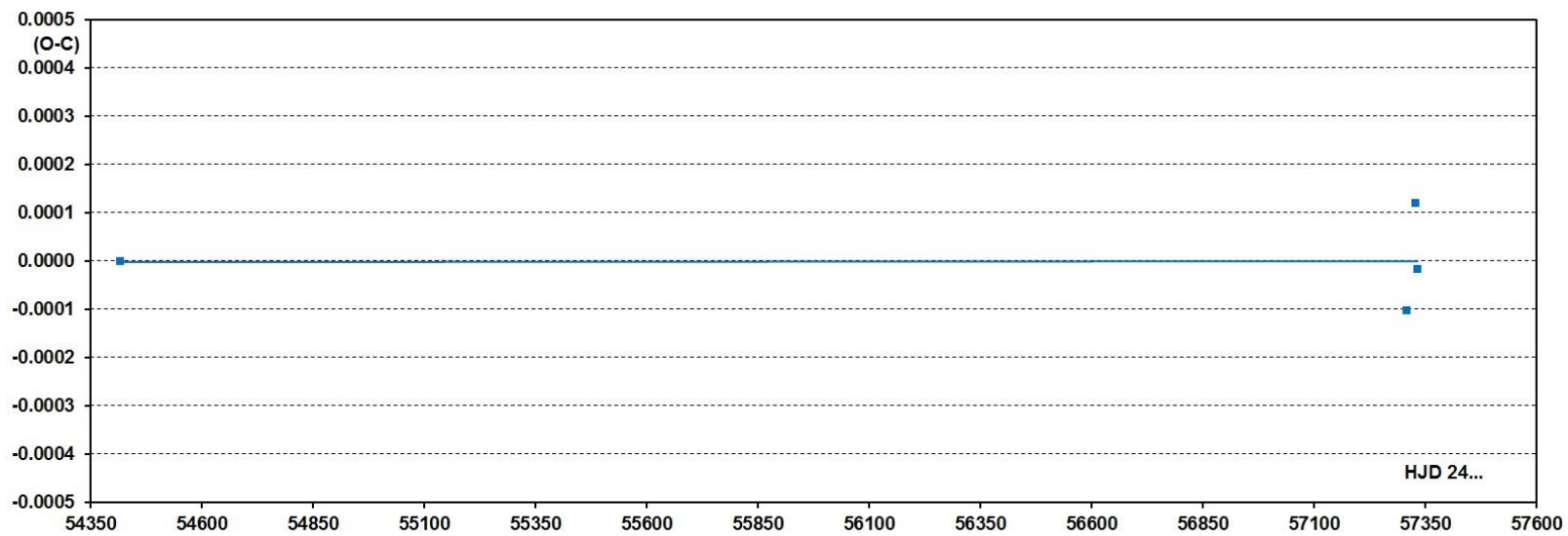
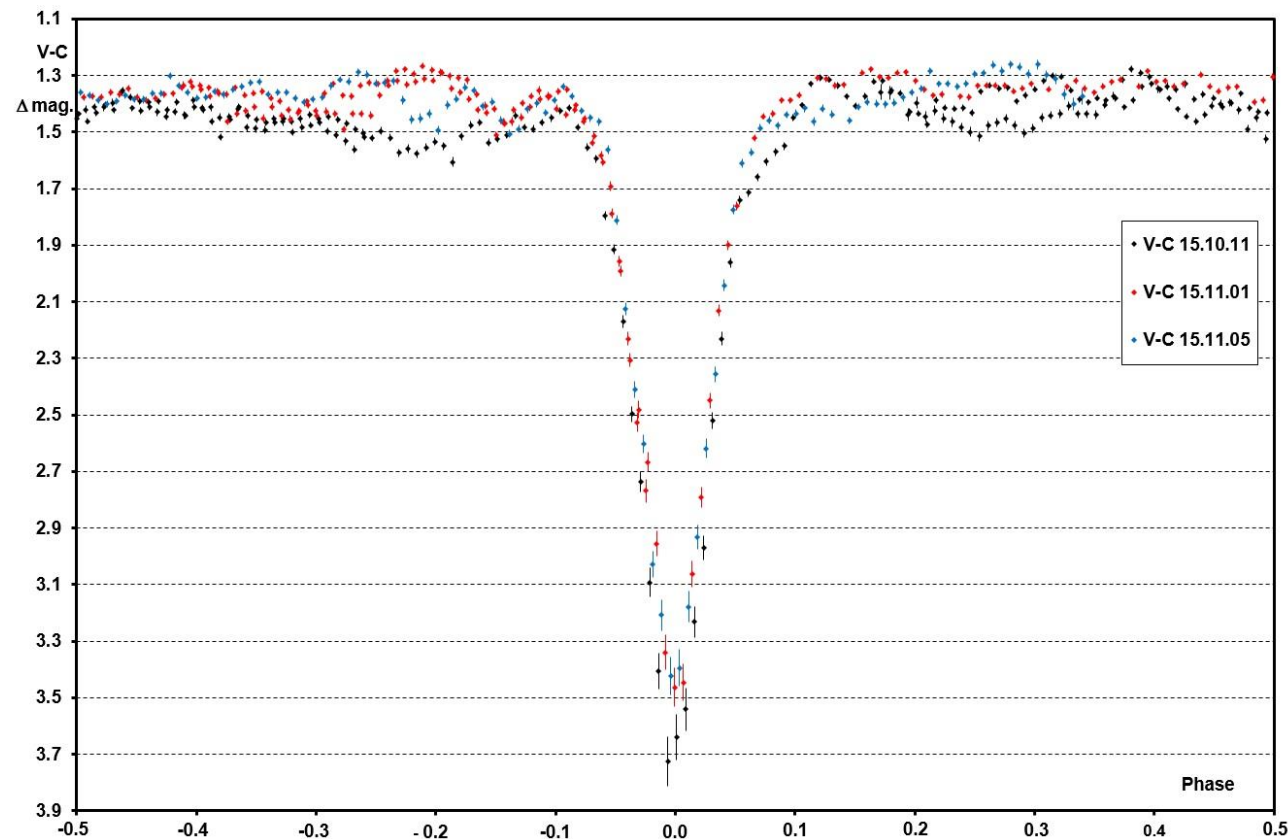
**Cep J2256...**

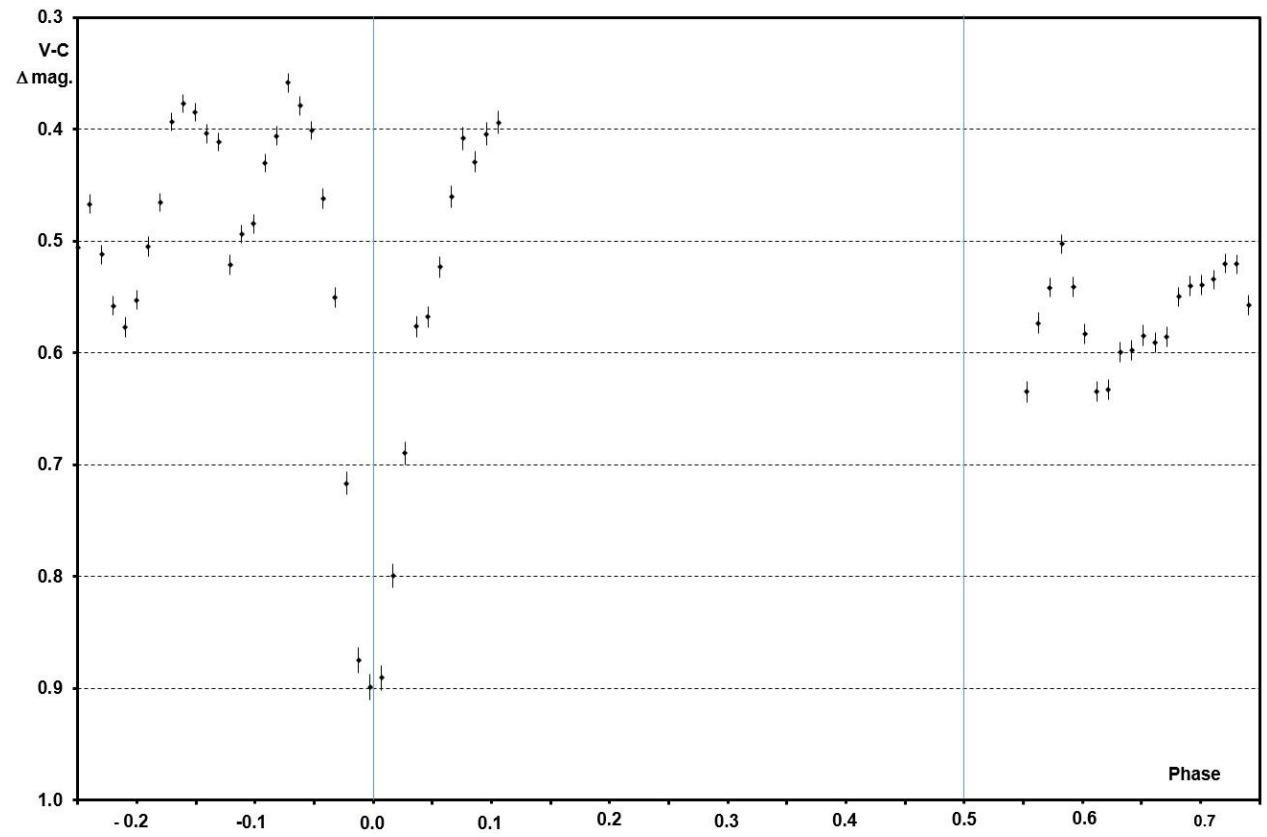
**P: 5.5 h**

**„The newly discovered  
SW sex star with  
the deepest eclipse „**

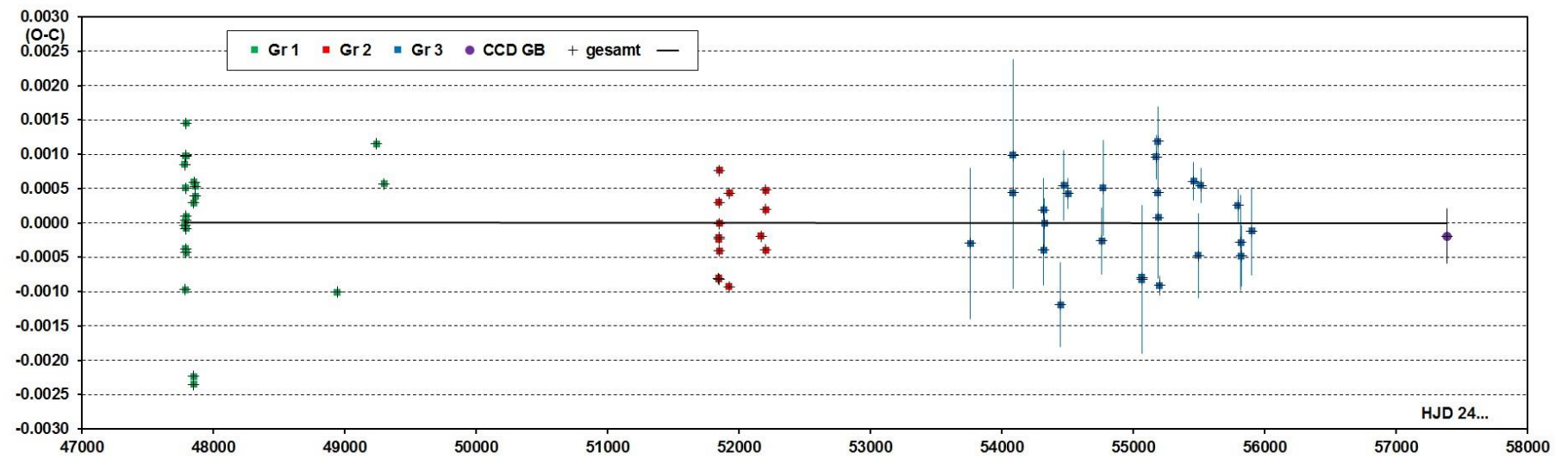
**(4,5 mag. B)**





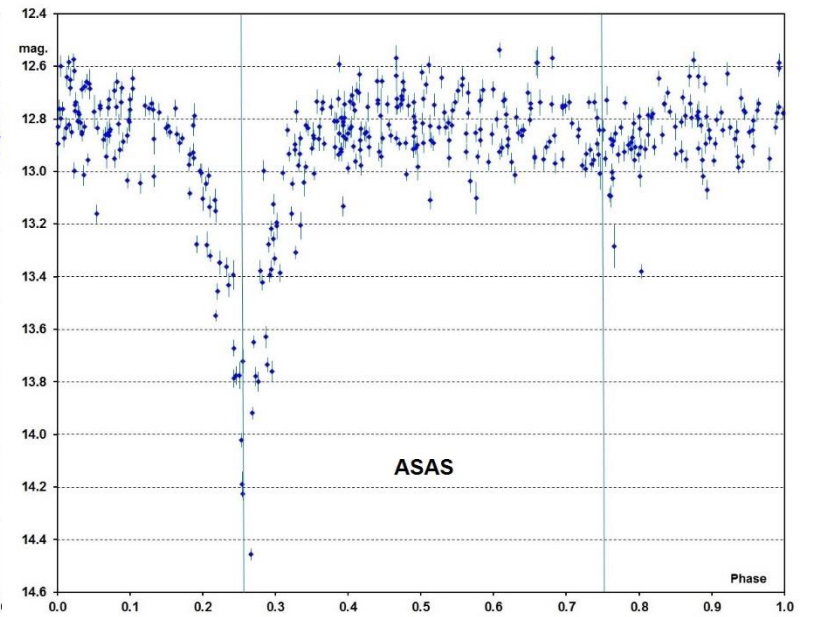
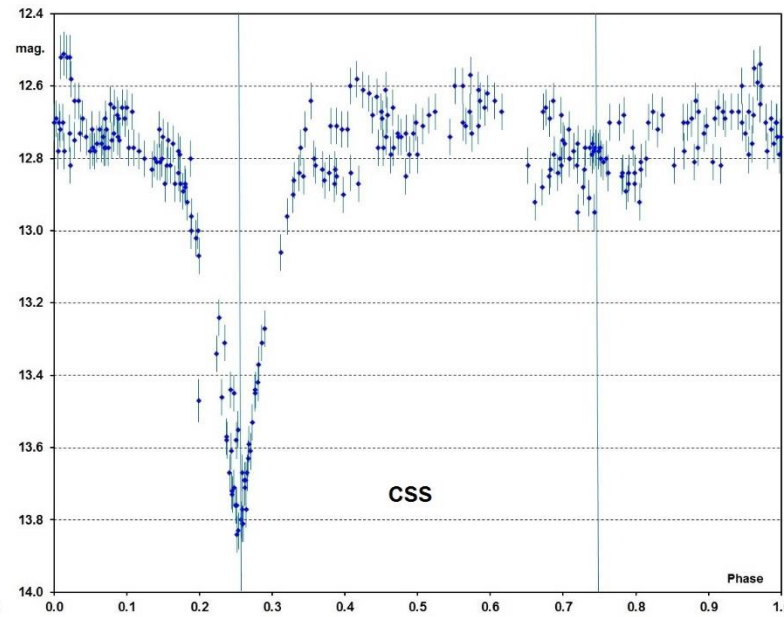
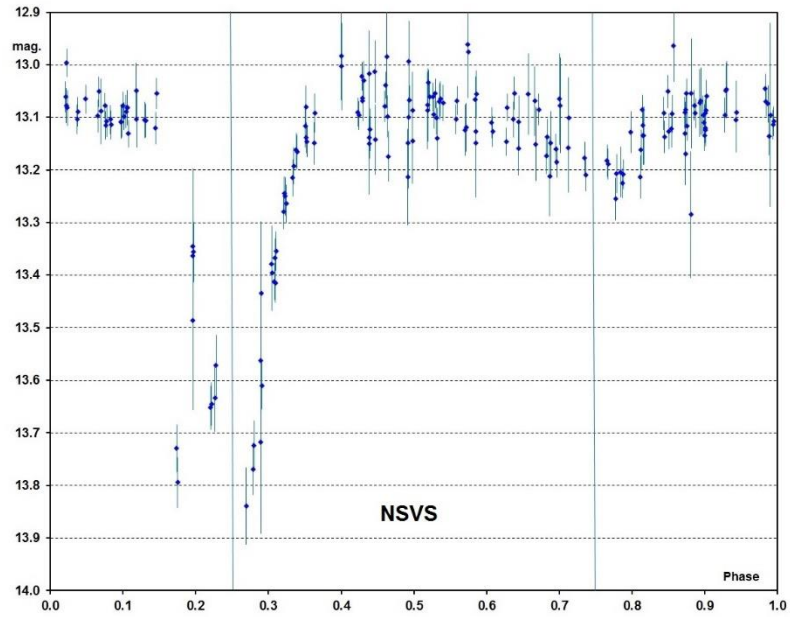


PX And  
P: 3,5 h





### Der „Neue“ im Feld: NSVS 12320303



P: 0.829... d ~ 20 h

