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**Table 8.** Orbital or *pseudo*-orbital (pulsational) elements for Mira S stars, SC stars and Tc-poor C stars. The most likely cause of the radial-velocity variations is given in column 2: 'orb' for orbital motion and 'puls' for intrinsic atmospheric phenomenon. No uncertainties are given for fixed parameters. The symbol $>$ is used for uncertainties exceeding the parameter values in case of badly constrained orbits. $N$ is the number of measurements used to derive the orbital solution and $O-C$ the residue around this solution. $\Delta T$ is the span of the observations

| HD/DM GCVS | Var | $P_{phot}$ [days] | $P_{orb}$ [days] | $T$ [HJD $-2400000$] | $e$ | $\gamma$ [ $\mathrm{km\,s^{-1}}$] | $\omega$ [deg] | $K$ [ $\mathrm{km\,s^{-1}}$] | $f(m)$ | N | $O-C$ [ $\mathrm{km\,s^{-1}}$] | $\Delta T$ [days] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 76221 | orb? | $\sim$ 195 | 491.4 | 48642.17 | 0.17 | $-5.96$ | 258.3 | 1.37 | 1.270e-02 | 15 | 0.664 | 2117 |
| X Cnc | | | – | 87.15 | $>$ | 0.20 | 65.1 | 0.28 | 7.748e-05 | | | |
| 110813 | orb | 225.9 | 592.9 | 49120.14 | 0.00 | 1.41 | 0.0 | 6.26 | 1.508e-02 | 13 | 1.126 | 2667 |
| S UMa | | | 61.8 | 98.27 | – | 3.33 | – | 4.25 | 3.036e-03 | | | |
| $-08°1900$ | orb? | $\sim$ 59 | 544.2 | 48590.38 | 0.55 | 72.257 | 216.8 | 3.24 | 1.119e-02 | 17 | 0.732 | 3619 |
| | | | 5.7 | 33.46 | – | 0.33 | 15.3 | 0.85 | 8.841e-04 | | | |
| 54300 | puls | 337.8 | 337.3 | 48693.12 | 0.39 | 44.03 | | 8.04 | | 16 | 1.836 | 3740 |
| R CMi | | | 1.3 | 10.20 | 0.08 | 0.62 | | 0.77 | | | | |
| 108105 | puls | $\sim$ 364 | 361.2 | 50199.59 | 0.28 | 4.06 | | 4.40 | | 16 | 1.429 | 1976 |
| SS Vir | | | 3.4 | 35.94 | 0.12 | 0.73 | | 0.48 | | | | |
| 209890 | puls | 438.7 | 437.3 | 48413.34 | 0.15 | $-32.28$ | | 8.96 | | 21 | 2.249 | 2932 |
| RZ Peg | | | 3.9 | 34.61 | 0.10 | 0.52 | | 0.82 | | | | |