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(1) Combined solution orbit using radial velocities from 1997AJ....114.1607M, K1 = 11.03 km/s, Gamma = -2.38 km/s.
(2) Combined solution orbit using radial velocities from 1997AJ....114.1607M, K1 = 8.66 km/s, Gamma = 10.36 km/s.
## NEW ORBITS (continuation)

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⁴ Combined orbit using radial velocities.
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(3) Combined solution orbit using radial velocities from 1982Obs...102..217G, $K_1 = 11.65$ km/s, $K_2 = 12.68$ km/s, $\Gamma = 50.19$ km/s, $M_1 = 0.978 \pm 0.176 M_\odot$, $M_2 = 0.898 \pm 0.162 M_\odot$, par = 46.95±8.51 mas.
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| 14243-3838          | 3.8986 | 0.222 | 45.3 | 65.2 | 2018.253 | 259.1 0.242 | et al. (**)
<p>| - HDS 2045 Aa,Ab   | 14.147 | 2008.595 | 0.428 | 168.2 | 185.4 0.145 | TOKOVININ  |
| 14295-3702          | 25.4468 | 0.117 | 128.3 | 125.7 | 2018.164 | 175.7 0.138 |
| - HDS 2060          | 76.943 | 2010.466 | 0.614 | 36.0 | 55.0 0.133 | TOKOVININ  |
| 14357-4537          | 4.6788 | 0.334 | 101.2 | 191.6 | 2018.164 | 51.3 0.165 |
| - TOK 406           | 7.786 | 2016.050 | 0.343 | 6.3 | 61.8 0.079 | TOKOVININ  |
| 14382+1402          | 46.2381 | 0.097 | 131.4 | 167.8 | 2018.164 | 31.7 0.112 |
| - WSI 81            | 5.458 | 2016.670 | 0.401 | 50.3 | 303.8 0.098 | TOKOVININ  |
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| - YSC 8             | 6.940 | 2016.879 | 0.374 | 149.2 | 326.8 0.102 | TOKOVININ  |
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| - HDS2146           | 31.224 | 2014.313 | 0.750 | 165.0 | 180.2 0.119 | TOKOVININ  |
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| - TOK 408 Ca,Cb     | 7.790 | 2016.751 | 0.038 | 108.5 | 276.1 0.055 | TOKOVININ  |
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| - CHR 259           | 71.094 | 1989.836 | 0.662 | 284.4 | 319.0 0.365 | TOKOVININ  |
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NEW ORBITS (continuation)
## NEW ORBITS (continuation)

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(**) DOCOBO, J. A.; GÓMEZ, J.; CAMPO, P. P.; ANDRADE, M.; HORCH, E. P.; COSTA, E. & MÉNDEZ, R. A.
NEW LINEAR FITS

Authors: SCARDIA, PRIEUR, PANSECHI, ARGYLE, LING, ARISTIDI, ZANUTTA, ABE, BENDJOYA, RIVET, SUAREZ & VERNET

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NEW DOUBLE STARS

Discovered by: Marco Scardia using the speckle camera PISCO attached to the Epsilon telescope of the Calern Observatory

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Discovered by: Luigi Pansecchi using the speckle camera PISCO attached to the Epsilon telescope of the Calern Observatory

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**NEW COMPANION TO EXOPLANET HOST STARS**
Reported by: Francisco Rica using GAIA-DR2

Astrometric data from GAIA-DR2

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NOTES

Others papers on double stars published in 2015 and 2017


**********************************************************************

The deadline for contributions to Information Circular No. 196 is:

October 15th 2018

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