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MINIMA TIMES FOR SELECTED CLOSE BINARY STARS

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Observatory and telescope:

50cm LOMO Cassegrain N 274 500 f/10 telescope, University of Göttingen, Physics building ($51^\circ\,33'\,38\farcs5$ N, $09^\circ\,56'\,41\farcs3$ E, elevation 201 m)

Detector:	SBIG STL-6303E, KAF-6303E chip, Peltier cooling, $18\farcm9 \times 12\farcm6$ FOV, 3072 × 2048 pixels.

Method of data reduction:

Reduction of the CCD frames was made with the custom-made IDL[1] aperture photometry package TRIPP (Schuh et al. 2003).

Method of minimum determination:

The minima times were determined with a linear combination of a Gaussian and a quadratic function.

Times of minima:

Star name	Time of min. HJD 2400000+	Error	Type	Filter	Rem.
PX And	53752.3519	0.0018	I	V	RDD; TMA
	53759.3799	0.0011	I	V	DJ; WS
	54085.3082	0.0014	I	R	AR; GS; HT; WA
	54085.4551	0.0014	I	R	AR; GS; HT; WA
EX Dra	53863.5422	0.0023	I	R	BB; BP
	53896.5007	0.0014	I	R	HI; KR
	53899.4405	0.0013	I	R	BrS; DT; TI
HS 0705+67	54126.4097	0.0011	I	R	BC; BeS; KN; KT; TI
	54126.4580	0.0011	II	R	BC; BeS; KN; KT; TI
	54126.5049	0.0011	I	R	BC; BeS; KN; KT; TI
	54126.5533	0.0011	II	R	BC; BeS; KN; KT; TI
	54126.6007	0.0024	I	R	BC; BeS; KN; KT; TI
AI Tri	54049.4686	0.0011	unknown	clear	TI; WS

[1]Interactive Data Language by `http://www.ittvis.com`

Explanation of the remarks in the table:

Observers:
AR = Anderson, R.; BB = Beeck, B.; BC = Bergmann, C.; BP = Bittihn, P.; BeS = Becker, S.; BrS = Brandert, S.; DD = Dauber, D.; DJ = Dobschinski J.; DT = Dabrowski T.; GS = Grünheit, S.; HI = Heinze, I.; HT = Hattermann, T.; KN = Kurz, N.; KR = Kruspe, R.; KT = Kresse, T.; NN = Nolte, N.; RDD = Röhrs, D.D.; TI = Traulsen, I.; TMA = Tyra, M.A.; WA = Wiesbaum, A.; WS = Wende, S.
All observations (except for the AI Tri observation) were taken during the "Physikalisches Praktikum für Fortgeschrittene" under the supervision of S. Schuh.

Remarks:

Exposure times were either 3 or 4 minutes. The time stamp uncertainty in the images was determined to be never any larger than 15 s. Typical photometric accuracies obtained were around 0.03 mag.

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Reference:

Schuh, S., Dreizler, S, Deetjen, J.L., Göhler, E., 2003, *Baltic Astronomy*, **12**, 167