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CCD TIMES OF MINIMA OF ECLIPSING BINARIES

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Abstract

We present 7 times of minima of 3 eclipsing binaries.

Observatory and telescope:	
T1: 60cm Cassegrain telescope (f/12.5) at the Nicolaus Copernicus University Observatory (53.0943 °N, 18.5532 °E).	

Detector:	STL-1001E CCD camera, Peltier cooling, KAF-1001E chip, 11.4' × 11.4' 1024 × 1024 pixels.
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Method of data reduction:	
Differential photometry with the software AstroimageJ.	

Method of minimum determination:	
Marquardt-Levenberg	

Times of maxima of eclipsing binaries:						
Star name	Time of min. HJD	Error	Type	Filter	$O - C$ [day]	Eph. ref.
SZ Her	2457100.540359	0.000259	I	clear	-0.0005	1
XY Leo	2457070.470608	0.000178	I	<i>R</i>	0.0168	1
	2457099.450280	0.000193	I	clear	0.0179	1
HW Vir	2457100.440553	0.000830	II	clear	0.0139	1
	2457070.558122	0.000194	I	clear	-0.0005	1
	2457100.496769	0.000159	II	clear	-0.0001	1
	2457099.504577	0.000119	I	clear	-0.0005	1

Acknowledgements:	
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References:

$O - C$ gateway, an on-line database of all known eclipsing binaries
(<http://var.astro.cz/ocgate>).

Kreiner, J.M., 2004, *Acta Astronomica*, **54**, 207