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Konkoly Observatory
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V 450 Lyr

V 450 Lyr = GR 250 was discovered by Romano (I.B.V.S. No.645, 1972).

The discoverer classified the star to RR Lyrae type.

I examined the star on 97 sky patrol plates of Sonneberg Observatory (JD 243837C - 41984) and confirmed the RR Lyrae type. 12 maxima were obtained and the following elements:

Max. hel. = JD 2438370.285 + 0^d5046104·E

RRab; M-m = 0^p15

Observed maxima

JD 24...	E	O-C	JD 24...	E	O-C
38370.287	0	-0.018	38937.503	1124	+0.036
558.506	373	+ .002	940.505	1130	+ .010
559.503	375	- .011	941.506	1132	+ .002
613.516	482	+ .009	39702.441	2640	- .015
652.349	559	- .013	704.481	2644	+ .006
695.247	644	- .007	41984.305	7162	.000

DL Sge

DL Sge = BD +18^o3960 (9,5) = Wr 111 was discovered by Weber (I.B.V.S. No.6, 1962). The discoverer classified the star as an eclipsing binary with the following preliminary elements:

Min. hel. = JD 2437099.465+0^d8573·E (11^m9-12^m8)

On 501 sky patrol plates of Sonneberg Observatory I examined the light variations (JD 2426089 - 42009) and obtained the improved elements:

Min. hel. = JD 2426089.553+0^d8572706·E

EA; 11^m40-12^m22/11^m5pg; D=0^p22

64 observed minima and further particulars will be published in "Mitteilungen der Bruno-H.-Bürgel Sternwarte Hartha, Heft 8".

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