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HD 197753: A NEW RED VARIABLE?

During the course of photoelectric photometry of U Del it was discovered that HD 197753 (RA<sub>1970</sub> = 20<sup>h</sup>43<sup>m</sup>45<sup>s</sup>, D<sub>1970</sub> = +18°8'), used as comparison star, was variable. The light- and colour-curves have been constructed, using BD +17°4365 (RA<sub>1970</sub> = 20<sup>h</sup>35<sup>m</sup>15<sup>s</sup>, D<sub>1970</sub> = +18°7') as comparison star (V=8.12, B-V= +1.16, U-B= +1.15). The range of the light variation is about 0<sup>m</sup>.15. HD 197753 is possibly an SR<sub>b</sub> type variable.

JD	$\Delta V$	$\Delta(B-V)$	JD	$\Delta V$	$\Delta(B-V)$
2440 769.525	-.375	.612	2440 828.391	-.277	.579
773.445	-.417	.615	829.337	-.293	.589
777.530	-.402	.609	830.320	-.291	.602
788.420	-.286	.600	836.324	-.349	.631
792.384	-.265	.589	846.314	-.296	.616
795.397	-.299	.602	849.308	-.299	.596
812.358	-.424	.596	851.284	-.289	.599
813.334	-.371	.596	853.289	-.300	.638
815.311	-.398	.590	860.298	-.375	.607
818.326	-.400	.592	864.303	-.339	.626
822.334	-.362	.603	865.305	-.363	.618
823.307	-.336	.599	874.290	-.320	.587

