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BD +37° 443 : A NEW RED VARIABLE STAR

BD +37°443 was used as comparison star in the observations of the O-sub-dwarf BD +37°442 by Bartolini et al. (1982), who accidentally interchanged the identification of the two stars (Rebeiro, 1982).

In 1977 BD +37°443 was much fainter than BD +37°442 and BD +37°446, while according to the BD catalogue and for BD +37 442 also from the AGK2 catalogue it was listed as being brighter.

On January 6, 1983 BD +37°443 was observed photoelectrically with the 152 cm telescope of Bologna Observatory equipped with a five colour photometer described by Lolli (1983) and resulted as bright as in the BD map.

The following differences of magnitude between BD +37°443 and BD +37°442 (that according to Landolt (1973) and Bartolini et al. (1982) presents variations not larger than 0.08<sup>m</sup>) have been obtained so far:

JD-2440000	$\Delta V$	$\Delta B$	Telescope
3454.42	0.58	1.81	60 cm
3458.48	0.63	1.77	60 cm
3483.41	0.58	1.79	60 cm
3495.37	0.55	1.76	60 cm
5341.40	-0.29	1.10	152 cm

The spectral type K O III published by Rebeiro (1970) suggests that BD +37°443 could be a long period or a semiregular variable star.

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