

## Near IR (J H K) Observations of Selected Carbon Stars

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Infrared observations have great importance for the CH and Ba stars. Observations of selected carbon stars (HD 188650, HD 214714, HD 148897) were obtained with a small transportable IR photometer (see Kuz'kov 1989, *Kinem. Phys. Celestial Bodies*, v. 5, n. 2; First Eurasian Symposium on Space Science and Technology, Gebze, Turkey, 1993).

Observations were performed at the telescopes of Maidanak Observatory and Terscol Peak Observatory (Caucasus, altitude 3100 m) in collaboration with Ya. Shleivite of Lithuania.

The IR observations of HD 188650 indicate that this star has an IR excess and is a carbon CH star. On the diagram  $J-H$ ,  $H-K$  it was found that CH carbon stars are separated from other stars. Multicolor optical and IR photometry can be used to distinguish this type of carbon star from other stars.