

# OBSERVATION OF DS STARS WITH THE MERIDIAN CIRCLE IN BELGRADE

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**Abstract.** The DS-Programme stars were observed between 1981 and 1987 with the Meridian Circle of the Belgrade Observatory. The programme contained double stars whose components could be separated by visual observation only.

In the late seventies and early eighties at many observatories over the world new or modernized meridian circles were already in use. Our Meridian Circle, as a classical instrument, was found suitable for carrying out the DS Programme which at that time was of interest. Due to the fact that our geographic latitude is lower than that of many observatories of the USSR (then existing), Prof. M. S. Zverev insisted on Belgrade Observatory taking part in this international programme.

Through the meridian observations of *DS*-Programme stars and compiling the catalogues of their positions the Belgrade Observatory made an important contribution to the astronomical science.