The comparative accuracy of photographic observations of radio stars observed at the Engelhardt Astronomical Observatory

Rizvanov N., Dautov I., Shaimukhametov R. Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

Abstract

At the Engelhardt Astronomical Observatory (EAO), we observed photographic positions of 113 Galactic Radio Sources (GRS) in the system PPM catalogue (Rizvanov & Dautov 1998). Analysis of their accuracy is made by comparison with the Hipparcos catalogue (Perryman et al. 1997) and astrometric catalogue of radio stars in the radio window from the article of Walter et al. (1991).

Keywords

Astrometry, Radio continuum: stars