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ABSTRACT BOOK



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Results of the Joint Project on Linking Optical-Radio Reference Frames

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Results of international cooperation between observatories from China, Russia, Turkey and Ukraine on refinement of linking optical and radio reference frames are discussed. About 300 fields around extragalactic radio sources in the selected fields of extragalactic radio sources from -40 to $+70$ degrees in declination were observed with CCD ground-based telescopes. Catalog of optical positions of more than 200 ERS with average accuracy 30 mas in the ICRF by using of secondary reference stars from UCAC2 and USNOB1.0 was received as the results of this cooperation. The intermediate internal estimation of link between optical and radio reference frames was shown the angle values near zero within an accuracy of about six mas by using of secondary reference stars from UCAC2. A comparison of presented results with those of other investigations was made.