

ASTROMETRIC TECHNIQUES

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These proceedings contain the papers delivered at the Symposium on Astrometric Techniques. Over a dozen of these being invited review papers by internationally known experts. The sections are: I. Reduction Technique, with papers ranging from occultation reduction technique to a detailed paper on the astrometric consequences of the general theory of relativity; II. Radio Astrometry, where the papers deal mostly with the various techniques used for obtaining and reducing radio observations for positional purposes, as well as the tie-in to the optical reference frame. The section on Photographic Astrometry deals with parallaxes, proper motions, proper motion survey and unconventional photographic-astrometric techniques. Interferometry is covered in Section IV with papers on optical, infrared, and radio interferometry as well as the successful techniques of speckle interferometry. The Section V on small-field photoelectric astrometry deals with electronic light detection devices in the focal planes of transit instruments of other telescopes; conventional and non-conventional transit circle and other transit type instruments (astrolabes) were covered in Section VI. Section VII contains several papers on HIPPARCOS and the Space Telescope, while Section VIII concentrates on the requirements and methods for observing particular kinds of objects. Section IX, Administration and distribution, deals with the archiving and cataloguing of data collections and finally, Section X deals with the reconciliation of like data which were established by different techniques. The authors of the contributions have cooperated fully with the request by the organizers to refrain from mere progress narratives but to contribute only original material.

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