

**VLBI AND COMPACT RADIO SOURCES**

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Very long baseline interferometry (VLBI) observations have improved dramatically since the first observation was made 15 years ago. High quality radio maps, with angular resolutions up to 1000 times better than in any other wavelength region, are now providing an unparalleled opportunity for the detailed study of many astrophysical phenomena. This book is dedicated to the discussion of galactic and extragalactic sources in the light of the most recent VLBI observations. It includes such diverse topics as quasars and galactic nuclei, pulsars, stellar binary systems, interstellar masers and astrometry. Particular attention is given to the observation and interpretation of apparent superluminal motion in quasars and galactic nuclei. Geodetic applications of VLBI and technical developments are treated only briefly since they have been the subject of other recent international meetings.

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