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This volume provides up-to-date information on the state of the art and future plans within the field of wide-angle telescopes. Through 70 contributed papers, dealing mainly with new results, and 24 review lectures by outstanding scientists, the following topics are amply discussed: photographic and objective-prism surveys; photographic and data acquisition techniques and reduction methods (hardware and software); astrometry from ground and space; Solar System astronomy with emphasis on comets; Galactic astronomy (galactic structure, spectral classification, variable stars, nebulae, interstellar matter, supernovae); extragalactic astronomy (normal and active galaxies, peculiar morphologies, QSO's and clusters/superclusters); star and galaxy counts (techniques and results); observational cosmology, ground- and space-based future developments of Schmidt astronomy (new surveys, all reflective wide-field telescopes, detectors and interaction with the Space Telescope).

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