

HIGHLIGHTS OF ASTRONOMY

VOLUME 8

Edited by

D. McNALLY

This volume contains the texts of the three Invited Discourses – ‘Halley’s Comet’ (R.M. West, V.I. Moroz), the ‘Rise and Fall of Quasars’ (M. Schmidt) and ‘Galaxy Formation and Dark Matter’ (M. Rees); the proceedings of seven one-day Joint Discussions on topics of immediate astronomical interest – ‘Documentation, Data Services and Astronomers’, ‘Formation and Evolution of Stars in Binary Systems’, ‘Supernova 1987A in the Large Magellanic Cloud’, ‘The Cosmic Dust Connection in Interplanetary Space’, ‘Atomic and Molecular Data for Astrochemistry’, ‘Disks and Jets on Various Scales in the Universe’, the ‘Hubble Space Telescope – Status and Perspectives’; the proceedings of six Joint Commission Meetings – ‘For Milliarsecond or Better Accuracy’, ‘Solar and Stellar Coronae’, ‘High Angular Resolution Imaging from the Ground’, ‘Molecules in External Galaxies’, ‘Stellar Photometry with Modern Array Detectors’, ‘Systematic Observations of the Sun’, five additional contributions, two on SN1987A and three on the cosmic background radiation and nucleosynthesis are also included.

Highlights of Astronomy brings together about 145 of the most important and interesting talks that were delivered during the XXth IAU General Assembly held in Baltimore (August 2–11, 1988); in essence, the volume is a wide ranging review of highly active research fields in current astronomy.

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