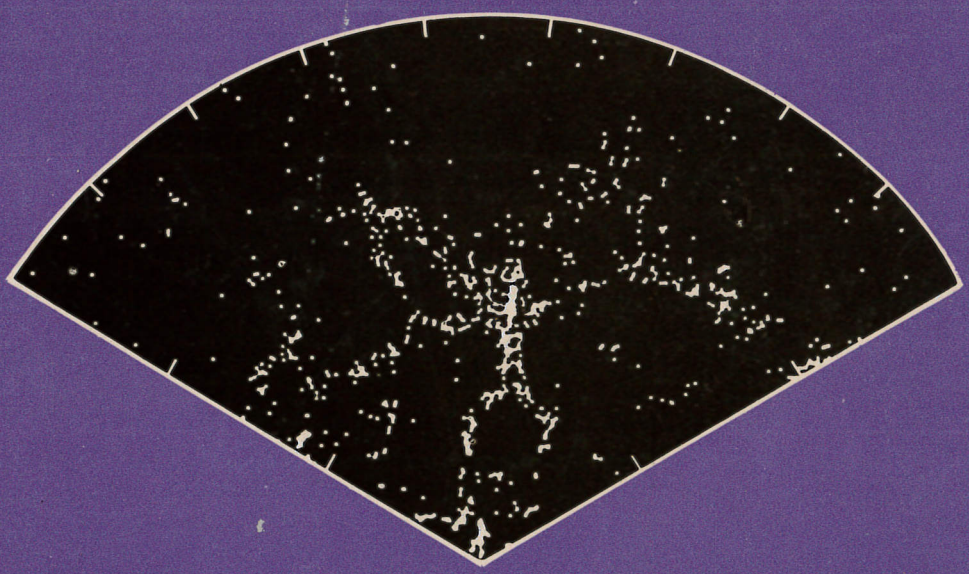
ADVANCES IN GRAVITATION AND COSMOLOGY



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CONTENTS

COSMOLOGY

ADVANCES IN GRAVITATION AND COSMOLOGY

B.R. Iyer, A.R. Prasanna, R.K. Varma and C.V. Vishveshwara

This book assesses research in Gravitation and Cosmology by examining the subject from various viewpoints. There are twenty articles by experts in their respective disciplines, each defines the state of art and contains a concise summary of our present understanding of a facet of gravitational physics. These edited papers are based on plenary talks and workshop summaries given at the Second International Conference on Gravitation and Cosmology held in Ahmedabad in December 1991. The academic programme of these series of conferences has been very carefully planned so that both technical advances and a broad critical perspective of each field is discussed in depth.

The conference focussed on three major areas namely Quantum Gravity, Gravitational Radiation and Cosmology in which research has made significant progress since ICGC-87. In some of these fields a critical appraisal was made of future prospects and unsolved issues. Advances in these areas have become so accelerated that they require constant dissemination and assessment.

For research workers and students of gravitation and cosmology this volume provides a broad and critical view of current problems and future prospects.

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