



CONTENTS

CLUSTERING OF ASTRONOMERS, <i>W. H. McCrea</i>	1
STAR FORMATION IN MOLECULAR CLOUDS: OBSERVATION AND THEORY, <i>Frank H. Shu, Fred C. Adams, and Susana Lizano</i>	23
ELEMENTS AND PATTERNS IN THE SOLAR MAGNETIC FIELD, <i>Cornelis Zwaan</i>	83
WOLF-RAYET STARS, <i>David C. Abbott and Peter S. Conti</i>	113
THE ART OF <i>N</i> -BODY BUILDING, <i>J. A. Sellwood</i>	151
THE IRAS VIEW OF THE EXTRAGALACTIC SKY, <i>B. T. Soifer, J. R. Houck, and G. Neugebauer</i>	187
COMETS AND THEIR COMPOSITION, <i>Hyron Spinrad</i>	231
ROTATION AND MAGNETIC ACTIVITY IN MAIN-SEQUENCE STARS, <i>Lee W. Hartmann and Robert W. Noyes</i>	271
THE LOCAL INTERSTELLAR MEDIUM, <i>Donald P. Cox and Ronald J. Reynolds</i>	303
CEPHEIDS AS DISTANCE INDICATORS, <i>M. W. Feast and A. R. Walker</i>	345
PHYSICAL CONDITIONS, DYNAMICS, AND MASS DISTRIBUTION IN THE CENTER OF THE GALAXY, <i>R. Genzel and C. H. Townes</i>	377
EXISTENCE AND NATURE OF DARK MATTER IN THE UNIVERSE, <i>Virginia Trimble</i>	425
VERY LOW MASS STARS, <i>James Liebert and Ronald G. Probst</i>	473
THE IRAS VIEW OF THE GALAXY AND THE SOLAR SYSTEM, <i>C. A. Beichman</i>	521
DYNAMICAL EVOLUTION OF GLOBULAR CLUSTERS, <i>Rebecca Elson, Piet Hut, and Shogo Inagaki</i>	565
THE GALACTIC SPHEROID AND OLD DISK, <i>K. C. Freeman</i>	603
VARIATIONS OF SOLAR IRRADIANCE DUE TO MAGNETIC ACTIVITY, <i>G. A. Chapman</i>	633
INDEXES	
Subject Index	669
Cumulative Index of Contributing Authors, Volumes 15–25	677
Cumulative Index of Chapter Titles, Volumes 15–25	679