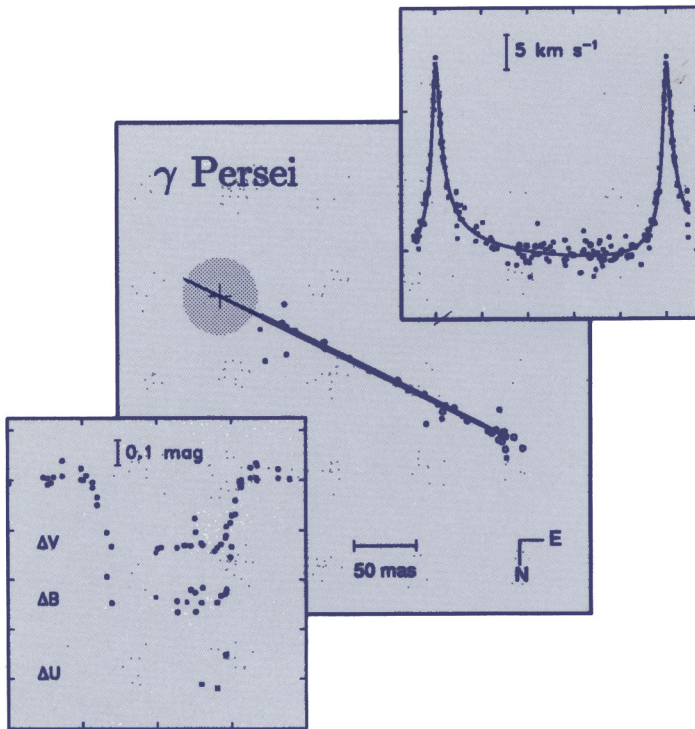




**COMPLEMENTARY APPROACHES TO DOUBLE  
AND MULTIPLE STAR RESEARCH  
IAU Colloquium 135**



**Edited by  
Harold A. McAlister and William I. Hartkopf**

**COMPLEMENTARY APPROACHES TO DOUBLE  
AND MULTIPLE STAR RESEARCH  
IAU Colloquium 135**

**A SERIES OF BOOKS ON RECENT DEVELOPMENTS IN  
ASTRONOMY AND ASTROPHYSICS**

---

---

© Copyright 1992 Astronomical Society of the Pacific  
390 Ashton Avenue, San Francisco, California 94112

All rights reserved

Printed by BookCrafters, Inc.

First published 1992

Library of Congress Catalog Card Number: 92-74318  
ISBN 0-937707-51-1

D. Harold McNamara, Managing Editor of Conference Series  
408 ESC Brigham Young University  
Provo, UT 84602  
801-378-2298

# A SERIES OF BOOKS ON RECENT DEVELOPMENTS IN ASTRONOMY AND ASTROPHYSICS

---

- Vol. 1-Progress and Opportunities in Southern Hemisphere Optical Astronomy: The CTIO 25th Anniversary Symposium  
ed. V. M. Blanco and M. M. Phillips ISBN 0-937707-18-X
- Vol. 2-Proceedings of a Workshop on Optical Surveys for Quasars  
ed. P. S. Osmer, A. C. Porter, R. F. Green, and C. B. Foltz ISBN 0-937707-19-8
- Vol. 3-Fiber Optics in Astronomy  
ed. S. C. Barden ISBN 0-937707-20-1
- Vol. 4-The Extragalactic Distance Scale: Proceedings of the ASP 100th Anniversary Symposium  
ed. S. van den Bergh and C. J. Pritchet ISBN 0-937707-21-X
- Vol. 5-The Minnesota Lectures on Clusters of Galaxies and Large-Scale Structure  
ed. J. M. Dickey ISBN 0-937707-22-8
- Vol. 6-Synthesis Imaging in Radio Astronomy: A Collection of Lectures from the Third NRAO Synthesis Imaging Summer School  
ed. R. A. Perley, F. R. Schwab, and A. H. Bridle ISBN 0-937707-23-6
- Vol. 7-Properties of Hot Luminous Stars: Boulder-Munich Workshop  
ed. C. D. Garmany ISBN 0-937707-24-4
- Vol. 8-CCDs in Astronomy  
ed. George H. Jacoby ISBN 0-937707-25-2
- Vol. 9-Cool Stars, Stellar Systems, and the Sun. Sixth Cambridge Workshop  
ed. G. Wallerstein ISBN 0-937707-27-9
- Vol. 10-The Evolution of the Universe of Galaxies. The Edwin Hubble Centennial Symposium  
ed. Richard G. Kron ISBN 0-937707-28-7
- Vol. 11-Confrontation Between Stellar Pulsation and Evolution  
ed. C. Cacciari and G. Clementini ISBN 0-937707-30-9
- Vol. 12-The Evolution of the Interstellar Medium  
ed. L. Blitz ISBN 0-937707-31-7
- Vol. 13-The Formation and Evolution of Star Clusters  
ed. K. Janes ISBN 0-937707-32-5
- Vol. 14-Astrophysics with Infrared Arrays  
ed. R. Elston ISBN 0-937707-33-3
- Vol. 15-Large-Scale Structures and Peculiar Motions in the Universe  
ed. D. W. Latham and L. A. N. da Costa ISBN 0-937707-34-1
- Vol. 16-Atoms, Ions and Molecules: New Results in Spectral Line Astrophysics  
ed. A. D. Haschick and P. T. P. Ho ISBN 0-937707-35-X

- Vol. 17-Light Pollution, Radio Interference, and Space Debris  
ed. D. L. Crawford ISBN 0-937707-36-8
- Vol. 18-The Interpretation of Modern Synthesis Observations of Spiral Galaxies  
ed. M. Duric and P. C. Crane ISBN 0-937707-37-6
- Vol. 19-Radio Interferometry: Theory, Techniques, and Applications, IAU Colloquium 131  
ed. T. J. Cornwell and R. A. Perley ISBN 0-937707-38-4
- Vol. 20-Frontiers of Stellar Evolution, celebrating the 50th Anniversary of McDonald Observatory  
ed. D. L. Lambert ISBN 0-937707-39-2
- Vol. 21-The Space Distribution of Quasars  
ed. D. Crampton ISBN 0-937707-40-6
- Vol. 22-Nonisotropic and Variable Outflows from Stars  
ed. L. Drissen, C. Leitherer, and A. Nota ISBN 0-937707-41-4
- Vol. 23-Astronomical CCD Observing and Reduction Techniques  
ed. S. B. Howell ISBN 0-937707-42-4
- Vol. 24-Cosmology and Large-Scale Structure in the Universe  
ed. R. R. de Carvalho ISBN 0-937707-43-0
- Vol. 25-Astronomical Data Analysis Software and Systems I  
ed. D. M. Worrall, C. Biemesderfer, and J. Barnes ISBN 0-937707-44-9
- Vol. 26-Cool Stars, Stellar Systems, and the Sun, Seventh Cambridge Workshop  
ed. M. S. Giampapa and J. A. Bookbinder ISBN 0-937707-45-7
- Vol. 27-The Solar Cycle  
ed. K. L. Harvey ISBN 0-937707-46-5
- Vol. 28-Automated Telescopes for Photometry and Imaging  
ed. S. J. Adelman, R. J. Dukes, Jr., and C. J. Adelman ISBN 0-937707-47-3
- Vol. 29-Workshop on Cataclysmic Variable Stars  
ed. N. Vogt ISBN 0-937707-48-1
- Vol. 30-Variable Stars and Galaxies, in honor of M. S. Feast on his retirement  
ed. B. Warner ISBN 0-937707-49-X
- Vol. 31-Relationships Between Active Galactic Nuclei and Starburst Galaxies  
ed. A. Filippenko ISBN 0-937707-50-3

Inquiries concerning these volumes should be directed to the:  
Astronomical Society of the Pacific  
CONFERENCE SERIES  
390 Ashton Avenue  
San Francisco, CA 94112-1722  
415-337-1100

ASTRONOMICAL SOCIETY OF THE PACIFIC  
CONFERENCE SERIES



**Volume 32**

**COMPLEMENTARY APPROACHES TO DOUBLE  
AND MULTIPLE STAR RESEARCH  
IAU Colloquium 135**

**Meeting held at Pine Mountain, Georgia  
5-10 April 1992**

**Edited by  
Harold A. McAlister and William I. Hartkopf**