

THE MOON

With Coloured Skeleton Maps of Front and Far Side of the Moon, Scale 1:6000000

by ZDENĚK KOPAL

1969, XVI + 525 pp., Dfl. 95,-

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PARTICLES AND FIELDS IN THE MAGNETOSPHERE

Proceedings of a Symposium Organized by the Summer Advanced Study Institute, held at the University of California, Santa Barbara, Calif., August 4–15, 1969.

edited by B. M. McCormac
Astrophysics and Space Science Library Volume 17
1970, XI+45 pp., Dfl. 85,—

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INTERCORRELATED SATELLITE OBSERVATIONS RELATED TO SOLAR EVENTS

Proceedings of the Third ESLAB/ESRIN Symposium held in Noordwijk, The Netherlands, September 16–19, 1969

edited by V. Manno and D. E. Page
Astrophysics and Space Science Library 19
1970, XVI + 619 pp., Dfl. 115,—

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*Proceedings of a Nato Advanced Study Institute held in Athens,
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Astrophysics and Space Science Library Volume 22

1971, VII + 312 pp., Dfl. 70,—

This book gives a comprehensive summary of our knowledge concerning the structure and evolution of the Milky Way system. New facts like the observational evidence concerning the explosive events in the nuclei of the galaxies and the distribution of the X-Ray sources in the Milky Way, the recent theoretical work concerning neutrino stars as presented in it.

The study of the structure and evolution of the Milky Way is one of the most attractive problems of modern astronomy. Therefore, very rapid progress has been made in this field during the last years. The discovery and subsequent study of the spiral structure of the Galaxy, both with optical and radioastronomical methods, has opened wide new possibilities in the study of the structure of our stellar system. Similarly, the development of the theory of stellar evolution has made possible a more thorough study of the distribution of the stars of different ages in this system. Finally the recent discovery of explosive events in the nuclei of the extragalactic nebulae allows a much better understanding of some aspects of the evolution of the Milky Way system. The book contains the lectures given by seventeen distinguished specialists in the field during the Advanced Study Institute Conference on the *Structure and Evolution of the Galaxy*, held under the auspices of the Science Committee, North Atlantic Treaty Organization in Lagonissi, Greece, between September 8–19, 1969. A wide variety of subjects were covered by these lectures.

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