DESCRIPTION

*Introduction to Astronomy & Cosmology* is a modern undergraduate textbook, combining both the theory behind astronomy with the very latest developments. Written for science students, this book takes a carefully developed scientific approach to this dynamic subject. Every major concept is accompanied by a worked example with end of chapter problems to improve understanding

- Includes coverage of the very latest developments such as double pulsars and the dark galaxy.
- Beautifully illustrated in full colour throughout
- Supplementary web site with many additional full colour images, content, and latest developments.

ABOUT THE AUTHOR

*Ian Morison* began his love of astronomy when, at the age of 12, he made a telescope out of lenses given to him by his optician. He went on to study Physics, Mathematics and Astronomy at Oxford and in 1970 was appointed to the staff of the University of Manchester where he now teaches astronomy, computing and electronics.

He is a past president of the Society for Popular Astronomy, one of the UK's largest astronomical societies. He remains on the society's council and holds the post of instrument advisor helping members with their choice and use of Telescopes.
He lectures widely on astronomy, has co-authored for books for amateur astronomers and writes regularly for the two UK astronomy magazines. He also writes a monthly sky guide for the Jodrell Bank Observatory's web site and produces an audio version as part of the Jodrell Bank Podcast. He has contributed to many television programmes and is a regular astronomy commentator on local and national radio. Another activity he greatly enjoys is to take amateur astronomers on observing trips such as those to Lapland to see the Aurora Borealis and on expeditions to Turkey and China to observe total eclipses of the Sun.

In 2003 the Minor Planets Committee of the International Astronomical Union named asteroid 15,727 in his honour, citing his work with MERLIN, the world's largest linked array of radio telescopes, and that in searching for intelligent life beyond our Solar System in Project Phoenix. In 2007 he was appointed to the post of Gresham Professor of Astronomy. Dating from 1597, this is the oldest astronomy professorship in the world and was once held by Christopher Wren.

FEATURES

• End of chapter problems with a full set of hints for their solutions provided at the end of the book.

• An accessible and carefully structured introduction, not too mathematically demanding, to this dynamic subject.

• Includes coverage of the very latest developments such as double pulsars and the dark galaxy.

• Based on the University of Manchester course, successfully run by the author for many years.

• Beautifully illustrated in full colour throughout.

• Web site with many additional full colour images, content, and latest developments.

HE Subject Code:  AS0100 (Introduction to Astronomy), PH2400 (Astrophysics)

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