



Unveiling the Universe is the starting point for *really* learning about astronomy. It is perhaps one of the most complete introductory astronomy books ever published. Almost every aspect of the subject is described in detail.

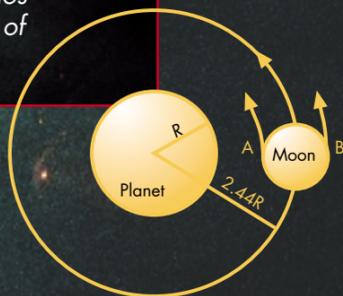
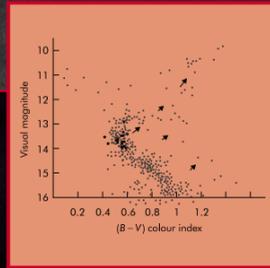
Beginning with charts of the night sky and a short history detailing the contribution made by the science's major figures, this encyclopedic book goes on to study instruments, measurements, and then every class of astronomical object. The exploration of the Solar System with space vehicles is given thorough coverage.

If you are a newcomer to astronomy, you can begin by reading this book just for its lucid, detailed, and authoritative text.

But as you learn more about the subject, you will want to study the descriptions of physical principles and begin to consider the mathematics of astronomy, such as the mass-luminosity law, Planck's laws, and the period-luminosity law. You will then discover that here too, the author has produced a work of unparalleled clarity. There are even appendices that will act as reminders for those who have forgotten most of their school mathematics.

Whatever your interest in astronomy, this will become one of your major reference books for years to come.

*J.E. van Zyl is resident in Randburg, South Africa. On his retirement after 47 years as an educator, he was Senior Lecturer in the Department of Applied Mathematics, and Lecturer at the Planetarium, University of Witwatersrand, Johannesburg. In 1994 the original Afrikaans edition of **Unveiling the Universe** was awarded the prestigious Rapportryers Prize for 'most meritorious popular science book'. The book was also awarded the Christos Papadopoulos Memorial Trophy by the Johannesburg Centre of the Astronomical Society of South Africa.*



ISBN 3-540-76023-7

J.E. VAN ZYL



UNVEILING THE UNIVERSE

J.E. VAN ZYL

UNVEILING THE UNIVERSE

An Introduction to Astronomy



Springer