

1. Record Nr.	UNINA9910300431903321
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Titolo	Astrophysics Is Easy! [[electronic resource] ] : An Introduction for the Amateur Astronomer / / by Michael Inglis
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
ISBN	3-319-11644-4
Edizione	[2nd ed. 2015.]
Descrizione fisica	1 online resource (312 p.)
Collana	The Patrick Moore Practical Astronomy Series, , 1431-9756
Disciplina	520
Soggetti	Astronomy Astrophysics Popular Science in Astronomy Astronomy, Astrophysics and Cosmology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Introduction -- The Tools of the Trade -- Planetary Science -- The Interstellar Medium -- Star Birth -- The Sun and Stars -- The Death of Stars -- Exoplanets -- Galaxies -- Active Galaxies -- Cosmology -- Index.
Sommario/riassunto	Astrophysics is often –with some justification – regarded as incomprehensible without the use of higher mathematics. Consequently, many amateur astronomers miss out on some of the most fascinating aspects of the subject. Astrophysics Is Easy! cuts through the difficult mathematics and explains the basics of astrophysics in accessible terms. Using nothing more than plain arithmetic and simple examples, the workings of the universe are outlined in a straightforward yet detailed and easy-to-grasp manner. The original edition of the book was written over eight years ago, and in that time, advances in observational astronomy have led to new and significant changes to the theories of astrophysics. The new theories will be reflected in both the new and expanded chapters. A unique aspect of this book is that, for each topic under discussion, an observing list is included so that observers can actually see for themselves the concepts presented –stars of the spectral sequence, nebulae, galaxies, even black holes. The observing list has been revised

and brought up-to-date in the Second Edition.

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