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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	From the Contents: Astrophysics of Extreme and Intermediate mass-ratio inspirals -- The PSR J0348+0432 system and its impact for Gravitational Wave Astrophysics -- Tidal Disruptions in Extreme and Intermediate mass-ratio inspirals -- Event Rates of Compact Binaries for advanced ground-based GW detectors and related astrophysics -- Astrophysics with 2nd generation Gravitational-Wave detectors.
Sommario/riassunto	This book offers review chapters written by invited speakers of the 3rd Session of the Sant Cugat Forum on Astrophysics — Gravitational Waves Astrophysics. All chapters have been peer reviewed. The book goes beyond normal conference proceedings in that it provides a wide panorama of the astrophysics of gravitational waves and serves as a reference work for researchers in the field.