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Autore	McNamara Geoff
Titolo	Clocks in the sky [[electronic resource]] : the story of pulsars // Geoff McNamara
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	'Life & Death Among The Stars' -- '1932' -- 'A New Window' -- 'scruff' -- 'What makes pulsars tick?' -- 'The Crab' -- 'Optical Pulsars' -- 'The Searchers' -- 'Two by Two' -- 'Faster' -- 'Globular Pulsars' -- 'Pulsar Planets' -- 'Magnetars' -- 'seeing Double' -- 'Of Multibeam and RRATs' -- 'The Future'.
Sommario/riassunto	Pulsars are rapidly spinning neutron stars, the collapsed cores of once massive stars that ended their lives as supernova explosions. In this book, Geoff McNamara explores the history, subsequent discovery and contemporary research into pulsar astronomy. The story of pulsars is brought right up to date with the announcement in 2006 of a new breed of pulsar, Rotating Radio Transients (RRATs), which emit short bursts of radio signals separated by long pauses. These may outnumber conventional radio pulsars by a ratio of four to one. Geoff McNamara ends by pointing out that, despite the enormous success of pulsar research in the second half of the twentieth century, the real discoveries are yet to be made including, perhaps, the detection of the hypothetical pulsar black hole binary system by the proposed Square Kilometre Array - the largest single radio telescope in the world.

