

1. Record Nr.	UNINA9910816637503321
Autore	Kadomtsev B. B
Titolo	On the pulsar / / B. B. Kadomsev ; foreword by A. Nomerotsky
Pubbl/distr/stampa	Singapore ; ; Hackensack, NJ, : World Scientific, c2010
ISBN	1-282-76172-2 9786612761720 981-4289-74-4
Edizione	[1st ed.]
Descrizione fisica	1 online resource (146 p.)
Disciplina	523.8/874
Soggetti	Pulsars Neutron stars Astrophysics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Unexpected encounter -- What is a pulsar? -- Mischievous ball -- Misha and sasha -- Playing billiards -- Stubborn fountains -- In the country of anisotropic masses -- Matter in a superstrong magnetic field -- Neutron star -- Physics of the pulsar -- Non-linearity and self-organization -- On the pulsar.
Sommario/riassunto	This book serves as a good introduction to the physics of pulsars by explaining the subject matter in simple terms which are understandable to both undergraduate physics students and also the general public. <i>On the Pulsar</i> links together ideas about physics, informatics and biology, and contains many original examples, problems and solutions. It starts with simple examples about the regular structures that are possible in strong magnetic fields and the author then suggests that special conditions on the pulsar can result in some forms of self-organization. It will also make a valuable t