

1. Record Nr.	UNISA996466711503316
Titolo	Supersymmetric mechanics - vol. 1 : supersymmetry, noncommutativity and matrix models // edited by Stefano Bellucci
Pubbl/distr/stampa	Berlin, Germany ; ; New York, United States : , : Springer, , [2006] ©2006
ISBN	1-280-61541-9 9786610615414 3-540-33314-2
Edizione	[1st ed. 2006.]
Descrizione fisica	1 online resource (239 p.)
Collana	Lecture Notes in Physics, , 0075-8450 ; ; 698
Disciplina	530.1423
Soggetti	Supergravity Supersymmetry
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"This is the first volume in a series of books on the general theme of Supersymmetric Mechanics, which are based on lectures and discussions held in 2005 and 2006 at the INFN-Laboratori Nazionali di Frascati"--Preface.
Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	A Journey Through Garden Algebras -- Supersymmetric Mechanics in Superspace -- Noncommutative Mechanics, Landau Levels, Twistors, and Yang–Mills Amplitudes -- Elements of (Super-)Hamiltonian Formalism -- Matrix Models.
Sommario/riassunto	This is the first volume in a series of books on the general theme of Supersymmetric Mechanics; the series is based on lectures and discussions held in 2005 and 2006 at the INFN-Laboratori Nazionali di Frascati. The selected topics include supersymmetry and supergravity, the attractor mechanism, black holes, noncommutative mechanics, super-Hamiltonian formalism and matrix models. All lectures are intended for beginners at the graduate level and nonspecialists from related fields of research and a substantial effort was made to incorporate in the extensive write-ups the results of the animated discussion sessions which followed the individual lectures. A second volume appears as Lecture Notes Physics, Vol. 701 "Supersymmetric Mechanics - Vol. 2 : The Attractor Mechanism" (2006), ISBN: 3-540-

