

1. Record Nr.	UNINA9910782360803321
Autore	Conte Robert <1943->
Titolo	The Painleve handbook [[electronic resource] /] / Robert Conte, Micheline Musette
Pubbl/distr/stampa	Dordrecht, : Springer, c2008
ISBN	1-281-91343-X 9786611913434 1-4020-8491-9
Edizione	[1st ed. 2008.]
Descrizione fisica	1 online resource (273 p.)
Altri autori (Persone)	MusetteMicheline
Disciplina	515.352 518/.6
Soggetti	Painleve equations Mathematical physics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (p. 234-252) and index.
Nota di contenuto	Introduction; Singularity Analysis: Painleve Test; Integrating Ordinary Differential Equations; Partial Differential Equations: Paieleve Test; From the Test to Explicit Solutions of PDEs; Integration of Hamiltonian Systems; Discrete Nonlinear Equations; FAQ (Frequently Asked Questions)
Sommario/riassunto	Nonlinear differential or difference equations are encountered not only in mathematics, but also in many areas of physics (evolution equations, propagation of a signal in an optical fiber), chemistry (reaction-diffusion systems), and biology (competition of species). This book introduces the reader to methods allowing one to build explicit solutions to these equations. A prerequisite task is to investigate whether the chances of success are high or low, and this can be achieved without any a priori knowledge of the solutions, with a powerful algorithm presented in detail called the Painlevé test. If the equation under study passes the Painlevé test, the equation is presumed integrable. If on the contrary the test fails, the system is nonintegrable or even chaotic, but it may still be possible to find solutions. The examples chosen to illustrate these methods are mostly taken from physics. These include on the integrable side the nonlinear

Schrödinger equation (continuous and discrete), the Korteweg-de Vries equation, the Hénon-Heiles Hamiltonians, on the nonintegrable side the complex Ginzburg-Landau equation (encountered in optical fibers, turbulence, etc), the Kuramoto-Sivashinsky equation (phase turbulence), the Kolmogorov-Petrovski-Piskunov equation (KPP, a reaction-diffusion model), the Lorenz model of atmospheric circulation and the Bianchi IX cosmological model. Written at a graduate level, the book contains tutorial text as well as detailed examples and the state of the art on some current research.

2. Record Nr.	UNINA9910827884503321
Autore	White Ethan
Titolo	Wicca : history, belief, and community in modern pagan witchcraft // Ethan Doyle White
Pubbl/distr/stampa	Chicago : , : Sussex Academic Press, , 2016
ISBN	1-78284-255-1 1-78284-253-5
Descrizione fisica	1 online resource (288 p.)
Disciplina	299/.94
Soggetti	Wicca
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	The craft of the pagan witches -- Wiccan history -- Origins and inspiration -- Gerald gardner -- Gardner's rivals -- Wicca in the usa -- Feminism, gay lib, and the eco-warriors -- The charmed generation -- Belief and praxes -- Wicca as witchcraft -- Wiccan theology -- The coven and the solitary -- Magic and morality -- Wiccan ritual -- The wheel of the year -- Birth, death, and afterlife -- Wiccan life -- Converting to the craft -- The Wiccan community -- Wiccan culture.