1. Record Nr. UNINA990006282330403321

Autore	Comoglio, Luigi Paolo
Titolo	La garanzia costituzionale dell'azione ed il processo civile / Luigi Paolo Comoglio
Pubbl/distr/stampa	Padova : Cedam, 1970
Descrizione fisica	XII, 360 p. ; 24 cm
Collana	Pubblicazioni della Università di Pavia. Studi nelle scienze giuridiche e sociali , Nuova serie ; 6
Disciplina	347 342
Locazione	DEC FGBC DDCIC DDRC FSPBC
Collocazione	DP XVIII-21 UNIV. 258BIS (6) XXVI 29 CC E-V-3 UNIV. 88 (6) BB-199
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910257378603321

Autore	Cherniha Roman
Titolo	Nonlinear Reaction-Diffusion Systems : Conditional Symmetry, Exact Solutions and their Applications in Biology / / by Roman Cherniha, Vasyl' Davydovych
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
ISBN	3-319-65467-5
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (XIII, 160 p. 13 illus., 10 illus. in color.)
Collana	Lecture Notes in Mathematics, , 0075-8434 ; ; 2196
Disciplina	515.353
Soggetti	Biomathematics Differential equations, Partial Mathematical physics Mathematical and Computational Biology Partial Differential Equations Mathematical Physics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	1 Scalar reaction-diffusion equations – conditional symmetry, exact solutions and applications -- 2 Q-conditional symmetries of reaction-diffusion systems -- 3 Conditional symmetries and exact solutions of diffusive Lotka–Volterra systems -- 4 Q-conditional symmetries of the first type and exact solutions of nonlinear reaction-diffusion systems -- A List of reaction-diffusion systems and exact solutions -- Index.
Sommario/riassunto	This book presents several fundamental results in solving nonlinear reaction-diffusion equations and systems using symmetry-based methods. Reaction-diffusion systems are fundamental modeling tools for mathematical biology with applications to ecology, population dynamics, pattern formation, morphogenesis, enzymatic reactions and chemotaxis. The book discusses the properties of nonlinear reaction-diffusion systems, which are relevant for biological applications, from the symmetry point of view, providing rigorous definitions and constructive algorithms to search for conditional symmetry (a nontrivial generalization of the well-known Lie symmetry) of nonlinear reaction-

diffusion systems. In order to present applications to population dynamics, it focuses mainly on two- and three-component diffusive Lotka-Volterra systems. While it is primarily a valuable guide for researchers working with reaction-diffusion systems and those developing the theoretical aspects of conditional symmetry conception, parts of the book can also be used in master’s level mathematical biology courses.