

1. Record Nr.	UNINA9910438032003321
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Titolo	Constant-sign solutions of systems of integral equations // Ravi P. Agarwal, Donal O'Regan, Patricia J.Y. Wong
Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , 2013
ISBN	3-319-01255-X
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (xiv, 648 pages)
Collana	Gale eBooks
Disciplina	515 515.352 515/.45
Soggetti	Integral equations Functional analysis
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	Introduction and Preliminaries -- System of Fredholm Integral Equations: Existence of a Constant-Sign Solution -- System of Fredholm Integral Equations: Eigenvalues -- System of Fredholm Integral Equations: Triple Constant-Sign Solutions -- System of Fredholm Integral Equations: Existence of a Constant-Sign L_p Solution -- System of Fredholm Integral Equations: Semipositone and Singular Case -- Systems of Fredholm and Volterra Integral Equations: Integrable Singularities -- Systems of Higher Order Boundary Value Problems: Integrable Singularities -- System of Volterra Integral Equations: Integrable Singularities -- Systems of Fredholm and Volterra Integral Equations: the Singular Case -- System of Singular Fredholm Integral Equations -- System of Singular Integral Equations of Hammerstein Type -- System Modeling the Spread of Interdependent Epidemics: Constant-Sign Periodic Solutions -- System of Hill's Equations: Constant-Sign Periodic Solutions -- System of Integral Equations: Constant-Sign Periodic and Almost Periodic Solutions -- System of Fredholm Integral Equations: Solutions in Orlicz Spaces -- System of Volterra Integral Equations: Constant-Sign Solutions in Orlicz Spaces -- System of Urysohn Integral Equations: Existence of a Constant-Sign Solution -- System of Fredholm Integral Equations: Existence Results via Brezis-Browder Arguments -- System of Volterra

Integral Equations: Existence Results via Brezis-Browder Arguments --
Bibliography -- Subject Index.

Sommario/riassunto

This monograph provides a complete and self-contained account of the theory, methods, and applications of constant-sign solutions of integral equations. In particular, the focus is on different systems of Volterra and Fredholm equations. The presentation is systematic and the material is broken down into several concise chapters. An introductory chapter covers the basic preliminaries. Throughout the book many examples are included to illustrate the theory. The book contains a wealth of results that are both deep and interesting. This unique book will be welcomed by mathematicians working on integral equations, spectral theory, and on applications of fixed point theory and boundary value problems.