1. Record Nr. UNINA9910793965203321

Titolo	Research methodology for social sciences / / Edited by Rajat Acharyya and Nandan Bhattacharya
Pubbl/distr/stampa	Abingdon, Oxon ; ; New York, NY : , : Routledge, , 2020
ISBN	1-000-72578-2 1-000-72564-2 0-367-81034-4
Descrizione fisica	1 online resource (xvi, 268 pages) : illustrations
Collana	Contemporary issues in social science research
Classificazione	28.08
Disciplina	300.721
Soggetti	Qualitative research - Philosophy Social sciences - Methodology research qualitative analysis research method social sciences
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Sommario/riassunto	"Research Methodology for Social Sciences provides guidelines for designing and conducting evidence-based research in social sciences and interdisciplinary studies using both qualitative and quantitative data. Blending the particularity of different sub-disciplines and interdisciplinary nature of social sciences, this volume: Provides insights on epistemological issues and deliberates on debates over qualitative research methods; Covers different aspects of qualitative research techniques and evidence-based research techniques including survey design, choice of sample, construction of indices, statistical inferences, and data analysis; Discusses concepts, techniques, and tools at different stages of research beginning with design of field surveys to collect raw data and then to analyze the data using statistical and econometric methods; With illustrations, examples and a reader friendly approach, this volume will serve as a key reference material for

		compulsory research methodology courses at Doctoral levels across different disciplines like Economics, Sociology, Women's Studies, Education, Anthropology, Political Science, International Relations, Philosophy, History, Business Management and the like. This volume will also be indispensable for post-graduate courses dealing with quantitative techniques and data analysis"--
2.	Record Nr.	UNINA9910876659403321
	Titolo	Fundamentals of numerical mathematics for physicists and engineers / / Alvaro Meseguer
	Pubbl/distr/stampa	Hoboken, N.J., : Wiley, 2020 Hoboken, N.J. : , : Wiley, , 2020
	ISBN	9781119425755 1119425751 9781119425717 1119425719 9781119425762 111942576X
	Descrizione fisica	1 online resource (403 pages)
	Classificazione	418.1 518
	Disciplina	519.4
	Soggetti	Numerical analysis Mathematical physics Engineering mathematics
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Includes bibliographical references (p. 369-371) and index
	Nota di bibliografia	Includes bibliographical references (pages 369-371) and index.
	Nota di contenuto	Solution methods for scalar nonlinear equations -- Polynomial interpolation -- Numerical differentiation -- Numerical integration -- Numerical linear algebra -- Systems of nonlinear equations -- Numerical fourier analysis -- Ordinary differential equations.
	Sommario/riassunto	"This book helps readers understand the mathematical and algorithmic

elements that lie beneath numerical and computational methodologies in order to determine the suitability of certain methods for solving a given problem. This book is broken into two parts. Part I addresses the root finding of univariate trascendental equations, polynomial interpolation, numerical differentiation and numerical integration. Part II addresses slightly more advanced topics such as introductory numerical linear algebra, parameter dependent systems of nonlinear equations, approximation theory and ordinary differential equations (initial value problems and univariate boundary value problems). This book contains examples related to problems in classical mechanics, thermodynamics, electromagnetism and quantum physics. The author discusses Bisection method, computational cost, Barycentric interpolatory formula, Fixed point iteration method, and Linear Multistep Formulas (LMSF). Each section concludes with Matlab practicals and problem and exercise sets"--