

1. Record Nr.	UNINA9910746994503321
Autore	Pilipchuk V. N (Valerii Nikolaevich)
Titolo	Oscillators and Oscillatory Signals from Smooth to Discontinuous : Geometrical, Algebraic, and Physical Nature / / by Valery N. Pilipchuk
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2023
ISBN	3-031-37788-5
Edizione	[2nd ed. 2023.]
Descrizione fisica	1 online resource (461 pages)
Disciplina	530.416
Soggetti	Mechanics Multibody systems Vibration Mechanics, Applied Engineering Dynamics Nonlinear theories Classical Mechanics Multibody Systems and Mechanical Vibrations Technology and Engineering Applied Dynamical Systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction -- Smooth Oscillating Processes -- Nonsmooth Processes as Asymptotic Limits -- Nonsmooth Temporal Transformations (NSTT) -- Sawtooth Power Series -- NSTT for Linear and Piecewise-Linear Systems -- Periodic and Transient Nonlinear Dynamics under Discontinuous Loading -- Strongly Nonlinear Vibrations -- Strongly Nonlinear Waves -- Impact Modes and Parameter Variations -- Principal Trajectories of Forced Vibrations -- NSTT and Shooting Method for Periodic Motions -- Essentially Non-periodic Processes -- Spatially-Oscillating Structures.
Sommario/riassunto	This updated and enriched new edition maintains its complementarity principle in which the subgroup of rotations, harmonic oscillators, and the conventional complex analysis generate linear and weakly nonlinear

approaches, whereas translations and reflections, impact oscillators, and hyperbolic Clifford's algebras, give rise to the essentially nonlinear "quasi-impact" methodology based on the idea of non-smooth temporal substitutions. In the years since "Nonlinear Dynamics: Between Linear and Impact Limits," the previous edition of this book, was published, due to a widening area of applications, a deeper insight into the matter has emerged leading to the rudimentary algebraic view on the very existence of the complementary smooth and non-smooth base systems as those associated with two different signs of the algebraic equation $j^2 = \pm 1$. This edition further includes an overview of applications found in the literature after the publication of first edition, and new physical examples illustrating both theoretical statements and constructive analytical tools. Presents an improved picture of non-smooth temporal transformations using impact systems as a basis for various analyses; Includes new examples of recent applications for problems in energy absorption/harvesting and resonance interactions; Describes a complementarity principle with a range of applications from smooth to discontinuous oscillatory processes.

2. Record Nr.	UNINA9910557564003321
Autore	Trinidad-Segovia J.E
Titolo	Quantitative Methods for Economics and Finance
Pubbl/distr/stampa	Basel, Switzerland, : MDPI - Multidisciplinary Digital Publishing Institute, 2021
Descrizione fisica	1 online resource (418 p.)
Soggetti	Coins, banknotes, medals, seals (numismatics)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	This book is a collection of papers for the Special Issue "Quantitative Methods for Economics and Finance" of the journal Mathematics. This Special Issue reflects on the latest developments in different fields of economics and finance where mathematics plays a significant role. The book gathers 19 papers on topics such as volatility clusters and volatility dynamic, forecasting, stocks, indexes, cryptocurrencies and commodities, trade agreements, the relationship between volume and price, trading strategies, efficiency, regression, utility models, fraud prediction, or intertemporal choice.

3. Record Nr.	UNINA9910133375803321
Titolo	Bibliothèques et publics handicapés visuels / / Élisabeth Bailly, Philippe Saurel, Marie-France Aron, Cécile Jallet-Bourg, Jean-Dadier Wagneur, Catherine Desbuquois, Gilles Gudin de Vallerin, Sylvie Hamzaoui, Jean-Louis Glénisson, Manuel Da Silva, Gérald Grunberg
Pubbl/distr/stampa	Éditions de la Bibliothèque publique d'information, 2002 [Place of publication not identified], : Éditions de la Bibliothèque publique d'information, 2002
ISBN	2-84246-215-7
Descrizione fisica	1 online resource (67 pages)
Collana	Paroles en reseau
Soggetti	Social Sciences Library & Information Science
Lingua di pubblicazione	Francese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Sommario/riassunto	Il y a, en France, quelque 1 500 000 mal-voyants et 70 000 aveugles pour qui l'accès à l'information et à l'écrit constitue un véritable parcours du combattant. Les bibliothèques ont un rôle primordial à jouer vis-à-vis de ces publics. Depuis l'ouverture en 1984 de la salle Borges par la Bibliothèque publique d'information, suivie par celle de l'espace Louis Braille à la Médiathèque de la Cité des sciences et de l'industrie en 1986, les bibliothèques publiques et universitaires sont de plus en plus nombreuses à proposer aux personnes concernées des collections de documents adaptés ainsi que des aides techniques permettant la lecture de textes numérisés. La nouvelle BMVR (bibliothèque municipale à vocation régionale) de Montpellier qui vient d'inaugurer son espace Homère a accueilli, en prolongement des rencontres professionnelles de 1997 et 1998, cette journée d'étude sur l'accès à la lecture des personnes aveugles et mal-voyantes.