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Titolo	Fractional dynamics // Carlo Cattani, Hari M. Srivastava, Xiao-Jun Yang (eds.)
Pubbl/distr/stampa	Berlin : , : De Gruyter Open, , [2015] ©2015
ISBN	3-11-047071-3 3-11-047209-0
Descrizione fisica	1 online resource (392 pages) : illustrations
Disciplina	515.83
Soggetti	Fractional calculus Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
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Nota di contenuto	Frontmatter -- Contents -- Fractional Dynamics / Cattani, Carlo / Srivastava, H. M. / Yang, Xiao-Jun -- Local Fractional Calculus on Shannon Wavelet Basis / Cattani, Carlo -- Discretely and Continuously Distributed Dynamical Systems with Fractional Nonlocality / Tarasov, Vasily E. -- Temporal Patterns in Earthquake Data-series / Lopes, António M. / Tenreiro Machado, J.A. -- An Integral Transform arising from Fractional Calculus / Asada, Akira -- Approximate Solutions to Time-fractional Models by Integral-balance Approach / Hristov, Jordan -- A Study of Sequential Fractional q-integro-difference Equations with Perturbed Anti-periodic Boundary Conditions / Ahmad, Bashir / Alsaedi, Ahmed / Al-Hutami, Hana -- Fractional Diffusion Equation, Sorption and Reaction Processes on a Surface / Lenzi, M. K. / Gonçalves, G. / Leitoles, D. P. / Lenzi, E. K. -- Fractional Order Models for Electrochemical Devices / Sabatier, Jocelyn -- Results for an Electrolytic Cell Containing Two Groups of Ions: PNP - Model and Fractional Approach / Lenzi, M. K. / Gonçalves, G. / Silva, F. R. G. B. / Zola, R. S. / Ribeiro, H. V. / Rossato, R. / Lenzi, E. K. -- Application of Fractional Calculus to Epidemiology / Atangana, Abdon -- On Numerical Methods for Fractional Differential Equation on a Semi-infinite Interval / Bhrawy, A.H. / Taha, T.M. / Abdelkawy, M.A. / Hafez, R.M. -- From Leibniz's Notation for Derivative to the Fractal Derivative,

Fractional Derivative and Application in Mongolian Yurt / Liu, Hong-Yan / He, Ji-Huan -- Cantor-type spherical-coordinate Method for Differential Equations within Local Fractional Derivatives / Segi Rahmat, Mohamad Rafi / Baleanu, Dumitru / Yang, Xiao-Jun -- Approximate Methods for Local Fractional Differential Equations / Srivastava, H. M. / Tenreiro Machado, J. A. / Yang, Xiao-Jun -- Numerical Solutions for ODEs with Local Fractional Derivative / Yang, Xiao-Jun / Baleanu, Dumitru / Tenreiro Machado, J. A. -- Local Fractional Calculus Application to Differential Equations Arising in Fractal Heat Transfer / Yang, Xiao-Jun / Cattani, Carlo / Xie, Gongnan -- Local Fractional Laplace Decomposition Method for Solving Linear Partial Differential Equations with Local Fractional Derivative / Jafari, Hossein / Jassim, Hassan Kamil / Tauseef Mohyud-Din, Syed -- Calculus on Fractals / Golmankhaneh, Alireza K. / Baleanu, D. -- Solutions of Nonlinear Fractional Differential Equations Systems through an Implementation of the Variational Iteration Method / Mehmet Baskonus, Haci / Bin Muhammad Belgacem, Fethi / Bulut, Hasan -- Fractional-order Nonlinear Systems: Chaotic Dynamics, Numerical Simulation and Circuits Design / Mekkaoui, Toufik / Hammouch, Zakia / Belgacem, Fethi B.M. / El Abbassi, Ahmed -- Fractional Derivative of the Riemann Zeta Function / Guariglia, E. -- A Treatment of Generalized Fractional Differential Equations: Sumudu Transform Series Expansion Solutions, and Applications / Bin Muhammad Belgacem, Fethi / Gulati, Vartika / Goswami, Pranay / Aljoujee, Abdullah

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#### Sommario/riassunto

The book is devoted to recent developments in the theory of fractional calculus and its applications. Particular attention is paid to the applicability of this currently popular research field in various branches of pure and applied mathematics. In particular, the book focuses on the more recent results in mathematical physics, engineering applications, theoretical and applied physics as quantum mechanics, signal analysis, and in those relevant research fields where nonlinear dynamics occurs and several tools of nonlinear analysis are required. Dynamical processes and dynamical systems of fractional order attract researchers from many areas of sciences and technologies, ranging from mathematics and physics to computer science.

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2. Record Nr.	UNINA9910798860903321
Titolo	Cassius dio : greek intellectual and roman politician
Pubbl/distr/stampa	[S.l.] : , : Brill, , 2016
ISBN	90-04-33531-5
Descrizione fisica	1 online resource (376 pages) : illustrations
Collana	Historiography of Rome and its empire ; ; 1
Disciplina	303.64
Soggetti	Roman history (Cassius Dio Coceianus) Rome (Empire)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Preliminary Material -- Between History and Politics / Carsten Hjort Lange and Jesper Majbom Madsen -- Cassius Dio's Sulla: Exemplum of Cruelty and Republican Dictator / Gianpaolo Urso -- Cassius Dio on Pompey's Extraordinary Commands / Marianne Coudry -- The Sources of Cassius Dio for the Roman Civil Wars of 49–30 bc / Richard Westall -- Cassius Dio and the Foreigners / Søren Lund Sørensen -- Mock the Triumph: Cassius Dio, Triumph and Triumph-Like Celebrations / Carsten Hjort Lange -- Cassius Dio and the City of Rome / Alain M. Gowing -- Criticising the Benefactors: The Severans and the Return of Dynastic Rule / Jesper Majbom Madsen -- Dio the Dissident: The Portrait of Severus in the Roman History / Jussi Rantala -- Cassius Dio's Secret History of Elagabalus / Josiah Osgood -- Fictitious Speeches, Envy, and the Habituation to Authority: Writing the Collapse of the Roman Republic / Christopher Burden-Stevens -- Speeches in Dio Cassius / Andriy Fomin -- Dio, Caesar and the Vesontio Mutineers (38.34–47): A Rhetoric of Lies / Adam Kemezis -- Parrhêsia in Cassius Dio / Christopher Mallan -- Historiography and Panegyric: The Deconstruction of Imperial Representation in Cassius Dio's Roman History / Verena Schulz -- Cassius Dio – Pepaideumenos and Politician on Kingship / Brandon Jones -- Alexander the Great in Cassius Dio / Jesper Carlsen -- Bibliography -- Index.
Sommario/riassunto	Winner of the 2017 Choice Outstanding Academic Title Award Cassius Dio: Greek Intellectual and Roman Politician , a collection of essays on

this historian, is the first to appear in the new Brill series *Historiography of Rome and Its Empire*. The volume brings together case studies that highlight various aspects of Dio's Roman History, focusing on previously ignored or misunderstood aspects of his narrative. The main purpose of the volume is to pursue a combined historiographic, literary and rhetorical analysis of Dio's work and of its political and intellectual agendas. Dio's work is often used as a handy resource, with scholars looking at isolated sections of his annalistic structure. Contrary to this approach, the volume puts emphasis on Cassius Dio and his Roman History in its historiographical setting, thus allowing us to link and understand the different parts of his work.

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