

1. Record Nr.	UNISA996466513703316
Autore	Diethelm Kai
Titolo	The Analysis of Fractional Differential Equations [[electronic resource]] : An Application-Oriented Exposition Using Differential Operators of Caputo Type // by Kai Diethelm
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2010
ISBN	1-280-39183-9 9786613569752 3-642-14574-4
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Collana	Lecture Notes in Mathematics, , 0075-8434 ; ; 2004
Disciplina	515/.83
Soggetti	Differential equations Integral equations Mathematical analysis Analysis (Mathematics) Ordinary Differential Equations Integral Equations Analysis
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
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Nota di bibliografia	Includes bibliographical references (p. 237-244) and index.
Nota di contenuto	Fundamentals of Fractional Calculus -- Riemann-Liouville Differential and Integral Operators -- Caputo's Approach -- Mittag-Leffler Functions -- Theory of Fractional Differential Equations -- Existence and Uniqueness Results for Riemann-Liouville Fractional Differential Equations -- Single-Term Caputo Fractional Differential Equations: Basic Theory and Fundamental Results -- Single-Term Caputo Fractional Differential Equations: Advanced Results for Special Cases -- Multi-Term Caputo Fractional Differential Equations.
Sommario/riassunto	Fractional calculus was first developed by pure mathematicians in the middle of the 19th century. Some 100 years later, engineers and physicists have found applications for these concepts in their areas. However there has traditionally been little interaction between these two communities. In particular, typical mathematical works provide

extensive findings on aspects with comparatively little significance in applications, and the engineering literature often lacks mathematical detail and precision. This book bridges the gap between the two communities. It concentrates on the class of fractional derivatives most important in applications, the Caputo operators, and provides a self-contained, thorough and mathematically rigorous study of their properties and of the corresponding differential equations. The text is a useful tool for mathematicians and researchers from the applied sciences alike. It can also be used as a basis for teaching graduate courses on fractional differential equations.

2. Record Nr.

Autore

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Torelli Paul

International economics : understanding the forces of globalization for managers / / Paul Torelli

New York, New York (222 East 46th Street, New York, NY 10017) : , :
Business Expert Press, , 2013

1-60649-353-1

[First edition.]

1 online resource (218 p.)

Economics and finance collection, , 2163-7628

337

International economic relations

Globalization

Inglese

Materiale a stampa

Monografia

Part of: 2013 digital library.

Includes bibliographical references and index.

1. A brief history of modern economic globalization -- 2. Economic growth, convergence, and trade -- 3. Theories of international trade -- 4. Industrialization, globalization, and labor markets -- 5. Politics, globalization, and the state -- 6. Poverty, progress, and critics of globalization -- Epilogue -- Index.

Today's news media displays an intense fascination with the global economy--and for good reason. The degree of worldwide economic integration is unprecedented, and rising globalization has lifted living standards and reduced poverty. Foreign markets and new technologies continue to present opportunities for entrepreneurs and corporations.

Still, economic shocks can spread across the world in minutes, impacting billions of lives. Citizens are understandably anxious in this age of macroeconomic turbulence and overextended governments. Modern economics offers a powerful framework for understanding globalization, international trade, and economic growth. Many managers possess years of hands-on experience dealing with business cycles and foreign competitive pressures, yet these leaders may not have a solid grounding in economic concepts that shed light on the forces of globalization. This book explains economics in everyday language, using little or no math, giving businesspersons better tools to interpret current events as well as long-term economic and political developments.
