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Autore	Della Pergola, Paola <1909- >
Titolo	Villa Borghese / Paola Della Pergola
Pubbl/distr/stampa	Roma : Istituto Poligrafico dello Stato, 1962
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Titolo	A Multidisciplinary Look at Menopause // edited by Juan Francisco Rodriguez-Landa and Jonathan Cueto-Escobedo
Pubbl/distr/stampa	Rijeka : , : IntechOpen, , 2017 ©2017
ISBN	953-51-4708-0 953-51-3406-X
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Autore	Zeidan Dia
Titolo	Mathematics and Computation : IACMC 2022, Zarqa, Jordan, May 11–13 // edited by Dia Zeidan, Juan C. Cortés, Aliaa Burqan, Ahmad Qazza, Jochen Merker, Gharib Gharib
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Altri autori (Persone)	CortésJuan C BurqanAliaa QazzaAhmad MerkerJochen GharibGharib
Disciplina	004.0151
Soggetti	Mathematics - Data processing Numerical analysis Approximation theory Mathematics Computational Mathematics and Numerical Analysis Numerical Analysis Approximations and Expansions Applications of Mathematics
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Nota di contenuto	A. S. Salama and R. Abu Gdair: Generalized Neighborhood Systems Approach for Information Retrieval Systems -- Emad A. Kuffi, E. S. Abbas and S. F. Maktoof: Applying “Emad–Sara” Transform on Partial Differential Equations -- A. Al-Swaftah, A. Burqan and M. Khandaqji: Estimations of the Bounds for the Zeros of Polynomials Using Matrices -- B. Ghazal, R. Saadeh and G. Gharib: Applications on Formable Transform in Solving Integral Equations -- O. Tug: On the Eigenvalue of a Norlund Type Matrix as an Operator on the Sequence Spaces L_1 and bv -- N. Tahat, Obaida M. Al-hazaimh and S. Shatnawi: A New Authentication Scheme Based on Chaotic Maps and Factoring Problems

-- R. B. Albadarneh, A. M. Adawi, Sa'ud Al-Sa'di, I. M. Batiha and S. Momani: A pro rata Definition of the Fractional-order Derivative -- S. Ibrahim, M. Muhammed Al-Kassab and M. Qasim Al-Awjar: Investigating Multicollinearity in Factors Affecting Number of Born Children in Iraq -- T. Alkharabsheh, K. shebrawi and M. Abu-sSaleem: Hilbert–Schmidt Numerical Radius Inequalities For Certain 2×2 Operator Matrices -- Y. A. Sabawi, Mardan A. Pirdawood, Hemn M. Rasool and S. Ibrahim: Model Reduction and Implicit–Explicit Runge–Kutta Schemes for Nonlinear Stiff Initial-value Problems -- G. M. Gharib, Maha S. Alsauodi, A. Guiatni, Mohammad A. Al-Omari and A. Al-Rahman M. Malkawi: Using Atomic Solution Method to Solve the Fractional Equations -- S. Ramadan: Analysis in the Algebra $A(E)$ -- S. rasem, A. Dababneh and Ma'mon Abu Hammad: Applications of Conformable Fractional Weibull Distribution -- O. Ramadan: Stable Second-order Explicit Runge–Kutta Finite Difference Time Domain Formulations for Modeling Graphene Nano-material Structures -- Ali Shehab, Ahmed M. R. El-Baz and A. M. Elmarhomy: Hydrodynamic Analysis and CFD Modeling of PAWEC Interacted with Regular Waves Using CFX -- M. Muhammed Al-Kassab and S. Ibrahim: Using Ridge Regression to Estimate Factors Affecting the Number of Births: A Comparative Study -- T. Hamadneh, J. Merker and G. Schuldt: Discrete Maximum Principle and Positivity Certificates for the Bernstein Dual Petrov–Galerkin Method -- A. Burqan, A. Sarhan and R. Saadez: Analytical Solutions of the Fractional Riccati Differential Equations Using Laplace Residual Power Series Method -- D. Andrica and O. Bagdasa: On the Dynamic Geometry of Kasner Triangles with Complex Parameter -- D. Amr and Ma'mon Abu Hammad: Application of Conformable Fractional Nakagami Distribution -- Rawya Al-deiakeh, Maha S. Alsauodi, S. Momani, Gharib M. Gharib and T. B. Salameh: Application of Laplace Residual Series Method for Solving Time-fractional Fisher Equation -- M. Hassen Eid Abu-Sei'leek: Self-consistent Single-particle Spectra with Delta Excitations -- I. M. Batiha, N. Djenina, A. Ouannas and T. E. Oussaeif: Fractional-order SEIR Covid-19 Model: Discretization and Stability Analysis -- A. Alsoboh and M. Darus: A q -Starlike Class of Harmonic Meromorphic Functions Defined by q -Derivative Operator -- J. Oudetallah, Z. Chebana, Taki-Eddine Oussaeif, A. Ouannas and I. M. Batiha: Theoretical Study of Explosion Phenomena for a Semi-parabolic Problem -- L. Szala: Explicit Formulae of Linear Recurrences -- R. Abu Sallik, J. Al Jaraden: The Influence of S -quasinormal Subgroups on the Structure of Finite Groups -- S. J. Ansari and V. R. Lakshmi Gorty: Two-sided Clifford Wavelet Function in $Cl(p, q)$ -- L. Nemeth and L. Szalay: Generalizations of the Fibonacci Sequence with Zig-zag Walks -- D. Wafula Waswa and M. Muhammed Al-Kassab: Mathematics Learning Challenges and Difficulties: A Students' Perspective -- V.R. Ibrahimov, G.Yu. Mehdiyeva, Xiao-Guang Yue and M.N. Imanova: Finding Solution to the Initial Value Problem for ODEs First and Second Order by One and the Same Method -- Doaa Al-Saan: On Symmetric Matrices with One Positive Eigenvalue and the Interval Property of Some Matrix Classes -- N. Anakira, A. Hioual, A. Ouannas, Taki-Eddine Oussaeif and Iqbal M. Batiha: Global Asymptotic Stability for Discrete-time SEI Reaction-diffusion Model -- G. Eid, I. Jebiril, Ma'mon Abu Hammad and D. AbuJudeh: Atomic Solution of Euler Equation -- Worood A. AL-hakim, Maha S. Alsauodi, Gharib M. Gharib, Fatima Alqasem and May Abu Jalbosh: Solving Nonlinear Fractional Coupled Burgers Equation by Sub-equation Method -- S. M. Alshorm: Groups in which the Commutator Subgroup is Cyclic -- M. A. Amleh: On Point Prediction of New Lifetimes under a Simple Step-stress Model for Censored Lomax Data -- Tareq M. Al-shami and Radwan Abu-

Gdairi: Infra Soft B-open Sets and Their Applications on Infra Soft Topological Spaces -- Raed M. Khalil: An Algorithm of the Prey and Predator Struggle to Survive as a Random Walk Simulation Case Study -- W. Beghami, B. Maayah and S. Bushnaq: Numerical Study of a Nonlinear Fractional Mathematical Model of the Tumor Cells Chemotherapy Effect -- O. Ababneh and K. Al-Boureeny: New Modification Methods for Finding Zeros of Nonlinear Function -- Ioan-Lucian Popa, T. Ceausu, L. Elena Biris and A. Zada: On Tempered Exponential Trisplitting for Random Semi-Dynamical Systems -- H. El-Metwally, F. M. Masood, R. Abu-Gdairi and Tareq M. Al-shami: On q -Laplace Transforms -- N. R. Anakira, G.F. Bani-Hani and O. Ababneh: An Effective Procedure for Solving Linear and Non-linear Volterra Integro-differential Equations -- S. Alkhalely, A. Burqan and M. Muhammed Al-Kassab: New Estimations for Zeros of Polynomials Using Numerical Radius and Similarity of Matrices -- J. Jawdat: Strong Coproximinal Subspaces in Köthe Function Spaces -- E. Savas: A New Paranormed Sequence Spaces and Invariant Means.

Sommario/riassunto

This book collects select papers presented at the 7th International Arab Conference on Mathematics and Computations (IACMC 2022), held from 11–13 May 2022, at Zarqa University, Zarqa, Jordan. These papers discuss a new direction for mathematical sciences. Researchers, professionals and educators will be exposed to research results contributed by worldwide scholars in fundamental and advanced interdisciplinary mathematical research such as differential equations, dynamical systems, matrix analysis, numerical methods and mathematical modelling. The vision of this book is to establish prototypes in completed, current and future mathematical and applied sciences research from advanced and developing countries. The book is intended to make an intellectual contribution to the theory and practice of mathematics. This proceedings would connect scientists in this part of the world to the international level.
