1. Record Nr. UNINA9910755076803321 Autore Kähler Uwe **Titolo** Analysis, Applications, and Computations: Proceedings of the 13th ISAAC Congress, Ghent, Belgium, 2021 / / edited by Uwe Kähler, Michael Reissig, Irene Sabadini, Jasson Vindas Cham: .: Springer International Publishing: ,: Imprint: Birkhäuser, , Pubbl/distr/stampa 2023 3-031-36375-2 ISBN Edizione [1st ed. 2023.] 1 online resource (696 pages) Descrizione fisica Collana Research Perspectives, , 2509-7415 Altri autori (Persone) ReissigMichael SabadiniIrene VindasJasson 515 Disciplina Soggetti Mathematical analysis Differential equations Mathematics **Analysis Differential Equations** Applications of Mathematics Anàlisi matemàtica Congressos Llibres electrònics Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di contenuto - Part I Plenary Lecture -- A Review of Univariate and Multivariate Multifractal Analysis Illustrated by the Analysis of Marathon Runners Physiological Data -- Part II Applications of Dynamical Systems Theory in Biology -- Wavefronts in Forward-Backward Parabolic Equations and Applications to Biased Movements -- Bohr-Levitan Almost Periodic and Almost Automorphic Solutions of Equation x' (t) = f(t-1, x(t-1)) - f(t, t)x(t)) -- Periodic Solutions in a Differential Delay Equation Modeling Megakaryopoiesis -- Discrete and Continuous Models of the COVID-19

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Sommario/riassunto

This volume contains the contributions of the participants of the 13th International ISAAC Congress 2021, held in Ghent, Belgium. The papers, written by respected international experts, address recent results in mathematics, with a special focus on analysis. The volume provides to both specialists and non-specialists an excellent source of information on current research in mathematical analysis and its various interdisciplinary applications.