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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-Levitin Almost Periodic and Almost Automorphic Solutions of Equation $x'(t) = f(t - 1, x(t - 1)) - f(t, x(t))$ -- Periodic Solutions in a Differential Delay Equation Modeling Megakaryopoiesis -- Discrete and Continuous Models of the COVID-19 Pandemic Propagation with a Limited Time Spent in Compartments -- Part III Challenges in STEM Education -- Some Aspects of Usage of Digital Technologies in Mathematics Education -- Teaching of STEM Lectures During the COVID-19 Time -- Extra-Curricular Activities to Promote STEM Learning -- Usage of Online Platforms in Education of

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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.