1. Record Nr. UNINA9910593100803321

Autore	Zimmermann, Heinrich
Titolo	Die Jahresbilanz der Aktiengesellschaft : inaugural dissertation der Universitat Zurich / Heinrich Zimmermann
Pubbl/distr/stampa	Zurich, : Leemann, 1921
Descrizione fisica	435 p. ; 8°
Disciplina	340
Locazione	FGBC
Collocazione	Dissertaz. A 61
Lingua di pubblicazione	Tedesco
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910598193503321

Titolo	Special functions : Fractional Calculus and the Pathway for Entropy / / Hans J. Haubold, editor
Pubbl/distr/stampa	Basel : , : MDPI - Multidisciplinary Digital Publishing Institute, , [2018] ©2018
Descrizione fisica	1 online resource (304 pages)
Disciplina	515.83
Soggetti	Fractional calculus Mathematical physics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	About the Special Issue Editor -- Preface to "Special Functions: Fractional Calculus and the Pathway for Entropy" ix Constantino Tsallis -- Approach of Complexity in Nature: Entropic Nonuniqueness --

Reprinted from: Axioms 2016, 5(3), 20; doi: 10.3390/axioms5030020 1 -- Rudolf Gorenflo and Francesco Mainardi On the Fractional Poisson Process and the Discretized Stable Subordinator -- Reprinted from: Axioms 2015, 4(3), 321-344; doi: 10.3390/axioms4030321 15 -- Nicy Sebastian, Seema S. Nair and Dhannya P. Joseph -- An Overview of the Pathway Idea and Its Applications in Statistical and Physical Sciences -- Reprinted from: Axioms 2015, 4(4), 530-553; doi: 10.3390 /axioms4040530 36 -- Yuri Luchko Entropy Production Rate of a One-Dimensional Alpha-Fractional Diffusion Process Reprinted from: Axioms 2016, 5(1), 6; doi: 10.3390/axioms5010006 58 -- Shanoja R. Naik and Hans J. Haubold On the q-Laplace Transform and Related Special Functions -- Reprinted from: Axioms 2016, 5(3), 24; doi: 10.3390/axioms5030024 69 -- Konstantin V. Zhukovsky and Hari M. Srivastava Operational Solution of Non-Integer Ordinary and Evolution-Type Partial Differential Equation -- Reprinted from: Axioms 2016, 5 (4), 29; doi: 10.3390/axioms5040029 85 -- Konstantin Zhukovsky Operational Approach and Solutions of Hyperbolic Heat Conduction Equations -- Reprinted from: Axioms 2016, 5(4), 28; doi: 10.3390 /axioms5040028 106 -- Ram K. Saxena and Rakesh K. Parmar Fractional Integration and Differentiation of the Generalized Mathieu Series -- Reprinted from: Axioms 2017, 6(3), 18; doi: 10.3390 /axioms6030018 132 -- Kai Liu, YangQuan Chen and Xi Zhang An Evaluation of ARFIMA (Autoregressive Fractional Integral Moving Average) Programs -- Reprinted from: Axioms 2017, 6(2), 16; doi: 10.3390/axioms6020016 143 -- Pushpa Narayan Rathie, Paulo Silva and Gabriela Olinto Applications of Skew Models Using Generalized Logistic Distribution -- Reprinted from: Axioms 2016, 5(2), 10; doi: 10.3390/axioms5020010 159 -- Serge B. Provost Closed-Form Representations of the Density Function and Integer Moments of the Sample Correlation Coefficient -- Reprinted from: Axioms 2015, 4(3), 268-274; doi:10.3390/axioms4030268 185 -- Seemon Thomas On some Integral Representations of Certain G-Functions Reprinted from: Axioms 2016, 5(1), 1; doi: 10.3390/axioms5010001 191 -- Thomas Ernst On Elliptic and Hyperbolic Modular Functions and the Corresponding Gudermann Peeta Functions -- Reprinted from: Axioms 2015, 4(3), 235-253; doi: 10.3390/axioms4030235 196 -- Dilip Kumar Some Aspects of Extended Kinetic Equation -- Reprinted from: Axioms 2015, 4(3), 412-422; doi: 10.3390/axioms4030412 213 -- Seema S. Nair An Overview of Generalized Gamma Mittag-Leffler Model and Its Applications Reprinted from: Axioms 2015, 4(3), 365-384; doi: 10.3390/axioms4030365 222 -- Nicy Sebastian Limiting Approach to Generalized Gamma Bessel Model via Fractional Calculus and Its Applications in Various Disciplines Reprinted from: Axioms 2015, 4(3), 385-399; doi: 10.3390/axioms4030385 239 -- Dhannya P. Joseph Multivariate Extended Gamma Distribution -- Reprinted from: Axioms 2017, 6(2), 11; doi: 10.3390/axioms6020011 252 Hans J. Haubold and Arak M. Mathai Scientific Endeavors of A.M. Mathai: An Appraisal on the Occasion of his Eightieth Birthday, 28 April 2015 -- Reprinted from: Axioms 2015, 4(3), 213-234; doi: 10.3390/axioms4030213 264.

Sommario/riassunto

Historically, the notion of entropy emerged in conceptually very distinct contexts. This book deals with the connection between entropy, probability, and fractional dynamics as they appeared, for example, in solar neutrino astrophysics since the 1970's (Mathai and Rathie 1975, Mathai and Pederzoli 1977, Mathai and Saxena 1978, Mathai, Saxena, and Haubold 2010). The original solar neutrino problem, experimentally and theoretically, was resolved through the discovery of neutrino oscillations and was recently enriched by neutrino entanglement entropy. To reconsider possible new physics of solar

neutrinos, diffusion entropy analysis, utilizing Boltzmann entropy, and standard deviation analysis was undertaken with Super-Kamiokande solar neutrino data. This analysis revealed a non-Gaussian signal with harmonic content. The Hurst exponent is different from the scaling exponent of the probability density function and both Hurst exponent and scaling exponent of the Super-Kamiokande data deviate considerably from the value of 1/2, which indicates that the statistics of the underlying phenomenon is anomalous. Here experiment may provide guidance about the generalization of theory of Boltzmann statistical mechanics. Arguments in the so-called Boltzmann-Planck-Einstein discussion related to Planck's discovery of the black-body radiation law are recapitulated mathematically and statistically and emphasize from this discussion is pursued that a meaningful implementation of the complex 'entropy-probability-dynamics' may offer two ways for explaining the results of diffusion entropy analysis and standard deviation analysis. One way is to consider an anomalous diffusion process that needs to use the fractional space-time diffusion equation (Gorenflo and Mainardi) and the other way is to consider a generalized Boltzmann entropy by assuming a power law probability density function. Here new mathematical framework, invented by sheer thought, may provide guidance for the generalization of Boltzmann statistical mechanics. In this book Boltzmann entropy, generalized by Tsallis and Mathai, is considered. The second one contains a varying parameter that is used to construct an entropic pathway covering generalized type-1 beta, type-2 beta, and gamma families of densities. Similarly, pathways for respective distributions and differential equations can be developed. Mathai's entropy is optimized under various conditions reproducing the well-known Boltzmann distribution, Raleigh distribution, and other distributions used in physics. Properties of the entropy measure for the generalized entropy are examined. In this process the role of special functions of mathematical physics, particularly the H-function, is highlighted.

3. Record Nr. UNINA9910409834603321

Autore	Elstner Samuel
Titolo	Starterkit Klinikalltag : mit Schwerpunkt Psychiatrie / / Albert Diefenbacher, Samuel Elstner, Christoph Schade
Pubbl/distr/stampa	Berlin, : MWV Medizinisch Wissenschaftliche Verlagsgesellschaft, 2015 [s.l.] : , : MWV Medizinisch Wissenschaftliche Verlagsgesellschaft, , 2015
Descrizione fisica	1 online resource (1 p.)
Soggetti	Medical / Psychiatry Medicine
Lingua di pubblicazione	Tedesco
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Sie stehen kurz vor Ihrem Berufsstart als junge Arztin oder junger Arzt oder haben schon erste Erfahrungen gesammelt? Sicherlich ist Ihnen klar: Wie in kaum einer anderen Disziplin steigen Sie mit einem gewaltigen Fundament an theoretischem Wissen in Ihren Berufsalltag ein. Dieser wird Ihnen jedoch daruber hinaus weit mehr abverlangen: eine effiziente arztliche Selbstorganisation, ein Hochstmaß an kommunikativen Fertigkeiten im Umgang mit Patienten, Kollegen und Vorgesetzten und nicht zuletzt Fuhrungs- und Managementfahigkeiten. Moglichweise bringen Sie diese wichtigen Voraussetzungen aber nicht mit, weil das Studium Sie darauf nicht vorbereitet hat. Dann laufen Sie Gefahr, im emotionalen und organisatorischen Dickicht der Anfangszeit Ihre Kraft gar nicht auf die eigentlichen klinischen Aufgaben konzentrieren zu konnen. Das Starterkit Klinikalltag vermittelt Ihnen die richtigen Kenntnisse zum Berufsstart - abseits der meisten Studieninhalte und Lehrbucher: Wie organisiere ich meinen Arztalltag? Was mache ich bei Uberforderung oder Krisen? Wie finde ich meine Rolle im Stationsteam und gegenuber Vorgesetzten und Kollegen? Wie nutze ich Intuition, Kommunikation und Kooperation und bereite mich auf den Umgang mit Gewalt, Suizid oder Sucht vor? Zwangslaufig liegt durch diese Fragen ein Schwerpunkt auf den psychiatrischen

Herausforderungen des Arztberufes. Die Autoren, naturlich auch ehemalige Berufsanfanger, bereiten Sie auf die spannende Tatigkeit mit Patienten und allen anderen an der Organisation eines Krankenhauses Beteiligten so vor, dass Ihre Motivation keinen Schaden nimmt und Sie von Anfang an mit Freude dem Arztberuf nachgehen konnen.