Enrico G De Giorgi

?Since 2001 the Scuola Normale Superiore di Pisa has organized the "Colloquio De Giorgi", a series of colloquium talks named after Ennio De Giorgi. The Colloquio is addressed to a general mathematical audience, and especially meant to attract graduate students and advanced undergraduate students. The lectures are intended to be not too technical, in fields of wide interest. They must provide an overview of the general topic, possibly in a historical perspective, together with a description of more recent progress. The idea of collecting the materials from these lectures and publishing them in annual volumes came out recently, as a recognition of their intrinsic mathematical interest, and also with the aim of preserving memory of these events.

Also available online as part of the Gale Virtual Reference Library under the title Complete dictionary of scientific biography.

This volume, the sixth of the series, represents the natural counterpart of the previous volume, Ultra structure of the Digestive Tract. Unlike the latter, however, whose contents fell entirely within the domains of gastroenterology, Ultrastructure of the Extraparietal Glands of the Digestive Tract encom passes a few cognate sciences, such as hepatology, pancreatology, and even oral biology, which are usually dealt with separately. This allows, starting from cell biology, embryology, and comparative anatomy, a comprehensive survey of organs that have much in common both structurally and functionally. The chapters of this book have been compiled by well-known experts in the field with the aim not only of reviewing and pointing out the state of the art of the subject covered, but also of giving directions for future work. Furthermore, through the integration of electron microscopy with immunocytochemistry, autoradiography, freeze fracture, maceration, enzymatic digestion, etc., and by providing superb illus trative material, the authors substantiate the pivotal role played by modern morphology in under standing human physiology and pathology. In fact, it must be stressed, that a consistent part of the tissues studied here are from human origin. We believe that this volume should be read, not only by scientists and teachers active in the field, but also by a larger audience of students and professionals interested in knowing the scientific foundations of biomedicine.

An essential framework for wealth management using behavioral finance Behavioral Finance for Private Banking provides a complete framework for wealth management tailored to the unique needs of each client. Merging behavioral finance with private banking, this framework helps you gain a greater understanding of your client's wants, needs, and perspectives to streamline the decision making process. Beginning with the theoretical foundations of investment decision making and behavioral biases, the discussion delves into cultural differences in global business and asset allocation over the life cycle of the investment to help you construct a wealth management strategy catered to each individual's needs. This new second edition has been updated to include coverage of fintech and neurofinance, an extension of behavioral finance that is beginning to gain traction in the private banking space. Working closely with clients entails deep interpersonal give and take. To be successful, private banking professionals must be as well-versed in behavioral psychology as they are in finance; this intersection is the heart of behavioral finance, and this book provides essential knowledge that can help you better serve your clients' needs. Understand the internal dialogue at work when investment decisions are made Overcome the most common behavioral biases—and watch for your own Learn how fintech and neurofinance impact all aspects of private banking Set up a structured wealth management process that places the client's needs front and center Private banking clients demand more than just financial expertise. They want an advisor who truly understands their needs, and can develop and execute the kind of strategy that will help them achieve their goals. Behavioral Finance for Private Banking provides a complete framework alongside insightful discussion to help you become the solution your clients seek. Awa is a young African girl who discovers the power of numbers to change the life of her village. But things aren't as easy as they seem...

Wer sich in Deutschland mit dem Thema Börse beschäftigt, kommt an Beate Sander nicht vorbei: Deutschlands berühmteste Aktionärin kaufte mit 59 Jahren ihre erste Aktie, entwickelte eine eigene Börsenstrategie und machte aus 30.000 Euro Starkapital fast 3 Millionen. Viele ihrer zahlreichen Börsenratgeber wurden Bestseller. Sie selbst war gefragter Interviewgast im In- und Ausland. Dennoch blieb die "Börsenoma" im Herzen immer denen ganz nah, für die sie ihre Bücher schrieb: Leute mit kleinem oder mittlerem Einkommen, denen sie Mut machte, den ersten Schritt in Richtung Börse zu wagen. Doch auch sonst war sie für viele ein echtes Vorbild. Am Ende ihres Lebens beeindruckte sie die Menschen durch ihren souveränen Umgang mit ihrer unheilbaren Krebserkrankung und ihrem angstfreien Blick auf den eigenen Tod. Beate Sander hatte in ihrem Leben etliche Kämpfe auszufechten: Ihre Kindheit war geprägt von Nächten im Luftschutzkeller, einer Mutter, die sie ablehnte, weil sie den weiblichen Rollenklischees nicht entsprach, ihrer Flucht aus der DDR. Später ihr schwieriger Weg ohne Abitur über Begabtenprüfungen hin zur leidenschaftlichen Lehrerin. Dabei wird klar, dass sie uns weit mehr als nur Börsenwissen zu vermitteln hat. Wie man Risiken richtig abschätzt, gute Entscheidungen trifft, seinem Glück auf die Sprünge hilft und in Krisen nicht den Kopf verliert – all das sind Dinge, die wir von der "Börsenoma" lernen können.

This volume contains contributions from the INdAM School on Symmetry for Elliptic PDEs, which was held May 25-29, 2009, in Rome, Italy. The school marked ""30 years after a conjecture of De Giorgi, and related problems"" and provided an opportunity for experts to discuss the state of the art and open questions on the subject. Motivated by the classical rigidity properties of the minimal surfaces, De Giorgi proposed the study of the one-dimensional symmetry of the monotone solutions of a semilinear, elliptic partial differential equation. Impressive advances have recently been made in this field, though many problems still remain open. Several generalizations to more complicated operators have attracted the attention of pure and applied mathematicians, both for their important theoretical problems and for their relation, among others, with the gradient theory of phase transitions and the dynamical systems.|This volume contains contributions from the INdAM School on Symmetry for Elliptic PDEs, which was held May 25-29, 2009, in Rome, Italy. The school marked ""30 years after a conjecture of De Giorgi, and related problems"" and provided an opportunity for experts to discuss the state of the art and open questions on the subject. Motivated by the classical rigidity properties of the minimal surfaces, De Giorgi proposed the study of the one-dimensional symmetry of the monotone solutions of a semilinear, elliptic partial differential equation. Impressive advances have recently been made in this field, though many problems still remain open. Several generalizations to more complicated operators have attracted the attention of pure and applied mathematicians, both for their important theoretical problems and for their relation, among others, with the gradient theory of phase transitions and the dynamical systems.

Steps forward in mathematics often reverberate in other scientific disciplines, and give rise to innovative conceptual developments or find surprising technological applications. This volume brings to the forefront some of the proponents of the mathematics of the twentieth century, who have put at our disposal new and powerful instruments for investigating the reality around us. The portraits present people who have impressive charisma and wide-ranging cultural interests, who are passionate about defending the importance of their own research, are sensitive to beauty, and attentive to the social and political problems of their times. What we

have sought to document is mathematics' central position in the culture of our day. Space has been made not only for the great mathematicians but also for literary texts, including contributions by two apparent interlopers, Robert Musil and Raymond Queneau, for whom mathematical concepts represented a valuable tool for resolving the struggle between 'soul and precision.' MathematicsLoss Aversion with a State-dependent Reference PointCAPM Equilibria with Prospect Theory PreferencesBehavioral Finance for Private BankingFrom the Art of Advice to the Science of AdviceJohn Wiley & Sons

This book explains how investor behavior, from mental accounting to the combustible interplay of hope and fear, affects financial economics. The transformation of portfolio theory begins with the identification of anomalies. Gaps in perception and behavioral departures from rationality spur momentum, irrational exuberance, and speculative bubbles. Behavioral accounting undermines the rational premises of mathematical finance. Assets and portfolios are imbued with "affect." Positive and negative emotions warp investment decisions. Whether hedging against intertemporal changes in their ability to bear risk or climbing a psychological hierarchy of needs, investors arrange their portfolios and financial affairs according to emotions and perceptions. Risk aversion and life-cycle theories of consumption provide possible solutions to the equity premium puzzle, an iconic financial mystery. Prospect theory has questioned the cogency of the efficient capital markets hypothesis. Behavioral portfolio theory arises from a psychological account of security, potential, and aspiration.

A complete framework for applications of behavioral finance in private banking, Behavioural Finance for Private Banking considers client needs specific to private banking like personal circumstances, objectives, and attitude to risk. This book includes the theoretical foundations of investment decision-making, an introduction to behavioral biases, an explanation of cultural differences in global business, a guide to asset allocation over the life cycle of the investment, and several case studies to illustrate how can be applied. A must-read for anyone in private banking, this book demonstrates how to satisfy client needs.

This book provides a comprehensive discussion on the existence and regularity of minima of regular integrals in the calculus of variations and of solutions to elliptic partial differential equations and systems of the second order. While direct methods for the existence of solutions are well known and have been widely used in the last century, the regularity of the minima was always obtained by means of the Euler equation as a part of the general theory of partial differential equations. In this book, using the notion of the quasi-minimum introduced by Giaquinta and the author, the direct methods are extended to the regularity of the minima of functionals in the calculus of variations, and of solutions to partial differential equations. This unified treatment offers a substantial economy in the assumptions, and permits a deeper understanding of the nature of the regularity and singularities of the solutions. The book is essentially self-contained, and requires only a general knowledge of the elements of Lebesgue integration theory. Contents: Semi-Classical Theory; Measurable Functions; Sobolev Spaces; Convexity and Semicontinuity; Quasi-Convex Functionals; Quasi-Minima; HAlder Continuity; First Derivatives; Partial Regularity; Higher Derivatives. Readership: Graduate students, academics and researchers in the field of analysis and differential equations."

This biography illuminates the life of Ennio De Giorgi, a mathematical genius in parallel with John Nash, the Nobel Prize Winner and protagonist of A Beautiful Mind. Beginning with his childhood and early years of research, into his solution of the 19th problem of Hilbert and his professorship, this book pushes beyond De Giorgi's rich contributions to the mathematics community, to present his work in human rights, including involvement in the fight for Leonid Plyushch's freedom and the defense of dissident Uruguayan mathematician José Luis Massera. Considered by many to be the greatest Italian analyst of the twentieth century, De Giorgi is described in this volume in full through documents and direct interviews with friends, family, colleagues, and former students.