Book Of Abstracts Of The 46th Annual Meeting Of

This publication contains a survey of female abstract expressionist artists, revealing the richness and lasting influence of their work and the movement as a whole as well as highlighting the lack of critical attention they have received to date. Lose yourself in this Adult Coloring Book with new abstract designs to suit all patience levels. Great for stress, meditation or simply for fun, you will spend hours coloring these pages whilst getting creative with your colors and watching your art come to life.The book is nicely designed and is a good size coloring book measuring 8.5" x 11" so there's plenty of space to color in each design. The papeer is very good quality and the there are easy patterns, medium intensity patterns and a few slightly more challenging patterns so you can choose what you fancy dependent on your mood (or stress levels). This is a great little coloring book for grownups who still love to doodle.Try it for yourself and watch your worries dissolve as you escape into the pages of this adult coloring book - great abstract designs, simple to look at yet stunning when completed. Order your copy today.

Book of Abstracts of the 72nd Annual Meeting of the European Federation of Animal ScienceDavos, Switzerland, 30 August - 3 September 2021

Abstract Algebra: Theory and Applications is an open-source textbook that is designed to teach the principles and theory of abstract algebra to college juniors and seniors in a rigorous manner. Its strengths include a wide range of exercises, both computational and theoretical, plus many non-trivial applications. The first half of the book presents group theory, through the Sylow theorems, with enough material for a semester-long course. The second half is suitable for a second semester and presents rings, integral domains, Boolean algebras, vector spaces, and fields, concluding with Galois Theory.

She never thought a cancer diagnosis would lead her to love . . .Call them what you will. Breasts, boobs, jugs, melons, honkers, hooters, cans.I was never one of those women who was going to be defined by the size of my boobs. But at the thought of losing them to cancer at age twenty-four, suddenly they are front and center. So to speak.So, now I live my life by the numbers. Ninety-three-the percent chance I will survive the five-year mark. Thirteen-the number of cycles of chemotherapy I must endure. Sixty-five-the percent chance I will lose my hair.But the day he walks in for chemo is the day my world changes.He single-handedly takes one of the scariest things either of us has ever faced in life and makes it better ... tolerable ... dare I even say ... fun. He's unlike any man I've ever known. Generous, witty, talented, and smart. He has vision-vision that for some inexplicable reason, we seem to share through the paintings of his abstract art.What we share, however, seems to go beyond cancer and art. And we soon come to find we have a connection much deeper than either of us can begin to comprehend.

The Statistical Abstract of the United States is the best known statistical reference. As a comprehensive collection of statistics on the social, political, and economic conditions of the country, it is a snapshot of America and its people. It includes over 1,400 tables from hundreds of sources.

This Book of Abstracts is the main publication of the 71st Annual Meeting of the European Federation of Animal Science (EAAP). It contains abstracts of the invited papers and contributed presentations of the sessions of EAAP's eleven Commissions: Animal Genetics, Animal Nutrition, Animal Management and Health, Animal Physiology, Cattle Production, Sheep and Goat Production, Pig Production, Horse Production and Livestock Farming Systems, Insects and Precision Livestock Farming.

The Beginner's Guide to Abstract Art is an inspirational but practical book that will help artists to paint in a less figurative way. Laura Reiter demonstrates different ways to approach an abstract painting from 'just a little bit abstract' to 'completely abstract'. She does this by focussing on ideas and themes as starting points, looking at the creative processes involved and more unusual techniques. Laura Reiter also covers how to use materials creatively - watercolour, acrylics, mixed media and collage - and how to experiment with colour and composition. There is also details on texture, simple printing, mark making, colour and its meaning, and sources of inspiration. Several projects are included, and, in addition to Laura's vibrant, colourful paintings, the work of several other contemporary abstract artists is featured. Previously published in hardback as Painting Accessible Abstracts.

Despite their changing role, abstracts remain useful in the digital world. Highly beneficial to information professionals and researchers who work and publish in different fields, this book summarizes the most important and up-to-date theory of abstracting, as well as giving advice and examples for the practice of writing different kinds of abstracts. The book discusses the length, the functions and basic structure of abstracts, outlining a new approach to informative and indicative abstracts. The abstractors' personality, their linguistic and non-linguistic knowledge and skills are also discussed with special attention. Despite the relatively large number of textbooks on the topic there is no up-to-date book on abstracting in the English language In addition to providing a comprehensive coverage of the topic, the proposed book contains novel views - especially on informative and indicative abstracts The discussion is based on an interdisciplinary approach, blending the methods of library and information science and linguistics

A self-contained introduction to abstract interpretation–based static analysis, an essential resource for students, developers, and users. Static program analysis, or static analysis, aims to discover semantic properties of programs without running them. It plays an important role in all phases of development, including verification of specifications and programs, the synthesis of optimized code, and the refactoring and maintenance of software applications. This book offers a self-contained introduction to static analysis, covering the basics of both theoretical foundations and practical considerations in the use of static analysis tools. By offering a quick and comprehensive introduction for nonspecialists, the book fills a notable gap in the literature, which until now has consisted largely of scientific articles on advanced topics. The text covers the mathematical foundations of static analysis, including semantics, semantic abstraction, and computation of program invariants; more advanced notions and techniques, including techniques for enhancing the cost-accuracy balance of analysis and abstractions for advanced programming features and answering a wide range of semantic questions; and techniques for implementing and using static analysis tools. It begins with background information and an intuitive and informal introduction to the main static analysis principles and techniques. It then formalizes the scientific foundations of program analysis techniques, considers practical aspects of implementation, and presents more advanced applications. The book can be used as a textbook in advanced undergraduate and graduate

courses in static analysis and program verification, and as a reference for users, developers, and experts.

During the quarter century between 1945 and 1970, Americans crafted a new manner of living that shaped and reshaped how residential builders designed and marketed millions of detached single-family suburban houses. The modest two- and three-bedroom houses built immediately following the war gave way to larger and more sophisticated houses shaped by casual living, which stressed a family's easy sociability and material comfort and were a major element in the cohesion of a greatly expanded middle class. These dwellings became the basic building blocks of explosive suburban growth during the postwar period, luring families to the metropolitan periphery from both crowded urban centers and the rural hinterlands. Detached America is the first book with a national scope to explore the design and marketing of postwar houses. James A. Jacobs shows how these houses physically document national trends in domestic space and record a remarkably uniform spatial evolution that can be traced throughout the country. Favorable government policies, along with such widely available print media as trade journals, home design magazines, and newspapers, permitted builders to establish a strong national presence and to make a more standardized product available to prospective buyers everywhere. This vast and long-lived collaboration between government and business—fueled by millions of homeowners—established the financial mechanisms, consumer framework, domestic ideologies, and architectural precedents that permanently altered the geographic and demographic landscape of the nation.

Introduction to abstract interpretation, with examples of applications to the semantics, specification, verification, and static analysis of computer programs. Formal methods are mathematically rigorous techniques for the specification, development, manipulation, and verification of safe, robust, and secure software and hardware systems. Abstract interpretation is a unifying theory of formal methods that proposes a general methodology for proving the correctness of computing systems, based on their semantics. The concepts of abstract interpretation underlie such software tools as compilers, type systems, and security protocol analyzers. This book provides an introduction to the theory and practice of abstract interpretation, offering examples of applications to semantics, specification, verification, and static analysis of programming languages with emphasis on calculational design. The book covers all necessary computer science and mathematical concepts--including most of the logic, order, linear, fixpoint, and discrete mathematics frequently used in computer science--in separate chapters before they are used in the text. Each chapter offers exercises and selected solutions. Chapter topics include syntax, parsing, trace semantics, properties and their abstraction, fixpoints and their abstractions, reachability semantics, abstract domain and abstract interpreter, specification and verification, effective fixpoint approximation, relational static analysis, and symbolic static analysis. The main applications covered include program semantics, program specification and verification, program dynamic and static analysis of numerical properties and of such symbolic properties as dataflow analysis, software model checking, pointer analysis, dependency, and typing (both for forward and backward analysis), and their combinations. Principles of Abstract Interpretation is suitable for classroom use at the graduate level and as a reference for researchers and practitioners.

A concise, easy-to-read source of essential tips and skills for writing research papers and career management In order to be truly successful in the biomedical professions, one must have excellent communication skills and networking abilities. Of equal importance is the possession of sufficient clinical knowledge, as well as a proficiency in conducting research and writing scientific papers. This unique and important book provides medical students and residents with the most commonly encountered topics in the academic and professional lifestyle, teaching them all of the practical nuances that are often only learned through experience. Written by a team of experienced professionals to help guide younger researchers, A Guide to the Scientific Career: Virtues, Communication, Research and Academic Writing features ten sections composed of seventy-four chapters that cover: qualities of research scientists; career satisfaction and its determinants; publishing in academic medicine; assessing a researcher's scientific productivity and scholarly impact; manners in academics; communication skills; essence of collaborative research; dealing with manipulative people; writing and scientific misconduct: ethical and legal aspects; plagiarism; research regulations, proposals, grants, and practice; publication and resources; tips on writing every type of paper and report; and much more. An easy-to-read source of essential tips and skills for scientific research Emphasizes good communication skills, sound clinical judgment, knowledge of research methodology, and good writing skills Offers comprehensive guidelines that address every aspect of the medical student/resident academic and professional lifestyle Combines elements of a career-management guide and publication guide in one comprehensive reference source Includes selected personal stories by great researchers, fascinating writers, inspiring mentors, and extraordinary clinicians/scientists A Guide to the Scientific Career: Virtues, Communication, Research and Academic Writing is an excellent interdisciplinary text that will appeal to all medical students and scientists who seek to improve their writing and communication skills in order to make the most of their chosen career.

Relax and unleash your creative muscles with this modern abstract shapes coloring book. Inside you'll find 50 contemporary abstract artist line drawings for you to color in and fill with your unique designs and patterns. Let your imagination run wild as you pick your color palettes and create your own masterpiece. Each two page spread includes one blank page on the left and the design for you to color on the right - use the empty pages to explore color combinations, pattern possibilities or for your own doodles.Perfect for kids and adults, this coloring book is conveniently sized at 6 x 9" with 102 pages for creativity on the go and has a simply-designed black and white matte softcover. Also, makes a thoughtful gift for aspiring artists and anyone looking to relieve stress and relax.

?A research monograph providing a synthesis of old research on the foundations of dynamic programming, with the modern theory of approximate dynamic programming and new research on semicontractive models. It aims at a unified and economical development of the core theory and algorithms of total cost sequential decision problems, based on the strong connections of the subject with fixed point theory. The analysis focuses on the abstract mapping that underlies dynamic programming and defines the mathematical character of the associated problem. The discussion centers on two fundamental properties that this mapping may have: monotonicity and (weighted sup-norm) contraction. It turns out that the nature of the analytical and algorithmic DP theory is determined primarily by the presence or absence of these two properties, and the rest of the problem's structure is largely inconsequential. New research is focused on two areas: 1) The ramifications of these properties in the context of algorithms for approximate dynamic programming, and 2) The new class of semicontractive models, exemplified by stochastic shortest path problems, where some but not all policies are contractive. The 2nd edition aims primarily to amplify the presentation of the semicontractive models of Chapter 3 and Chapter 4 of the first (2013) edition, and to supplement it with a broad spectrum of research results that I obtained and published in journals and reports since the first edition was written (see below). As a result, the size of this material more than doubled, and the size of the book increased by nearly 40%. The book is an excellent supplement to several of our books: Dynamic Programming and Optimal Control (Athena Scientific, 2017), and Neuro-Dynamic Programming (Athena Scientific, 1996).

Constraint Programming aims at solving hard combinatorial problems, with a computation time increasing in practice exponentially. The methods are today efficient enough to solve large industrial problems, in a generic framework. However, solvers are dedicated to a single variable type: integer or real. Solving mixed problems relies on ad hoc transformations. In another field, Abstract Interpretation offers tools to prove program properties, by studying an abstraction of their concrete semantics, that is, the set of possible values of the variables during an execution. Various representations for these abstractions have been proposed. They are called abstract domains. Abstract domains can mix any type of variables, and even represent relations between the variables. In this work, we define abstract domains for Constraint Programming, so as to build a generic solving method, dealing with both integer and real variables. We also study the octagons abstract domain, already defined in Abstract Interpretation. Guiding the search by the octagonal relations, we obtain good results on a continuous

benchmark. We also define our solving method using Abstract Interpretation techniques, in order to include existing abstract domains. Our solver, AbSolute, is able to solve mixed problems and use relational domains. Exploits the over-approximation methods to integrate AI tools in the methods of CP Exploits the relationships captured to solve continuous problems more effectively Learn from the developers of a solver capable of handling practically all abstract domains

Splatter, stamp, scrape, repeat. A quick-start guide to beautifully layered and textured abstracts! While there are many approaches to painting abstract art, Jodi Ohl's philosophy is to simply start. In this book, the successful, self-taught artist helps you "dive in with an open mind and fearless heart." Everything inside is geared toward kick-starting your creativity: • An exciting series of 22 fun-to-follow, step-by-step projects. • A tantalizing variety of approaches and inspirations for applying and manipulating paint, crayons, pencils, ink, paper, photos and more. • Quick and loose exercises for building a library of ideas, color palettes, patterns and designs to use in future paintings. • Loads of practical advice, including how to stock your studio without going broke, the five must-haves mediums, and how to finish and protect your artwork. For beginners eager to get to the "good stuff" and for artists looking to expand their repertoire, it just doesn't get any better. Every action-packed page will have you trying something new and pushing your boundaries! Make marbled acrylic skins * Add a stain * Discover instant gratification with Yupo paper * Achieve the wonderfully aged look of image transfers * Play with graffiti-style art * Experiment with gel mediums * Incorporate non-commercial add-ins like eggshells and netting * Create incredible abstract landscapes and cityscapes * And so much more!

Excellent textbook provides undergraduates with an accessible introduction to the basic concepts of abstract algebra and to the analysis of abstract algebraic systems. Features many examples and problems.

This Book of Abstracts is the main publication of the 70th Annual Meeting of the European Federation of Animal Science (EAAP). It contains abstracts of the invited papers and contributed presentations of the sessions of EAAP's eleven Commissions: Animal Genetics, Animal Nutrition, Animal Management and Health, Animal Physiology, Cattle Production, Sheep and Goat Production, Pig Production, Horse Production and Livestock Farming Systems, Insects and Precision Livestock Farming.

The Statistical Abstract of the United States is the best known statistical reference. As a comprehensive collection of statistics on the social, political, and economic conditions of the country, it is a snapshot of America and its people. It includes over 1,400 tables from hundreds of sources. The 2021 edition includes several new tables including: Internet Crime Complaints--Victims and Value of Loss by Crime Type: 2017 to 2019 Youth and Adult Vaccinations by Selected Type: 2010 to 2018 Cancer Incidence for Total and Top 5 Cancers by State: 2016 Top Metropolitan Areas with the Largest Number of Workers in Science and Engineering Occupations: 2017 Federal Arrests for Immigration Offenses by Sex, Age, Citizenship Status, and Country and World Region of Citizenship: 1998 to 2018 Resident Population Projections and Components of Change Under High, Low, and Zero Immigration Scenarios: 2025 to 2060 Net Migration by Country: 2000 to 2019 Foreign Currency Exchange Rates by Country: 2014 to 2019 Medicaid Benefit Spending by Service Category: 2014 to 2018 Murder Victims--Circumstances and Weapons Used or Cause of Death: 2000 to 2018 Murder Victims by Age, Sex, and Race/Ethnicity: 2018 Yoga, Meditation, and Chiropractor Use Among Children and Adults: 2017 Health Insurance Coverage Status by Selected Characteristics: 2018 People Without Health Insurance for the Entire Year by Age, Sex, Race/Ethnicity, and Marital Status: 2017 and 2018 Selected Service Industries Revenue--Total and from Electronic Sources: 2017 and 2018

"An inquisitive opposites book featuring original abstract artwork"--

"Few aspects of daily existence are untouched by technology. Learning and teaching music are no exceptions and arguably have been impacted as much or more than other areas of life. Digital technologies have come to affect music learning and teaching in profound ways, influencing how we create, listen, share, consume, and interact with music--and conceptualize musical practices and the musical experience. For a discipline as entrenched in tradition as music education, this has brought forth myriad views on what does and should constitute music learning and teaching. To tease out and elucidate some of the salient problems, interests, and issues, The Oxford Handbook of Technology and Music Education critically situates technology in relation to music education from a variety of perspectives--historical, philosophical, socio-cultural, pedagogical, musical, economic, policy--organized around four broad themes: Emergence and Evolution; Locations and Contexts: Social and Cultural Issues; Experiencing, Expressing, Learning and Teaching; and Competence, Credentialing, and Professional Development. Chapters from a highly diverse group of junior and senior scholars provide analyses of technology and music education through intersections of gender, theoretical perspective, geographical distribution, and relationship to the field. The Oxford Handbook of Technology and Music Education's dedication to diversity and forward-facing discussion promotes contrasting perspectives and conversational voices rather than reinforce traditional narratives and prevailing discourses."-- $c Book jacket.

This volume contains extended abstracts outlining selected presentations delivered by participants of the joint international multidisciplinary workshop MURPHYS-HSFS-2018 (MUltiRate Processes and HYSteresis; Hysteresis and Slow-Fast Systems), dedicated to the mathematical theory and applications of the multiple scale systems, the systems with hysteresis and general trends in the dynamical systems theory. The workshop was jointly organized by the Centre de Recerca Matemàtica (CRM), Barcelona, and the Collaborative Research Center 910, Berlin, and held at the Centre de Recerca Matemàtica in Bellaterra, Barcelona, from May 28th to June 1st, 2018. This was the ninth workshop continuing a series of biennial meetings started in Ireland in 2002, and the second workshop of this series held at the CRM. Earlier editions of the workshops in this series were held in Cork, Pechs, Suceava, Lutherstadt and Berlin. The collection includes brief research articles reporting new results, descriptions of preliminary work, open problems, and the outcome of work in groups initiated during the workshop. Topics include analysis of hysteresis phenomena, multiple scale systems, self-organizing nonlinear systems, singular perturbations and critical phenomena, as well as applications of the hysteresis and the theory of singularly perturbed systems to fluid dynamics, chemical kinetics, cancer modeling, population modeling, mathematical economics, and control. The book is intended for established researchers, as well as for PhD and postdoctoral students who want to learn more about the latest advances in these highly active research areas.

This Book of Abstracts is the main publication of the 55th Annual Meeting of the European Association for Animal Production (EAAP) held in Bled, Slovenia, on 5-9 September 2004. It contains abstracts of the invited papers and contributed presentations. The meeting addressed subjects relating to science and innovation, but in Bled the main theme is "Sustainability of Livestock Systems". Also, important problems were discussed during the sessions of EAAP's nine Commissions: Animal Genetics, Animal Nutrition, Animal Management and Health, Animal Physiology, Livestock Farming Systems, Cattle Production, Sheep and Goat Production, Pig Production and Horse Production. In addition joint sessions on topics interesting several disciplines and species were included in the programme. A total of 2843 authors (741 abstracts) contributed to this publication.

Abstract analysis, and particularly the language of normed linear spaces, now lies at the heart of a major portion of modern mathematics. Unfortunately, it is also a subject which students seem to find quite challenging and difficult. This book presumes that the student has had a first course in mathematical analysis or advanced calculus, but it does not presume the student has achieved mastery of such a course. Accordingly, a gentle introduction to the basic notions of convergence of sequences, continuity of functions, open and closed set, compactness, completeness and separability is given. The pace in the early chapters does not presume in any way that the readers have at their fingertips the techniques provided by an introductory course. Instead, considerable care is taken to introduce and use the basic methods of proof in a slow and explicit fashion. As the chapters progress, the pace does quicken and later chapters on differentiation, linear mappings, integration and the implicit function theorem delve quite deeply into interesting mathematical areas. There are many exercises and many examples of applications of the theory to diverse areas of mathematics. Some of these applications take considerable space and time to develop, and make interesting reading in their own right. The treatment of the subject is deliberately not a comprehensive one. The aim is to convince the undergraduate reader that analysis is a stimulating, useful, powerful and comprehensible tool in modern mathematics. This book will whet the readers' appetite, not overwhelm them with material.

Today's research world demands a variety of different abstracts to serve different purposes. As a result, writing abstracts can be a difficult task for graduate and international students, researchers, and even practiced authors. Abstracts and the Writing of Abstracts is designed to demystify the construction of this essential writing form and to equip scholars with the skills to summarize their work in clear and compelling ways. This volume represents a revision and expansion of the material on writing abstracts that appeared in English in Today's Research World. The Abstracts volume focuses on abstracts for research articles before addressing abstracts for short communications, conferences, and PhD dissertations. It also covers keywords, titles, and author names. Wherever appropriate within the text, Language Focus sections discuss options and provide tips for meeting specific linguistic challenges posed by the writing of different types of abstracts.

This Book of Abstracts is the main publication of the 66th Annual Meeting of the European Federation for Animal Science 2015 in Warsaw, Poland. It contains abstracts of the invited papers and contributed presentations. The meeting addressed subjects relating to science and innovation. Important problems were also discussed during the sessions of EAAP's nine Commissions: Animal Genetics, Animal Nutrition, Animal Management and Health, Animal Physiology, Cattle Production, Sheep and Goat Production, Pig Production, Horse Production and Livestock Farming Systems.

Until President Jimmy Carter launched an effort to diversify the lower federal courts, the U.S. courts of appeals had been composed almost entirely of white males. But by 2008, over a quarter of sitting judges were women and 15 percent were African American or Hispanic. Underlying the argument made by administration officials for a diverse federal judiciary has been the expectation that the presence of women and minorities will ensure that the policy of the courts will reflect the experiences of a diverse population. Yet until now, scholarly studies have offered only limited support for the expectation that judges' race, ethnicity, or gender impacts their decision making on the bench. In Diversity Matters, Susan B. Haire and Laura P. Moyer employ innovative new methods of analysis to offer a fresh examination of the effects of diversity on the many facets of decision making in the federal appellate courts. Drawing on oral histories and data on appellate decisions through 2008, the authors' analyses demonstrate that diversity on the bench affects not only individual judges' choices but also the overall character and quality of judicial deliberation and decisions. Looking forward, the authors anticipate the ways in which these process effects will become more pronounced as a result of the highly diverse Obama appointment cohort.

This Book of Abstracts is the main publication of the 68th Annual Meeting of the European Federation of Animal Science (EAAP). It contains abstracts of the invited papers and contributed presentations of the sessions of EAAP's eleven Commissions: Animal Genetics, Animal Nutrition, Animal Management and Health, Animal Physiology, Cattle Production, Sheep and Goat Production, Pig Production, Horse Production and Livestock Farming Systems, Insects and Precision Livestock Farming.

This up-to-date introductory treatment employs the language of category theory to explore the theory of structures. Its unique approach stresses concrete categories, and each categorical notion features several examples that clearly illustrate specific and general cases. A systematic view of factorization structures, this volume contains seven chapters. The first five focus on basic theory, and the final two explore more recent research results in the realm of concrete categories, cartesian closed categories, and quasitopoi. Suitable for advanced undergraduate and graduate students, it requires an elementary knowledge of set theory and can be used as a reference as well as a text. Updated by the authors in 2004, it offers a unifying perspective on earlier work and summarizes recent developments.

Accessible but rigorous, this outstanding text encompasses all of the topics covered by a typical course in elementary abstract algebra. Its easy-to-read treatment offers an intuitive approach, featuring informal discussions followed by thematically arranged exercises. This second edition features additional exercises to improve student familiarity with applications. 1990 edition.

Abstract Painting: The Elements of Visual Language examines and articulates a vocabulary of visual elements from which you build images, abstract or otherwise. As you examine line, shape, pattern, texture, depth, and color in detail, you become more aware of the elements that make up a painting, and better able to observe your own work without judgment and self-criticism. Generously illustrated with over 200 color images, this book will open your eyes to a whole new way of seeing your paintings as they develop, allowing you to be more personally expressive and authentic in your artistic expression.

Applies applied linguistic theories to the development of materials for language learning to add new depth to the field.

This Book of Abstracts is the main publication of the 72nd Annual Meeting of the European Federation of Animal Science (EAAP). It contains abstracts of the invited papers and contributed presentations of the sessions of EAAP's eleven Commissions: Animal Genetics, Animal Nutrition, Animal Management and Health, Animal Physiology, Cattle Production, Sheep and Goat Production, Pig Production, Horse Production and Livestock Farming Systems, Insects and Precision Livestock Farming.

This Book of Abstracts is the main publication of the 69th Annual Meeting of the European Federation of Animal Science (EAAP). It contains abstracts of the invited papers and contributed presentations of the sessions of EAAP's eleven Commissions: Animal Genetics, Animal Nutrition, Animal Management and Health, Animal Physiology, Cattle Production, Sheep and Goat Production, Pig Production, Horse Production and Livestock Farming Systems, Insects and Precision Livestock Farming.

Traditional art is based on conventions of resemblance between the work and that which it is a representation "of". Abstract art, in contrast, either adopts alternative modes of visual representation or reconfigures mimetic convention. This book explores the relation of abstract art to nature (taking nature in the broadest sense—the world of recognisable objects, creatures, organisms, processes, and states of affairs). Abstract art takes many different forms, but there are shared key structural features centered on two basic relations to nature. The first abstracts from nature, to give selected aspects of it a new and extremely unfamiliar appearance. The second affirms a natural creativity that issues in new, autonomous forms that are not constrained by mimetic conventions. (Such creativity is often attributed to the power of the unconscious.) The book covers three categories: classical modernism (Mondrian, Malevich, Kandinsky, Arp, early American abstraction); post-war abstraction (Pollock, Still, Newman, Smithson, Noguchi, Arte Povera, Michaux, postmodern developments); and the broader historical and philosophical scope.

This undergraduate text presents extensive coverage of set theory, groups, rings, modules, vector spaces, and fields. It offers numerous examples, definitions, theorems, proofs, and practice exercises. 1991 edition.

When Bill James published his original Historical Baseball Abstract in 1985, he produced an immediate classic, hailed by the Chicago Tribune as the "holy book of baseball." Now, baseball's beloved "Sultan of Stats" (The Boston Globe) is back with a fully revised and updated edition for the new millennium. Like the original, The New Bill James Historical Baseball Abstract is really several books in one. The Game provides a century's worth of American baseball history, told one decade at a time, with energetic facts and figures about How, Where, and by Whom the game was played. In The Players, you'll find listings of the top 100 players at each position in the major leagues, along with James's signature stats-based ratings method called "Win Shares," a way of quantifying individual performance and calculating the offensive and defensive contributions of catchers, pitchers, infielders, and outfielders. And there's more: the Reference section covers Win Shares for each season and each player, and even offers a Win Share team comparison. A must-have for baseball fans and historians alike, The New Bill James Historical Baseball Abstract is as essential, entertaining, and enlightening as the sport itself.

Friederike Moltmann presents an original approach to philosophical issues to do with abstract objects. She focuses on natural language, and finds that reference to abstract objects such as properties, numbers, and propositions is much more restricted than is generally thought, and she offers a substantially new ontological picture.