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How to Practice Academic Medicine and Publish from Developing Countries? Write Like a Chemist **An Abstract of an Essay on the Improvement of Husbandry and Working of Mines The Professor Is In** *Introduction to Static Analysis* Writing Your Journal Article in Twelve Weeks *Research Methods in Applied Settings* **Elements of Abstract Algebra** Abstract State Machines Indexing and Abstracting in Theory and Practice **Scientist's Guide to Poster Presentations Abstract Objects** *Meanings of Abstract Art* **Reference to Abstract Objects in Discourse Abstract City Abstract Domains in Constraint Programming** *The English Review, Or, An Abstract of English and Foreign Literature* The New Bill James Historical Baseball Abstract **Education 3-13 Academic Writing Genres: Essays, Reports & Other Genres Academic Writing and Publishing** *Principles of Abstract Interpretation* **Abstract and Concrete Categories** *Writing and Publishing Scientific Papers* **Abstract Measurement Theory ˜Theœ abstract Society The Elements of Technical Writing Painting Abstract Landscapes** English for Writing Research Papers **War and Intervention in the Transnational Public Sphere Abstract Nature Shaping Written Knowledge** Revolution in the Making *On Abstract Art* **Game-laws. An abstract of an act, for granting to His Majesty, certain duties on certificates with respect to the killing of game. To which is added, a digest of the gamelaws ... Likewise, an accurate account of all the stamps now in use, etc** The SAGE Encyclopedia of Communication Research Methods The Art of Abstract Painting **Cancer Research** *Painting and Understanding Abstract Art Abstract Calculus*

The SAGE Encyclopedia of Communication Research Methods Oct 31 2019 Communication research is evolving and changing in a world of online journals, open-access, and new ways of obtaining data and conducting experiments via the Internet. Although there are generic encyclopedias describing basic social science research methodologies in general, until now there has been no comprehensive A-to-Z reference work exploring methods specific to communication and media studies. Our entries, authored by key figures in the field, focus on special considerations when applied specifically to communication research, accompanied by engaging examples from the literature of communication, journalism, and media studies. Entries cover every step of the research process, from the creative development of research topics and questions to literature reviews, selection of best methods (whether quantitative, qualitative, or mixed) for analyzing research results and publishing research findings, whether in traditional media or via new media outlets. In addition to expected entries covering the basics of theories and methods traditionally used in communication research, other entries discuss important trends influencing the future of that research, including contemporary practical issues students will face in communication professions, the influences of globalization on research, use of new recording technologies in fieldwork, and the challenges and opportunities related to studying online multi-media environments. Email, texting, cellphone video, and blogging are shown not only as topics of research but also as means of collecting and analyzing data. Still other entries delve into considerations of accountability, copyright, confidentiality, data ownership and security, privacy, and other aspects of conducting an ethical research program. Features: 652 signed entries are contained in an authoritative work spanning four volumes available in choice of electronic or print formats. Although organized A-to-Z, front matter includes a Reader's Guide grouping entries thematically to help students interested in a specific aspect of communication research to more easily locate directly related entries. Back matter includes a Chronology of the development of the field of communication research; a Resource Guide to classic books, journals, and associations; a Glossary introducing the terminology of the field; and a detailed Index. Entries conclude with References/Further Readings and Cross-References to related entries to guide students further in their research journeys. The Index, Reader's Guide themes, and Cross-References combine to provide robust search-and-browse in the e-version.

Abstract Domains in Constraint Programming Jul 21 2021 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

Abstract State Machines Feb 25 2022

Revolution in the Making Feb 02 2020 Half theWorld traces the ways in which women artists deftly transformed the language of sculpture to invent radically new forms and processes that privileged studio practice, tactility and the artist's hand. The volume seeks to identify the multiple strains of proto-feminist practices, characterized by abstraction and repetition, which rejected the singularity of the masterwork and rearranged sculptural form to be contingent upon the way the body moved around it in space. The catalogue begins in the immediate post-war era, with the first section spanning the late 1950s through the 1950s. Featuring historically important predecessors including Ruth Asawa, Lee Bontecou, Louise Bourgeois, Claire Falkenstein and Louise Nevelson, this section examines abstraction based on the human figure and the influence of the unconscious. The second section covers the decades of the 1960s and 1970s, and includes Magdalena Abakanowicz, Lynda Benglis, Heidi Bucher, Gego, François Grossen, Eva Hesse, Sheila Hicks, Marisa Merz, Mira Schendel, Michelle Stuart, Hannah Wilke, and Jackie Winsor, a generation of post-minimalist artists who ignited a revolution in their use of process-oriented materials and methods. In the 1980s and 1990s, the period explored in the third section, artists Phyllida Barlow, Isa Genzken, Cristina Iglesias, Liz Larner, Anna Maria Maiolino, Senga Nengudi, and Ursula von Rydingsvard moved beyond singular, three-dimensional objects toward architectonic works characterized by repetition, structure, and design. The final section is comprised of post-2000 works by artists Karla Black, Abigail DeVille, Sonia Gomes, Rachel Khedoori, Lara Schnitger, Shinique Smith, and Jessica Stockholder, artists who create installation-based environments, embracing domestic materials and craft as an embedded discourse.

The Professor Is In Aug 02 2022 The definitive career guide for grad students, adjuncts, post-docs and anyone else eager to get tenure or turn their Ph.D. into their ideal job Each year tens of thousands of students will, after years of hard work and enormous amounts of money, earn their Ph.D. And each year only a small percentage of them will land a job that justifies and rewards their investment. For every comfortably tenured professor or well-paid former academic, there are countless underpaid and overworked adjuncts, and many more who simply give up in frustration. Those who do make it share an important asset that separates them from the pack: they have a plan. They understand exactly what they need to do to set themselves up for success. They know what really moves the needle in academic job searches, how to avoid the all-too-common mistakes that sink so many of their peers, and how to decide when to point their Ph.D. toward other, non-academic options. Karen Kelsky has made it her mission to help readers join the select few who get the most out of their Ph.D. As a former tenured professor and department head who oversaw numerous academic job searches, she knows from experience exactly what gets an academic applicant a job. And as the creator of the popular and widely respected

advice site The Professor is In, she has helped countless Ph.D.'s turn themselves into stronger applicants and land their dream careers. Now, for the first time ever, Karen has poured all her best advice into a single handy guide that addresses the most important issues facing any Ph.D., including: - When, where, and what to publish -Writing a foolproof grant application -Cultivating references and crafting the perfect CV -Acing the job talk and campus interview -Avoiding the adjunct trap -Making the leap to nonacademic work, when the time is right The Professor Is In addresses all of these issues, and many more.

Painting and Understanding Abstract Art Jul 29 2019 Painting and Understanding Abstract Art is a practical book on how to paint abstracts but it also explains how to approach and understand abstract art. It moves the teaching of art from a doing level of painting a certain subject in a particular medium to a thinking level of 'what am I doing when I paint?' and 'what am I trying to say in this painting?' Using practical exercises with explanatory text, John Lowry develops the thinking and doing processes together and leads the reader to a greater understanding and appreciation of this most exciting art genre. Gives advice on moving from figurative painting towards abstraction, and explains the tools to abstraction - simplifying and exaggerating; eliminating curves and straights; changing colours, lines and items ; emphasising positive and negative shapes; and using contrast. Includes practical exercises to help develop your own style and understand the techniques of the masters, and offers an overview of the lives and times of artists involved in the stage-by-stage evolution from realism to abstraction. Aimed at beginners and the more experienced, and illustrated with 229 colour illustrations.

Shaping Written Knowledge Mar 05 2020 The forms taken by scientific writing help to determine the very nature of science itself. In this closely reasoned study, Charles Bazerman views the changing forms of scientific writing as solutions to rhetorical problems faced by scientists arguing for their findings. Examining such works as the early Philosophical Transactions and Newton's optical writings as well as Physical Review, Bazerman views the changing forms of scientific writing as solutions to rhetorical problems faced by scientists. The rhetoric of science is, Bazerman demonstrates, an embedded part of scientific activity that interacts with other parts of scientific activity, including social structure and empirical experience. This book presents a comprehensive historical account of the rise and development of the genre, and views these forms in relation to empirical experience.

Writing Your Journal Article in Twelve Weeks May 31 2022 This book provides you with all the tools you need to write an excellent academic article and get it published.

Abstract Nature Apr 05 2020

English for Writing Research Papers Jun 07 2020 Publishing your research in an international journal is key to your success in academia. This guide is based on a study of over 1000 manuscripts and reviewers' reports revealing why papers written by non-native researchers are often rejected due to problems with English usage and poor structure and content. With easy-to-follow rules and tips, and examples taken from published and unpublished papers, you will learn how to: prepare and structure a manuscript increase readability and reduce the number of mistakes you make in English by writing concisely, with no redundancy and no ambiguity write a title and an abstract that will attract attention and be read decide what to include in the various parts of the paper (Introduction, Methodology, Discussion etc) highlight your claims and contribution avoid plagiarism discuss the limitations of your research choose the correct tenses and style satisfy the requirements of editors and reviewers This new edition contains over 40% new material, including two new chapters, stimulating factoids, and discussion points both for self-study and in-class use. EAP teachers will find this book to be a great source of tips for training students, and for preparing both instructive and entertaining lessons. Other books in the series cover: presentations at international conferences; academic correspondence; English grammar, usage and style; interacting on campus, plus exercise books and a teacher's guide to the whole series. Please visit http://www.springer.com/series/13913 for a full list of titles in the series. Adrian Wallwork is the author of more than 30 ELT and EAP textbooks. He has trained several thousand PhD students and academics from 35 countries to write research papers, prepare presentations, and communicate with editors, referees and fellow researchers.

Academic Writing Genres: Essays, Reports & Other Genres Mar 17 2021 Overview of EAP Foundation: Academic Writing Genres Students at university are expected to write in a range of forms, from essays to reports and other genres. EAP Foundation: Academic Writing Genres, part of the EAP Foundation series of books, examines frequently encountered forms of academic writing, identifying common features such as structure and language, and providing clear models, in order to scaffold learning and provide a way for students to master each one. Contents of the book The first section of the book looks in detail at essay writing, the most common genre for academic study. It begins by looking at the content and structure of a typical essay, then looks at different essay types, namely comparison and contrast, cause and effect, problem-solution, classification, argument, discussion, definition, process, exemplification, and description. The second section of the book looks at report writing, the next most common genre for academic study, beginning with an overview of report writing, followed by a detailed look at the two most common report types, namely laboratory reports and business reports. Other report types are also covered. The third section covers other genres which do not fit into the essay or report category. They are posters, reflective writing, book reviews, research proposals, and theses/dissertations. The fourth and final section considers genre elements. These are types of writing which can form part of other genres, but can also be stand-alone pieces of writing, and need looking at in detail. They are abstracts and literature reviews. About the EAP Foundation series The EAP Foundation series of books is written for students who are preparing for, or currently studying at, a Western university, including those on foundation or pre-sessional courses. The units focus on presenting practical information in a straightforward and readable manner. There are additional tips in each unit to help students perform well, and numerous 'In short' boxes which give a summary of the main points, for quick previewing and reviewing of the unit. Each unit contains a checklist, which can be used to give feedback on writing (self or peer). Each unit concludes with a range of exercises to check comprehension and deepen understanding. Full answers to exercises are provided at the end of the book. All books in the series come with free additional online resources, accessed via the code given in the Appendices. In short Whatever your course of study, this book will provide an indispensable guide to all forms of writing you will encounter.

Write Like a Chemist Oct 04 2022 Concise writing and organizational skills are stressed throughout, and "move structures" teach students conventional ways to present their stories of scientific discovery.

The Art of Abstract Painting Sep 30 2019 Focusing on creativity and self-expression, a guide to composing abstract paintings covers the aims and procedures of the abstract method and offers techniques for creating lively effects.

How to Practice Academic Medicine and Publish from Developing Countries? Nov 05 2022 This is an open access book. The book provides an overview of the state of research in developing countries – Africa, Latin America, and Asia (especially India) and why research and publications are important in these regions. It addresses budding but struggling academics in low and middle-income countries. It is written mainly by senior colleagues who have experienced and recognized the challenges with design, documentation, and publication of health research in the developing world. The book includes short chapters providing insight into planning research at the undergraduate or postgraduate level, issues related to research ethics, and conduct of clinical trials. It also serves as a guide towards establishing a research question and research methodology. It covers important concepts such as writing a paper, the submission process, dealing with rejection and revisions, and covers additional topics such as planning lectures and presentations. The book will be useful for graduates, postgraduates, teachers as well as physicians and practitioners all over the developing world who are interested in academic medicine and wish to do medical research.

The New Bill James Historical Baseball Abstract May 19 2021 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.

Abstract and Concrete Categories Dec 14 2020 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.

˜Theœ abstract Society Sep 10 2020

The Elements of Technical Writing Aug 10 2020 Offers practical guidelines and samples for writing coherent, accessible technical reports and proposals

Cancer Research Aug 29 2019

Abstract City Aug 22 2021 In July 2008, illustrator and designer Christoph Niemann began Abstract City, a visual blog for the New York Times. His posts were inspired by the desire to re-create simple and everyday observations and stories from his own life that everyone could relate to. In Niemann's hands, mundane experiences such as riding the subway or trying to get a good night's sleep were transformed into delightful flights of visual fancy. The struggle to keep up with housework became a battle against adorable but crafty goblins, and nostalgia about New York manifested in simple but strikingly spot-on LEGO creations. This brilliantly illustrated collection of reflections on modern life includes all 16 of the original blog posts as well as a new chapter created exclusively for the book. Praise for Abstract City: "Everyday experiences—from looking at leaves to riding city subways—are funny and fresh and often a source of wonder when depicted by this brilliant graphic designer." —Readers Digest "I will call Christoph when anything awful happens to me. And he will make me laugh like crazy about the whole thing. Because he is insanely funny and completely tenderly true. I love every column he did and will do." —Maira Kalman, author/illustrator of And the Pursuit of Happiness "Christoph Niemann is the best illustrator alive. Every single time I come across a piece of his work, which is often as he either works all the time, or worse, draws incredibly fast, it is wonderful. While the rest of us are lucky to get a proper piece out here and there, Christoph produces hit after hit after hit. If he wasn't such a genuinely sweet man, we'd surely hate his ass a lot." —Stefan Sagmeister, author of Things I Have Learned in My Life So Far "Few books have more probingly and humorously gotten inside the mind and day-to-day experience of an artist." —NPR.org "What's terrifying (to me, certainly, and possibly to many of his peers) is that nearly every idea he has seems to be equally well formed . . . once again, performing neat, virtuosic circles around the rest of us, to our delight." —PRINT magazine "Irresistible." —Very Short List "A masterpiece of sophisticated humor, this is a brilliant one-of-a-kind work." —Library Journal, starred review

Reference to Abstract Objects in Discourse Sep 22 2021 Reference to Abstract Objects in Discourse presents a novel framework and analysis of the ways we refer to abstract objects in natural language discourse. The book begins with a typology of abstract objects and related entities like eventualities. After an introduction to `bottom up, compositional' discourse representation theory (DRT) and to previous work on abstract objects in DRT (notably work on the semantics of the attitudes), the book turns to a semantic analysis of eventuality and abstract object denoting nominals in English. The book then substantially revises and extends the dynamic semantic framework of DRT to develop an analysis of anaphoric reference to abstract objects and eventualities that exploits discourse structure and the discourse relations that obtain between elements of the structure. A dynamic, semantically based theory of discourse structure (SDRT) is proposed, along with many illustrative examples. Two further chapters then provide the analysis of anaphoric reference to propositions VP ellipsis. The abstract entity anaphoric antecedents are elements of the discourse structures that SDRT develops. The final chapter discusses some logical and philosophical difficulties for a semantic analysis of reference to abstract objects. For semanticists, philosophers of language, computer scientists interested in natural language applications and discourse, philosophical logicians, graduate students in linguistics, philosophy, cognitive science and artificial intelligence.

Abstract Measurement Theory Oct 12 2020 This book presents a theory of measurement, one that is "abstract" in that it is concerned with highly general axiomatizations of empirical and qualitative settings and how these can be represented quantitatively.

Research Methods in Applied Settings Apr 29 2022 Through its integrated approach to quantitative research methods, this text teaches readers how to plan, conduct, and write a research project and select and interpret data so they can become better consumers of research. This is not a statistics book—there are very few formulas. Rather, this book helps students master which statistic to use when and how to interpret the results. Organized around the steps one takes in conducting a research project, this book is ideal for applied programs and for those who want to analyze and evaluate research articles. Having taught in a variety of departments, the authors have a good grasp of the research problems faced by master's and doctoral students in diverse areas of the behavioral and social sciences. Text adopters applaud the book's clarity. Students are often confused by other texts' use of inconsistent terminology. To avoid this confusion, the authors present a semantically consistent picture that emphasizes five research approaches-- randomized experimental, quasi-experimental, comparative, associational, and descriptive. The authors then show how these approaches lead to three kinds of research designs which, in turn, lead to three groups of statistics with the same names. This consistent framework increases comprehension and the ability to apply the material. Numerous applied problems, annotated examples, and diagrams and tables further promote comprehension. Although the book emphasizes quantitative research, the value of qualitative research is introduced. This extensively revised edition features more than 50% new material including: A new chapter on the evidence-based approach that emphasizes the importance of reporting confidence intervals and effect sizes and the increased use of meta-analysis. An increased emphasis on evaluating research including an 8 step plan for evaluating research validity (Chs. 23 & 24) and its application to the 5 sample studies used throughout the book (Ch. 25). Lots of practical advice on planning a research project (Ch. 2), data collection and coding (Ch. 15), writing the research report (Ch. 27), questions to use in evaluating a research article (Appendix E) and creating APA tables and figures (Appendix F). A new chapter on non-experimental approaches/designs (Ch. 7) including qualitative research. Web resources for students including critical thinking problems with answers and a sample outline of a research proposal. An earlier and expanded introduction to measurement reliability and validity to further emphasize their differences and importance. An extensively revised chapter on measurement validity consistent with the latest APA/AERA/NCME standards. Fewer chapters on inferential statistics with an increased focus on how their selection is related to the design of the study and how to interpret the results using significance testing and effect sizes and confidence intervals. Instructor's Resources with Power Points, test questions, answers to the application questions, and more. Intended for graduate research or quantitative/experimental methods/design courses in psychology, education, human development and family studies, and other behavioral, social, business, and health sciences, independent sections and chapters can be read in many orders allowing for flexibility in assigning topics. Due to its practical approach, this book also appeals to researchers and clinicians. Prior exposure to statistics and research methods is recommended.

Scientist's Guide to Poster Presentations Dec 26 2021 Scientific information is increasingly being communicated at both national and international scientific conferences in the form of poster presentations. A recent international conference, for example, which involved nearly 500 delegates from over 50 different countries, included information presented in 331 posters. Recent experience has shown, however, that the presentational stan dard of such posters, even at the international level, varies immensely. Individuals presenting well-designed, eye-catching, and engaging post ers are at a distinct advantage in promoting their scientific information. In doing so, they also promote themselves as credible scientists, as well as promoting the reputation of their establishments and countries of origin. However, producing a poster of high quality requires considerable plan ning and the acquisition of specific presentational skills. This book provides detailed practical guidance on all aspects of pre senting scientific information in the form of posters. It is assumed that the presenter has access, either at home, at work, or through libraries, to a

computer or word processor, a color printer, and photocopiers. The book is intended to help scientists to gain poster presentational skills in a manner that enables adoption of an individualistic style of presenting infor mation in a credible fashion. The book has relevance internationally and is primarily targeted at research workers, including postgraduate students and all scientific professionals who are required to present visual communication of scientific information.

Indexing and Abstracting in Theory and Practice Jan 27 2022

War and Intervention in the Transnational Public Sphere May 07 2020 The post-Cold War era saw an unexpected increase in intra-state violence against ethnic and religious groups, brutal civil wars and asymmetric conflicts. Those crises posed fundamental questions for the European Union and its member states, to which Europe has so far proven unable to develop satisfactory answers. This book contends that public debates over wars and humanitarian military interventions after the Cold War represent an evolving process of comprehension and collective interpretation of new realities. Employing innovative computer-linguistic methods, it examines the dynamics of this debate across Europe and compares it to that of the United States. In doing so, it argues that transnational political communication has shaped European identity-formation in significant ways and that, in trying to come to terms with important crises and institutional events, shared understandings of Europe have emerged. Looking at evidence from a wide range of countries, including Austria, France, Germany, Ireland, the Netherlands and the United Kingdom, and spanning a continuous period of 16 years, this book empirically analyses these shared understandings of the EU as a problem-solving and ethical community. This book will be of interest to students and scholars of international relations, EU politics, security studies, comparative politics, political communication and European integration.

Abstract Calculus Jun 27 2019 Abstract Calculus: A Categorical Approach provides an abstract approach to calculus. It is intended for graduate students pursuing PhDs in pure mathematics but junior and senior researchers in basically any field of mathematics and theoretical physics will also be interested. Any calculus text for undergraduate students majoring in engineering, mathematics or physics deals with the classical concepts of limits, continuity, differentiability, optimization, integrability, summability, and approximation. This book covers the exact same topics, but from a categorical perspective, making the classification of topological modules as the main category involved. Features Suitable for PhD candidates and researchers Requires prerequisites in set theory, general topology, and abstract algebra, but is otherwise self-contained Dr. Francisco Javier García-Pacheco is a full professor and Director of the Departmental Section of Mathematics at the College of Engineering of the University of Cádiz, Spain.

Game-laws. An abstract of an act, for granting to His Majesty, certain duties on certificates with respect to the killing of game. To which is added, a digest of the gamelaws ... Likewise, an accurate account of all the stamps now in use, etc Dec 02 2019

Abstract Objects Nov 24 2021 This volume examines the question "Do abstract objects exist?", presenting new work from contributing authors across different branches of philosophy. The introduction overviews philosophical debate which considers: what objects qualify as abstract, what do we mean by the word "exist" and indeed, what evidence should count in favor or against the thesis that abstract objects exist. Through subsequent chapters readers will discover the ubiquity of abstract objects as each philosophical field is considered. Given the ubiquitous use of expressions that purportedly refer to abstract objects, we think that it is relevant to attend to the controversy between those who want to advocate the existence of abstract objects and those who stand against them. Contributions to this volume depict positions and debates that directly or indirectly involve taking one position or other about abstract objects of different kinds and categories. The volume provides a variety of samples of how positions for or against abstract objects can be used in different areas of philosophy in relation to different matters.

Elements of Abstract Algebra Mar 29 2022 Lucid coverage of the major theories of abstract algebra, with helpful illustrations and exercises included throughout. Unabridged, corrected republication of the work originally published 1971. Bibliography. Index. Includes 24 tables and figures.

Education 3-13 Apr 17 2021 Primary education is one of the most important phases of learning but there remains a scarcity of in-depth research on this vital topic. However, as the focus on improving outcomes increases there is a growing interest internationally in research that helps us to understand the best ways to help young children engage with the curriculum in order that they may have the best possible life chances. This text helps to address these issues and consists of seminal articles derived from the forty-year history of the journal Education 3-13, which can claim to be one of the most important and influential publications in its field. The chapters included have been chosen carefully to represent a wide range of key topics in research on primary education and the text is sub-divided into five sections, each of which has been edited by leading academics who specialise in the topic under scrutiny. The sections include: • Learning and teaching, including the psychology and philosophy of primary education; • Key challenges in primary education, including changes to the governance of schools, and educational management and leadership; • The primary curriculum, including Maths, Science, IT and Technology Education; • The primary curriculum, including English, Humanities and the Arts; and, • Primary teachers' work and professionalism. Many of the contributions are written by seminal figures in academic research. The text will be especially relevant to students and researchers engaged the study of primary education as well as to practitioners, advisers and policy makers and will prove an invaluable resource for those wishing to gain an overview of research into primary education. It is recommended especially for those who wish to understand the development of primary education and the many twists and turns in theory, practice and policy that have influenced its development over the period of a generation. Those who read the text will come across the origins of many of the ideas that continue to influence primary teaching today as well as very recent research on where we are now in this important subject area.

Writing and Publishing Scientific Papers Nov 12 2020 Gábor Lövei's scientific communication course for students and scientists explores the intricacies involved in publishing primary scientific papers, and has been taught in more than twenty countries. Writing and Publishing Scientific Papers is the distillation of Lövei's lecture notes and experience gathered over two decades; it is the coursebook many have been waiting for. The book's three main sections correspond with the three main stages of a paper's journey from idea to print: planning, writing, and publishing. Within the book's chapters, complex questions such as 'How to write the introduction?' or 'How to submit a manuscript?' are broken down into smaller, more manageable problems that are then discussed in a straightforward, conversational manner, providing an easy and enjoyable reading experience. Writing and Publishing Scientific Papers stands out from its field by targeting scientists whose first language is not English. While also touching on matters of style and grammar, the book's main goal is to advise on first principles of communication. This book is an excellent resource for any student or scientist wishing to learn more about the scientific publishing process and scientific communication. It will be especially useful to those coming from outside the English-speaking world and looking for a comprehensive guide for publishing their work in English.

Principles of Abstract Interpretation Jan 15 2021 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.

Academic Writing and Publishing Feb 13 2021 Academic Writing and Publishing will show academics (mainly in the social sciences) how to write

and publish research articles. Its aim is to supply examples and brief discussions of recent work in all aspects of the area in short, sharp chapters. It should serve as a handbook for postgraduates and lecturers new to publishing. The book is written in a readable and lively personal style. The advice given is direct and based on up-to-date research that goes beyond that given in current textbooks. For example, the chapter on titles lists different kinds of titles and their purposes not discussed in other texts. The chapter on abstracts instructs the reader on writing structured abstracts from the start.

The English Review, Or, An Abstract of English and Foreign Literature Jun 19 2021

An Abstract of an Essay on the Improvement of Husbandry and Working of Mines Sep 03 2022

Meanings of Abstract Art Oct 24 2021 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.

Painting Abstract Landscapes Jul 09 2020 Abstract landscape painting expresses emotion while still capturing the essence of a landscape. This compelling book explores this suggestive style first developed by Turner. Using the hauntingly-beautiful paintings of Gareth Edwards, it explores the technical, historical and psychological dimensions of abstract landscape painting to help you develop your own skilful and intensely personal approach. Through this new book you can learn about how to begin an abstract landscape painting, using chance application; understand how to 'manage accidents' to create innovative pieces of work; discover the importance of effective composition and how this navigates the viewer's journey; determine the importance of the 'invisible' elements of painting: the unspoken value of the viewer and the influence of 'looking'. It also reveals how to utilize a convergence of linear and atmospheric perspective to help your viewer traverse the picture plane and helps you understand the importance of light, space, colour, and tone in generating evocative paintings. Finally, it encourages you to be more demanding of your surface, using textural techniques and glazing to achieve professional production values. It is a unique and exciting book into this under-documented genre.

Introduction to Static Analysis Jul 01 2022 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.

On Abstract Art Jan 03 2020 Introducing abstract painting and sculpture of the 20th century, this volume explores new ways to think about abstract art and the problems of interpretation it raises. Each of the ten chapters in the book addresses a particular problem associated with abstract art by focusing on specific works.