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[Film Theory Goes to the Movies](#) Springer
Learn about the real world of intelligence work
Physics, Philosophy, and the Scientific Community Routledge
In three volumes, a distinguished group of scholars from a variety of disciplines in the natural and social sciences, the humanities and the arts contribute essays in honor of Robert S. Cohen, on the occasion of his 70th birthday. The range of the essays, as well as their originality, and their critical and historical depth, pay tribute to the extraordinary scope of Professor Cohen's intellectual interests, as a scientist-philosopher and a humanist, and also to his engagement in the world of social and political practice. The essays presented in Physics, Philosophy, and the Scientific Community (Volume I of Essays in Honor of Robert S. Cohen) focus on philosophical and historical issues in contemporary physics: on the origins and conceptual foundations of quantum mechanics, on the reception and understanding of Bohr's and Einstein's work, on the emergence of quantum electrodynamics, and on some of the sharp philosophical and scientific issues that arise in current scientific practice (e.g. in superconductivity research). In addition, several essays deal with critical issues within the philosophy of science, both historical and contemporary: e.g. with Cartesian notions of mechanism in the philosophy of biology; with the language and logic of science - e.g. with new insights concerning the issue of a `physicalistic' language in the arguments of Neurath, Carnap and Wittgenstein; with the notion of `elementary logic'; and with rational and non-rational elements in the history of science. Two original contributions to the history of mathematics and some studies in the comparative sociology of science round off this outstanding collection.
[Transforming Cities](#) CRC Press
Are there other dimensions beyond our own? Is time travel possible? Can we change the past? Are there gateways to parallel universes? All of us have pondered such questions, but there was a time when scientists dismissed these notions as outlandish speculations. Not any more. Today, they are the focus of the most intense scientific activity in recent memory. In Hyperspace, Michio Kaku, author of the widely acclaimed Beyond Einstein and a leading theoretical physicist, offers the first book-length tour of the most exciting (and perhaps most bizarre) work in modern physics, work which includes research on the tenth dimension, time warps, black holes, and multiple universes. The theory of hyperspace (or higher dimensional space)--and its newest wrinkle, superstring theory--stand at the center of this revolution, with adherents in every major research laboratory in the world, including several Nobel laureates. Beginning where Hawking's Brief History of Time left off, Kaku paints a vivid portrayal of the breakthroughs now rocking the physics establishment. Why all the excitement? As the author points out, for over half a century, scientists have puzzled over why the basic forces of the cosmos--gravity, electromagnetism, and the strong and weak nuclear forces--require markedly different mathematical descriptions. But if we see these forces as vibrations in a higher dimensional space, their field equations suddenly fit together like pieces in a jigsaw puzzle, perfectly snug, in an elegant, astonishingly simple form. This may thus be our leading candidate for the Theory of Everything. If so, it would be the crowning achievement of 2,000 years of scientific investigation into matter and its forces. Already, the theory has inspired several thousand research papers, and has been the focus of over 200 international conferences. Michio Kaku is one of the leading pioneers in superstring theory and has been at the forefront of this revolution in modern physics. With Hyperspace, he has produced a book

for general readers which conveys the vitality of the field and the excitement as scientists grapple with the meaning of space and time. It is an exhilarating look at physics today and an eye-opening glimpse into the ultimate nature of the universe.
[Introduction to Communication Studies](#) Springer
Following basic themes in each chapter, this text makes an ethnographic and historical examination of nomadic pastoral societies in Africa, the Near East, Iranian Plateau, and Central Eurasia. It studies the cattlekeepers, the camel nomads, the good shepherds of southwest Asia, the horseriders, the yakbreeders, and the enduring nomad. For anthropologists and all those interested in nomadic cultures.
[Progress in New Cosmologies](#) Springer Science & Business Media
Film Theory Goes to the Movies fills the gap in film theory literature which has failed to analyze high-grossing blockbusters. The contributors in this volume, however, discuss such popular films as The Silence of the Lambs, Dances With Wolves, Terminator II, Pretty Woman, Truth or Dare, Mystery Train, and Jungle Fever. They employ a variety of critical approaches, from industry analysis to reception study, to close readings informed by feminist, deconstructive and postmodernist theory, as well as recent developments in African American and gay and lesbian criticism. An important introduction to contemporary Hollywood, this anthology will be of interest to those involved in the fields of film theory, literary theory, popular culture, and women's studies.
[Cesarean Section](#) Pearson
A groundbreaking contribution to the history of the "long Civil Rights movement," Hammer and Hoe tells the story of how, during the 1930s and 40s, Communists took on Alabama's repressive, racist police state to fight for economic justice, civil and political rights, and racial equality. The Alabama Communist Party was made up of working people without a Euro-American radical political tradition: devoutly religious and semiliterate black laborers and sharecroppers, and a handful of whites, including unemployed industrial workers, housewives, youth, and renegade liberals. In this book, Robin D. G. Kelley reveals how the experiences and identities of these people from Alabama's farms, factories, mines, kitchens, and city streets shaped the Party's tactics and unique political culture. The result was a remarkably resilient movement forged in a racist world that had little tolerance for radicals. After discussing the book's origins and impact in a new preface written for this twenty-fifth-anniversary edition, Kelley reflects on what a militantly antiracist, radical movement in the heart of Dixie might teach contemporary social movements confronting rampant inequality, police violence, mass incarceration, and neoliberalism.
[Loss prevention in the process industries](#) Oxford University Press
This volume contains the Proceedings of a two-week NATO Advanced Study Institute on "Laser Systems for Photobiology and Photomedicine", conducted from May 11 to 20, 1990 in Erice, Italy. This is the 15th annual course of the International School of Quantum Electronics (ISQE), organized under the auspices of the "Ettore Majorana" Center for Scientific Culture. The application of lasers to medicine and surgery has made amazing progress since the last ISQE Course on this subject in 1983. The present Proceedings give a tutorial introduction to today's most important areas, as well as a review of current results by leading researchers. Among the possible approaches to a NATO Advanced Study Institute on Laser Systems for Photobiology and Photomedicine, we chose to emphasize the scientific and technological aspects of advanced laser systems when applied to laboratory and clinical tests. Since it is the policy of the School to stress the advanced scientific and technological achievements in the field of Quantum Electronics, the Course broadly covers performance already achieved and potential applications.
[Handbook of Twentieth-Century Literatures of India](#) Routledge
Includes essays on twentieth-century literature in Assamese, Bengali, Gujarati, Hindi, Kannada, Malayalam, Marathi, Panjabi, Tamil, Telugu, and Urdu as well as Indian literature in English.
[Hyperspace](#) UNC Press Books
Bell's Theorem and its associated implications for the nature of the physical world remain topics of great interest. For this reason many meetings have been recently held on the interpretation of quantum theory and the implications of Bell's Theorem. Generally these meetings have been held primarily for quantum physicists and philosophers of science who have been or are actively working on the topic. Nevertheless, other philosophers of science, mathematicians, engineers as well as members of the general public have increasingly taken interest in Bell's Theorem and its implications. The Fall Workshop held at George Mason University on October 21 and 22, 1988 and titled "Bell's Theorem, Quantum Theory and Conceptions of the Universe" was of a more general scope. Not only it attracted experts in the field, it also covered other topics such as the

implications of quantum non-locality for the nature of consciousness, cosmology, the anthropic principle, etc. topics usually not covered in previous meetings of this kind. The meeting was attended by more than one hundred ten specialists and other interested people from all over the world. The purpose of the meeting was not to provide a definitive answer to the general questions raised by Bell's Theorem. It is likely that the debate will go on for quite a long time. Rather, it was meant to contribute to the important dialogue between different disciplines.
[Laser Systems for Photobiology and Photomedicine](#) MIT Press (MA)
The question of ethnicity is highly controversial in contemporary archaeology. Indigenous and nationalist claims to territory, often rely on reconstructions of the past based on the traditional identification of 'cultures' from archaeological remains. Sian Jones responds to the need for a reassessment of the ways in which social groups are identified in the archaeological record, with a comprehensive and critical synthesis of recent theories of ethnicity in the human sciences. In doing so, she argues for a fundamentally different view of ethnicity, as a complex dynamic form of identification, requiring radical changes in archaeological analysis and interpretation.
[Nuclear and Particle Physics](#) Potomac Books, Inc.
Cesarean section rates Percentage Indication Low High Failure to progress 2. 0 4. 0 Repeat cesarean section 2. 0 6. 0 Breech and abnormal lie 1. 3 3. 5 Fetal distress 1. 5 3. 0 Third-trimester bleeding 1. 0 1. 0 Totals 7. 8 17. 5 I From Quilligan, by permission of Contemporary Obstetrics and Gynecology. vaginal delivery, I have yet to meet a physician who would do something they believed would harm their patient even if they were paid ten times as much for a section. On the other hand, there are fears and misconceptions. I have heard many doctors say "I have never been sued for a section I did, but I have been sued for the section I did not do. " The fear of not having performed a section in my opinion is real, although difficult to prove, and until the public can be educated that cesarean section delivery cannot eradicate fetal death and damage, this fear will remain and will be responsible for some unnecessary cesarean sections. Bruce Flamm and I hope this book will correct misconceptions that have been responsible for many unnecessary cesarean sections. I am still frequently asked the same old question: What is an ideal cesarean section rate? I still give an answer similar to the 1983 answer, perhaps somewhat modified.
[Notebooks of the Mind](#) Routledge
"The Fifth Workshop on Nonlinear Evolution Equations and Dynamical Systems took place July 2-16, 1989 in Crete at the Orthodox Academy"--Pref.
[Silent Warfare](#) John Wiley & Sons
Fills the need for an experimental physics text. There are three main sections of the text. The first is an introduction that offers valuable insights into the importance of the human element in physics and traces the course of its historical development. This section also explains the objectives of the physics laboratory and the skills you must master to maintain a ``Notebook'' and analyze data, and presents a general discussion of spectroscopy experiments. The second section discusses the unique and valuable role of the computer in the laboratory and explains how to use it; software is included with the text. The final section contains over twenty experiments, providing students with a broad introduction into the use of a variety of instruments for carrying out many different measurements.
[The Nomadic Alternative](#) Springer Science & Business Media
The conference "Nonlinear Optics and Optical Computing" was held May 11-19, 1988 in Erice, Sicily. This was the 13th conference organized by the International School of Quantum Electronics, under the auspices of the "Ettore Majorana" Center for Scientific Culture. This volume contains both the invited and contributed papers presented at the conference, providing tutorial background, the latest research results, and future directions for the devices, structures and architectures of optical computing. The invention of the transistor and the integrated circuit were followed by an explosion of application as ever faster and more complex microelectronics chips became available. The information revolution occasioned by digital computers and optical communications is now reaching the limits of silicon semiconductor technology, but the demand for faster computation is still accelerating. The fundamental limitations of information processing today derive from the performance and cost of three technical factors: speed, density, and software. Optical computation offers the potential for improvements in all three of these critical areas: Speed is provided by the transmission of impulses at optical velocities, without the delays caused by parasitic capacitance in the case of conventional electrical interconnects. Speed can also be achieved through the massive parallelism characteristic of many optical computing architectures; Density can be provided in optical computers in two ways: by high spatial resolution, on the order of wavelengths of light, and by computation or interconnection in three dimensions.
[Liberal Utilitarianism and Applied Ethics](#) Springer

Why has the durable paper shopping bag been largely replaced by its flimsy plastic counterpart? What circuitous chain of improvements led to such innovations as the automobile cup holder and the swiveling vegetable peeler? With the same relentless curiosity and lucid, witty prose he brought to his earlier books, Henry Petroski looks at some of our most familiar objects and reveals that they are, in fact, works in progress. For there can never be an end to the quest for the perfect design. To illustrate his thesis, Petroski tells the story of the paper drinking cup, which owes its popularity to the discovery that water glasses could carry germs. He pays tribute to the little plastic tripod that keeps pizza from sticking to the box and analyzes the numerical layouts of telephones and handheld calculators. Small Things Considered is Petroski at his most trenchant and provocative, casting his eye not only on everyday artifacts but on their users as well.

Theory and Practice of Writing Springer

'Shawn Callahan is a master at telling stories, applying stories and coaching others in the art of storytelling. This is a delightful book that is hard to put down.' --Gary Klein, world-leading psychologist and author of Intuition at Work 'A wonderful book that's both practical and fun to read. As we've experienced, Shawn's training programs are phenomenal, and now everyone has access to his techniques in Putting Stories to Work.' --Gerry Lynch, General Manager, Mars New Zealand 'Putting Stories to Work really helps you notice stories and bring them to life in your business in a way that's simple, practical and compelling. This book is full of interesting stories that are so relatable. It's a must-read.' --Lisa Mills, International Head of TESCO Academy The most successful leaders are storytellers. By mastering business storytelling, they achieve extraordinary business results. As a modern-day leader, you know you should develop this skill, but you don't have the time to do this in an ad-hoc way. What you need is a practical, reliable method to follow, one that will allow your business to reap the benefits of storytelling as soon as possible. In Putting Stories to Work, Shawn Callahan gives you a clear process for mastering business storytelling. He demolishes the thinking that storytelling has no place at work, reminding us that sharing stories is what we all do naturally, every day, and that it's one of the most powerful tools for getting things done. You just need to adapt this natural superpower to boost your business. Shawn's story mastery process of Discover, Remember, Share and Refresh is based on over two decades' work with high-achieving global companies. In Putting Stories to Work, each step is spelled out in detail, backed up by research, and, needless to say, illustrated by plenty of great stories. Learn how to find and share stories to connect with new people. How to explain why change is needed. How to influence opinions and promote success. And much more. Most importantly, learn how to take the latent skill of storytelling and turn it into a potent business habit. Imagine your colleagues telling the story of how you took the most diverse and opinionated group of experts and had them all working towards the same goal. Or the one about how you persuaded the executive team to change their minds and got a great result for the business. Or the one where everyone got inspired and turned things around. Imagine that your people all know exactly what the company strategy is and how they're making a difference to the organisation. As the successful film executive Peter Guber put it: 'Storytelling is not show business. It's good business'.

The Cybernetics Group Springer Science & Business Media

The Galactic cosmic rays have far-reaching effects on the interstellar medium, and they are, in turn, profoundly affected by the particles and fields in space. Supernova remnants and their expanding shock fronts pervade the Galaxy, heating the interstellar medium, and accelerating the cosmic rays. The interplay among the cosmic rays, the interstellar medium in which they propagate, and supernovae has been investigated for decades; yet these studies have generated as many enigmas as they have resolved. These puzzles continue to challenge observers and theorists alike. th This volume is devoted to selected lectures presented in the 7 Course of the International School of Cosmic-Ray Astrophysics in Erice, Italy in July-August, 1990. Alltogether, some 400 participants have attended the biennial sessions of this School since its inception in 1978. As its name implies, the School deals with cosmic-ray phenomena viewed in the broader context of astrophysics. Students and Lecturers are attracted from many astrophysical disciplines. Like earlier courses in this series, the present one was organized under the aegis of the Ettore Majorana Centre as a NATO Advanced Study Institute. Given the diverse scientific backgrounds of the students, it was deemed useful to include lectures at the introductory level. Other lectures and contributed talks were at a more advanced level, featuring new developments. If this collection is useful pedagogically, and if it provides some stimulus and information for the mature research worker, then the editors will feel well rewarded.

Current Approaches to Therapy Routledge

This book covers the history of early developments of ammonia synthesis, and fundamental scientific investigations of the catalyst and its promoters. Contributors also discuss technological aspects of ammonia synthesis, and look at the future of the industry.

Artificial Life Springer Science & Business Media

How do creative people think? Do great works of the imagination originate in words or in images? Is there a rational explanation for the sudden appearance of geniuses like Mozart or Einstein? Such questions have fascinated people for centuries; only in recent years, however, has cognitive psychology been able to provide some clues to the mysterious process of creativity. In this revised edition of Notebooks of the Mind, Vera John-Steiner combines imaginative insight with scientific precision to produce a startling account of the human mind working at its highest potential.To approach her subject John-Steiner goes directly to the source, assembling the thoughts of "experienced thinkers"--artists, philosophers, writers, and scientists able to reflect on their own imaginative patterns. More than fifty interviews (with figures ranging from Jessica Mitford to Aaron Copland), along with

excerpts from the diaries, letters, and autobiographies of such gifted giants as Leo Tolstoy, Marie Curie, and Diego Rivera, among others, provide illuminating insights into creative activity. We read, for example, of Darwin's preoccupation with the image of nature as a branched tree while working on his concept of evolution. Mozart testifies to the vital influence on his mature art of the wondrous "bag of memories" he retained from childhood. Anais Nin describes her sense of words as oppressive, explaining how imagistic free association freed her as a writer.Adding these personal accounts to laboratory studies of thought process, John-Steiner takes a refreshingly holistic approach to the question of creativity. What emerges is an intriguing demonstration of how specific sociocultural circumstances interact with certain personality traits to encourage the creative mind. Among the topics examined here are the importance of childhood mentor figures; the lengthy apprenticeship of the talented person; and the development of self- expression through highly individualistic languages, whether in images, movement or inner speech.Now, with a new introduction, this award-winning book provides an uniquely broad-based study of the origins, development and fruits of human inspiration.

Nonlinear Optics and Optical Computing Humana Press

This book undertakes a general framework within which to consider the complex nature of the writing task in English, both as a first, and as a second language. The volume explores varieties of writing, different purposes for learning to write extended text, and cross-cultural variation among second-language writers. The volume overviews textlinguistic research, explores process approaches to writing, discusses writing for professional purposes, and contrastive rhetoric. It proposes a model for text construction as well as a framework for a more general theory of writing. Later chapters, organised around seventy-five themes for writing instruction are devoted to the teaching of writing at the beginning, intermediate, and advanced levels. Writing assessment and other means for responding to writing are also discussed. William Grabe and Robert Kaplan summarise various theoretical strands that have been recently explored by applied linguists and other writing researchers, and draw these strands together into a coherent overview of the nature of written text. Finally they suggest methods for the teaching of writing consistent with the nature, processes and social context of writing.