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MARKS LEONIDAS

Beijing Pan Macmillan

Included in the 2018 summer reading list by New York Times Books A modern-day glimpse into the surprising reality of life in Iran. Iran: A destination that is seldom seen by westerners yet often misunderstood. A country that simultaneously “enchants and enrages” those who visit it. A place where leading a double life has become the norm. In *Couchsurfing in Iran*, award-winning author Stephan Orth spends sixty-two days on the road in this mysterious Islamic republic to provide a revealing, behind-the-scenes look at life in one of the world’s most closed societies. Through the unsurpassed hospitality of twenty-two hosts, he skips the guidebooks and tourist attractions and travels from Persian carpet to bed to cot, covering more than 8,400 kilometers to recount “this world’s hidden doings.” Experiencing daily what he calls the “two Irans” that coexist side by side—the “theocracy, where people mourn their martyrs” in mausoleums, and the “hide-and-seek-ocracy, where people hold secret parties and seek worldly thrills instead of spiritual bliss”—he learns that Iranians have become experts in navigating around their country’s strict laws. Though couchsurfing is officially prohibited in Iran—the state fears spies would be able to travel undetected through the country—more than a hundred thousand Iranians are registered with online couchsurfing portals. And thanks to these hospitable, English-speaking strangers, Orth gets up close and personal with locals,

peering behind closed doors and blank windows to uncover the inner workings of a country where public show and private reality are strikingly opposed.

Painting the Future Springer-Verlag

This new edition features numerous updates and additions. Especially 4 new chapters on Fiber Optics, Integrated Optics, Frequency Combs and Interferometry reflect the changes since the first edition. In addition, major complete updates for the chapters: Optical Materials and Their Properties, Optical Detectors, Nanooptics, and Optics far Beyond the Diffraction Limit. Features Contains over 1000 two-color illustrations. Includes over 120 comprehensive tables with properties of optical materials and light sources. Emphasizes physical concepts over extensive mathematical derivations. Chapters with summaries, detailed index Delivers a wealth of up-to-date references.

Couchsurfing in Iran CUP Archive

The Compendium of Practical Astronomy is unique. The practical astronomer, whether student, novice or accomplished amateur, will find this handbook the most comprehensive, up-to-date and detailed single guide to the subject available. It is based on Roth’s celebrated German language handbook for amateur astronomers, which first appeared over 40 years ago.

Introduction to Meteorological Optics Springer Spektrum

Von den Rätseln der Quantenwelt bis zum Polarlicht - von Schwarzen Löchern bis zum GPS-System -von Teilchenbeschleunigern, dem Higgs und der

Supersymmetrie bis zum Foucaultschen Pendel – dieses Buch bietet einen packenden Streifzug durch die spannendsten und aktuellsten Themen der modernen Physik! Auf jeweils einer Doppelseite wird dem Leser dabei mit vielen Bildern ein kompakter und klar verständlicher Einstieg in jeweils ein Thema und den Stand der Forschung geboten – und so insgesamt etwa 140 verschiedene Themen beleuchtet und jedes treffend erläutert. Dabei liegt die besondere Stärke des Buches in der klaren Sprache und den Erklärungen, die nahezu ganz ohne Formeln auskommen – begleitet von atemberaubenden und weltweit eingeholten Bildern renommierter Forscher und Institute, die uns die Schönheit unserer Welt vor Augen führen. 'Zu erkennen, was die Welt im Innersten zusammenhält' – das hat auch Benjamin Bahr, Jörg Resag und Kristin Riebe angetrieben, Physik zu studieren – und so entstand dieses moderne Lesebuch zum Blättern und Entdecken, zum Lesen und Träumen – als gemütliches, aber auch kluges Sachbuch, fürs Bett, für den Couchtisch, zum Genießen, Verlieben und Verschenken.

[The Mie Theory](#) Floris Books

Wir haben tagtäglich die atmosphärische Optik vor Augen - und übersehen sie geflissentlich. Dabei führt uns der Himmel anschaulich vor, was mit dem Licht passiert, wenn es an Wassertropfen oder Rauch gestreut wird und dort, wo eigentlich nichts ist als mehr oder weniger reine Luft, bunte Bilder an den Himmel zaubert. Sonnenuntergänge, Regenbögen, Polarlichter, Aureolen und Glorien - eine Art Hof oder Heiligenschein - oder Fata Morganas werden in Michael Vollmers reich illustriertem und klar verständlichem Buch zum natürlichen Labor für physikalische Entdeckungen - und man wird staunen, wie viel Physik man plötzlich kann - und die ist keine Fata Morgana.

[Color and Light in Nature](#) John Wiley & Sons

Colour is everywhere. From blue skies to red sunsets, from the first flowers in spring to the blazing leaves of autumn. But what is the nature of colour? Scientific books present a variety of mechanical explanations but this approach leaves colour as a whole unexplained. In the nineteenth century, the German poet and scientist Johann Wolfgang von Goethe investigated a wide range of colour phenomena and discovered the underlying principles that govern colour itself. This lavishly illustrated book brings Goethe's pioneering research up to date. Through descriptions of simple observations and ingenious experiments, the reader will discover a series of colour phenomena that includes afterimages, coloured shadows, colour mixing, and prismatic and polarisation colours. Seeing Colour is a thought-provoking read for colour enthusiasts and experts alike, and an accessible route to a new way of seeing colour.

[Lichtspiele in der Luft](#) Random House Digital, Inc.

All of science springs from the observation of nature. In this classic book, the late Professor Minnaert accompanies the reader on a tour of nature's light and color and reveals the myriad phenomena that may be observed outdoors with no more than a pair of eyes and an enquiring mind. From the intriguing shape of the dapples beneath a tree on a sunny day, via rainbows, mirages, and haloes, the colors of liquid, ice, and the sky, to the appearance of the sun, moon, planets, and stars - Minnaert describes and explains them all in a clear language accessible to laymen. This new English edition is supplemented by 80 plates, over half of them in color, taken by the acclaimed photographer Pekka Parviainen, illustrating many of the phenomena - ordinary and exotic - discussed in the book.

[Handbook of Practical Astronomy](#) Cambridge University Press

A full-color room-by-room guide to some of the designer's best interiors--which draw on neutral colors and feminine forms--also includes checklists and expert advice for approaching interior design no matter what the room or the challenge.

[Naturwissenschaftliche Rundschau](#) Springer Science & Business Media

A winner of the European Publishers Award for Photography, Ambroise wanders through Beijing find a city caught between two worlds - an ancient past and a frenzied present.

[The Moon Illusion](#) CUP Archive

This book presents research on precipitation partitioning processes in vegetated ecosystems, putting them into a global context. It describes the processes by which meteoric water comes into contact with the vegetation's canopy, typically the first surface contact of precipitation on land. It also discusses how precipitation partitioning by vegetation impacts the amount, patterning, and chemistry of water reaching the surface, as well as the amount and timing of evaporative return to the atmosphere. Although this process has been extensively studied, this is the first review of the global literature on the partitioning of precipitation by forests, shrubs, crops, grasslands and other less-studied plant types. The authors offer global contextualization combined with a detailed discussion of the impacts for the climate and terrestrial ecohydrological systems. As such, this comprehensive overview is a valuable reference tool for a wide range of specialists and students in the fields of geoscience and the environment.

[Infrared Thermal Imaging](#) Spektrum Akademischer Verlag

Wir haben tagtäglich die atmosphärische Optik vor Augen - und übersehen sie geflissentlich. Dabei führt uns der Himmel anschaulich vor, was mit dem Licht passiert, wenn es an Wassertropfen oder Rauch gestreut wird und dort, wo eigentlich nichts ist als mehr oder weniger reine Luft, bunte Bilder an den Himmel zaubert. Sonnenuntergänge, Regenbögen, Polarlichter, Aureolen und Glorien - eine Art Hof oder Heiligenschein - oder Fata Morganas werden in Michael Vollmers reich illustriertem und klar verständlichem Buch zum natürlichen Labor für physikalische Entdeckungen - und man wird staunen, wie viel Physik man plötzlich kann - und die ist keine Fata Morgana.

[Internationale Bibliographie der Rezensionen wissenschaftlicher Literatur](#) Anchor

Explains what causes color variations in sunsets, tells how volcanic eruptions can change the sun's light, and discusses comets, meteors, city lights, and the aurora borealis.

[From Atoms to Quarks](#) Dewi Lewis Publishing

Virtually every volume on mythology contains legends connected with the rainbow and practically all modern textbooks of physics include some exposition of the optical principles which account for the bow. Mankind has been thinking, talking and writing about the rainbow for thousands of years. The Rainbow: from Myth to Mathematics gathers material from a great number of primary and secondary sources in the hopes that readers may be tempted to study further some aspects of the history of the theory of the rainbow. Includes information on Aristotle, Francis Bacon, the

Christian tradition, color, Rene, Descartes, fogbow, Augustin Fresnel, Galileo Galilei, halo, Islamic tradition, Jesuits, Johann Kepler, nature of light, mirrors, Sir Isaac Newton, Olympiodorus, physics, rainbow breadth, reflection, refraction, Robert Grosseteste, Themo Judoci, Witelo, etc.

[Precipitation Partitioning by Vegetation](#) Spektrum Akademischer Verlag

Fascinating angle on "emotional work" MARGARET ATWOOD on Twitter In modern, beautiful Green City, the capital of South West Asia, gender selection, war and a virus outbreak have brought the ratio of men to women to alarmingly low levels. The government uses terror and technological surveillance to control its people, and women must take multiple husbands to have children as quickly as possible. Yet there are women who resist, women who live in an underground collective and refuse to be part of the system. Secretly protected by the highest echelons of power, they emerge only at night, to provide to the rich and elite of Green City a type of commodity that nobody can buy: intimacy without sex. As it turns out, not even the most influential men can shield them from discovery and the dangers of ruthless punishment. This dystopian novel from one of Pakistan's most talented writers is a modern-day parable. It takes the patriarchal practices of female seclusion, gender selection and control over women's bodies, and recasts them to imagine a terrifying world of post-religious authoritarianism.

[Interfacial Phenomena](#) American Geophysical Union

Schülerlabore wie die DLR_School_Labs des Deutschen Zentrums für Luft- und Raumfahrt haben das Ziel, das Interesse an und Verständnis für Naturwissenschaften zu fördern und den Schulunterricht durch Einblicke in die Welt der Hochtechnologieforschung zu ergänzen und zu bereichern. Als wichtiges Merkmal, welches den Erfolg dieser außerschulischen Lernorte maßgeblich mitbeeinflusst, wird häufig die dort in besonderer Weise erlebbare Authentizität genannt. Die Ergebnisse der hier beschriebenen quasiexperimentellen Feldstudie stützen diese Sichtweise: Jugendliche, die am authentischen Lernort Schülerlabor mit echten High-End-Laborgeräten experimentieren konnten, zeichneten sich im Vergleich zu solchen in weniger authentischen Lernsettings durch ein höheres situationales Interesse sowie stärker wahrgenommene inhaltliche Relevanz und Authentizität aus. Auch der Wunsch, später einmal einen Beruf mit Bezügen zur Physik zu ergreifen, wurde in dieser Gruppe am stärksten gefördert. Die authentischen Lernorte können zudem neue Themen für den Unterricht erschließen. Im Rahmen der Studie wurden Infrarotsensoren entwickelt, welche erstmals die Fernerkundung von Vegetation anhand des Normalisierten Differenzierten Vegetationsindex (NDVI) im Physikunterricht mit Messungen im eigenen Umfeld ermöglichen.

[Faszinierende Physik](#) Springer

Publisher Description

[Schülerlabore als interessefördernde authentische Lernorte für den naturwissenschaftlichen Unterricht nutzen](#) Random House

Jonathan Langley's life took a devastating turn when he lost his eyesight to a rare illness. Once a successful painter and printmaker, Jonathan now lives in complete darkness, rarely leaving his apartment and angry at the world. When he encounters his precocious 11-year-old neighbor, Lupe, the two form an unlikely friendship. Her cheerful presence shatters his hardened exterior, revealing a gentle man struck by tragedy. Lupe leads him to a fresh perspective by showing him the power of kindness, compassion, and love. Based on the celebrated teachings of Louise Hay, *Painting the Future* explores the power of positive thinking in healing past struggles and learning to live a joyful, heart-centered life.

[Atmosphärische Optik für Einsteiger](#) Princeton University Press

This unique volume attempts to answer one of mankind's oldest puzzles -- why the moon appears to be larger and closer on the horizon than when it is high in the sky. Over the centuries, many viable solutions have been proposed for this psychological phenomenon. The Moon Illusion presents papers by major theorists striving to explain the illusion and providing commentaries on the works of others. Research on the moon illusion has been scattered throughout journals in many disciplines including philosophy, physiology, physics, and psychology. As the first publication to present a comprehensive treatment of the problem, this book is of vital interest to professionals whose major concern is visual perception, experimental psychology, or the neurosciences. Of additional interest to those whose focus is physics or astronomy.

[Praxis der Mathematik in der Schule](#) Springer Nature

Interfacial Phenomena examines the fundamental properties of various liquid interfaces. This book discusses the physics of surfaces; electrostatic and electrokinetic phenomena; and adsorption at liquid interfaces. The properties of monolayers; reactions at liquid surfaces; diffusion through interfaces; and disperse systems and adhesion are also deliberated. Other topics include the vapor pressures over curved surfaces; electrical capacity of the double layer; applications of electrophoresis; and thermodynamics of adsorption and desorption. The experimental methods of spreading films at the oil-water interface; penetration into monolayers; experiments on dynamic systems; and spontaneous emulsification are likewise covered in this text. This book is beneficial to chemical engineers and students concerned with interfacial phenomena.

[An Introduction to Pollen Analysis](#) Read Books Ltd

'Fascinating ... compelling ... very funny' Sunday Times 'A defiant call to arms ... affecting ... lingers long in the memory after its final page' Morning Star 'A skilful act of literary witness, sharp, moving and funny' Joanne Limburg 'Christoph Keller ... ranks among the great Swiss writers' Neue Zürcher Zeitung Most stories of disability follow a familiar pattern: Life Before Accident. Life After Accident. For Christoph Keller, it was different: his childhood diagnosis with a form of Spinal Muscular Atrophy only revealed what had been with him since birth. SMA III, the 'kindest one', allows those who have it to live a long life, and it progresses slowly. There is no cure. By the age of 25, he had to use a wheelchair some of the time. 'There were two of me: Walking Me. Rolling Me.' By 32, he could still walk into a restaurant with a cane or on somebody's arm. At 45, 'Rolling Me' took over altogether. Intimate, absurdist and winningly frank, *Every Cripple a Superhero* is at once a memoir of life with a progressive disorder, and a profound exploration of the challenges of loving, being loved, and living a public life - navigating restaurants, aeroplanes, museums and artists' retreats - in a world not designed for you. Threaded throughout are Keller's own photographs of the unexpected beauty found in puddle-filled 'curb cuts', the pavement ramps that, left to disintegrate, form part of the urban obstacle course. Those puddles become portals into a different, truer city; and, as they do, so this book - told with humour and immense grace - begins to uncover a truer world: one where the 'normal' is not normal, where disability is far more widespread than we might think, and where there always exist, just alongside our own, the lives of everyday superheroes.