

### Transport in Semiconductor Mesoscopic Devices

**Author:** David K Ferry

**Reviewer:** J H Edgar, Kansas State University, USA

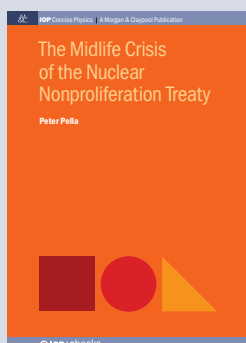
**Published in:** MRS Bulletin

“A very good book that will be suitable for classes of well-prepared first-year graduate students in this field of study.”

**Reviewer:** Professor Mukunda Das, The Australian National Univesity, Canberra

**Published in:** Australian Physics, Vol 53, number 5, Sep–Oct 2016

“David Ferry is an accomplished researcher as well as a prolific author of books. This book will be very useful for professional engineers working on semiconductor devices and electronic materials.”



### The Midlife Crisis of the Nuclear Nonproliferation Treaty

**Author:** Peter Pella

**Reviewer:** Sharon Squassoni (Senior Fellow and Director, Proliferation Prevention Program, Center for Strategic & International Studies, USA)

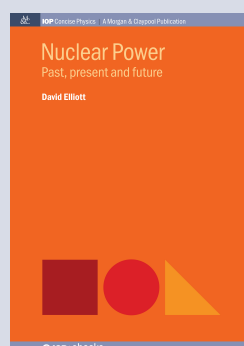
“This articulate, beautifully written and slim volume weaves science and policy seamlessly to the benefit of both communities.”

**Reviewer:** Ambassador Norman A Wulf, Special Representative of the President for Nuclear Nonproliferation (1999–2002).

“Dr Pella has done a remarkable job of covering the entire spectrum of nuclear nonproliferation in one compact book.”

**Reviewer:** Susan Burk, Ambassador and Special Representative of the President for Nuclear Nonproliferation (2009–2012)

“Anyone interested in or critical of the nuclear landscape and the steps needed to address it should read this book.”



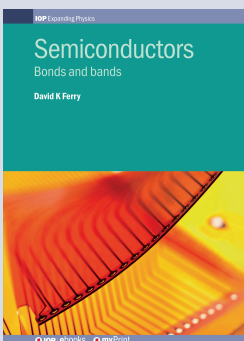
### Nuclear Power

Past, present and future

**Author:** David Elliott

**Reviewer:** Tony Wooldridge, FlntP, CPhys, FlntNDT, CEng

“Throughout the book, I believe that the author presents the arguments for and against nuclear power in a measured, objective way with numerous references for both points of view... this concise publication of about 70 pages provides a very well-informed, objective and up-to-date summary of the current status and future potential for nuclear power.”



### Semiconductors

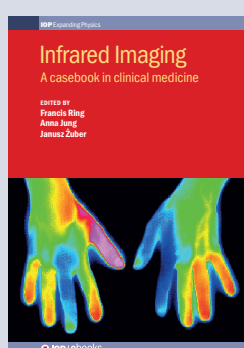
Bonds and bands

**Author:** David K Ferry

**Reviewer:** A H Harker

**Published in:** Contemporary Physics

“This book presents those aspects of the theory of semiconductors that are necessary for graduate students who wish to apply the principles to an understanding of semiconductor devices... This book is clearly the product of an author with great experience and wide knowledge of the field.”



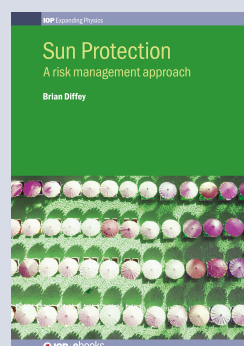
### Infrared Imaging

A casebook in clinical medicine

**Editors:** Francis Ring, Anna Jung and Janusz Żuber

**Reviewer:** Kevin Howell, Royal Free Hospital, UK, and President of European Association of Thermology

“It is pleasing to see this long-awaited follow up to the original ‘Casebook’ (published in Poland 12 years ago) now available as an ebook. This new book, richly illustrated throughout with colour thermograms, sets out to bring the reader up to date. The casebook is one of the most comprehensive collections of clinical thermography cases ever published in one text, and would be a valuable addition to any thermographer’s bookshelf.”



### Sun Protection

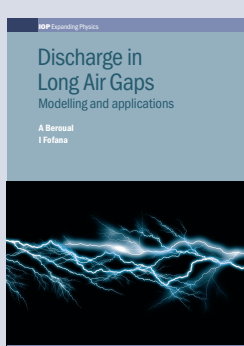
A risk management approach

**Author:** Brian Diffey

**Reviewer:** Jonathan Rees

**Published in:** Advances in Dermatology and Venerology

“The book, although modest in length, covers all that any dermatologist or skin biologist could wish for... The book is not just suitable for biologists and dermatologists, but will be of interest to physical scientists and those working in the skin-care industry.”



### Discharge in Long Air Gaps

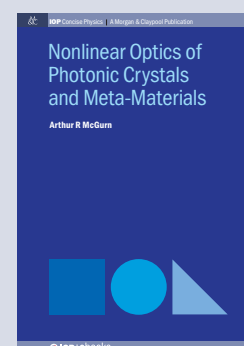
Modelling and applications

**Authors:** A Beroual and I Fofana

**Reviewer:** John J Shea

**Published in:** IEEE Electrical Insulation Magazine

“Researchers interested in dielectric breakdown of large air gaps or those with an interest in lightning will find this book well worth reading.”

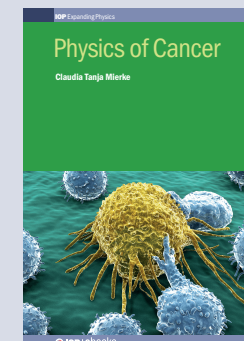


### Nonlinear Optics of Photonic Crystals and Meta-Materials

**Author:** Arthur R McGurn

**Reviewer:** Liang Fei, Technical Institute of Physics and Chemistry, Chinese Academy of Sciences

“... this book is a good reference for front-line researchers and can be recommended to juniors as a popular science book to trigger their interest in this field.”



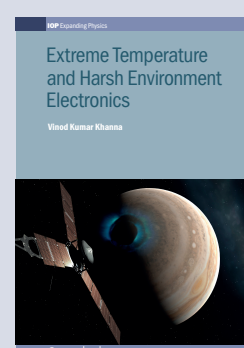
### Physics of Cancer

**Author:** Claudia Tanja Mierke

**Reviewer:** Dennis E Sischer, University of Pennsylvania, Philadelphia

**Published in:** Physics Today

“In many places, the author skilfully connects biophysical concepts, such as adhesion forces, to cancer. The book’s readability is enviable.... *Physics of Cancer* is up to date, interesting and highly relevant. It is a valuable contribution to the nascent literature on the physical sciences in oncology.”



### Extreme-Temperature and Harsh-Environment Electronics

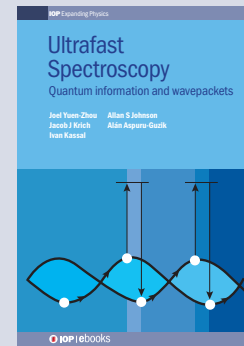
Physics, technology and applications

**Author:** Vinod Kumar Khanna

**Reviewer:** John J Shea

**Published in:** IEEE Electrical Insulation Magazine

“Anyone wanting to learn quickly about the latest developments in energy storage should read this book. It provides enough technical depth for the reader to understand the advantages and limitations of the various storage methods, and sufficient references to enable the reader to dig more deeply into the technical details.”



### Ultrafast Spectroscopy

Quantum information and wavepackets

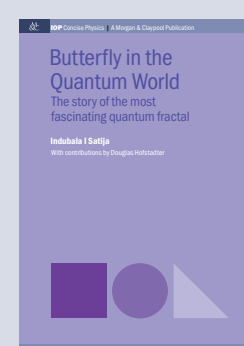
Quantum information and wavepackets

**Authors:** Joel Yuen-Zhou, Jacob J Krich, Ivan Kassal, Allan S Johnson and Alán Aspuru-Guzik

**Reviewer:** John J Shea

**Published in:** IEEE Electrical Insulation Magazine

“...(the authors) have clearly made it a priority to help researchers entering... the field of ultrafast spectroscopy... by providing a concise cogent introduction to this active research area.”



### Butterfly in the Quantum World

The story of the most fascinating quantum fractal

**Author:** Indubala I Satija

With contributions from Douglas Hofstadter

**Published in:** Zentralblatt MATH

“Stimulating images, illustrations and poems are included, making this book an enjoyable read. The book can be recommended for students in physics as well as mathematics.”