



Hideo Aoki, Mildred S. Dresselhaus (Eds.)

Physics of Graphene

Series: NanoScience and Technology

- Edited and written by leaders in the field
- Gives the physical basis for micro- and nano electronic applications of graphene
- Presents unusual properties of graphene systems
- Provides the experimental techniques to study graphene
- Summarizes research on multilayer and monolayer graphene systems

This book provides a state of the art report of the knowledge accumulated in graphene research. The fascination with graphene has been growing very rapidly in recent years and the physics of graphene is now becoming one of the most interesting as well as the most fast-moving topics in condensed-matter physics. The Nobel prize in physics awarded in 2010 has given a tremendous impetus to this topic. The horizon of the physics of graphene is ever becoming wider, where physical concepts go hand in hand with advances in experimental techniques. Thus this book is expanding the interests to not only transport but optical and other properties for systems that include multilayer as well as monolayer graphene systems. The book comprises experimental and theoretical knowledge. The book is also accessible to graduate students.

2014, XII, 350 p. 145 illus., 66 illus. in color.

Printed book

Hardcover

169,99 € | £149.99 | \$219.99

^[1]181,89 € (D) | 186,99 € (A) | CHF 200,50

Softcover

119,99 € | £109.99 | \$149.99

^[1]128,39 € (D) | 131,99 € (A) | CHF 141,50

eBook

96,29 € | £87.50 | \$109.00

^[2]96,29 € (D) | 96,29 € (A) | CHF 113,00

Available from your library or
springer.com/shop

MyCopy ^[3]

Printed eBook for just

€ | \$ 24.99

springer.com/mycopy

Order online at springer.com / or for the Americas call (toll free) 1-800-SPRINGER / or email us at: customerservice@springernature.com. / For outside the Americas call +49 (0) 6221-345-4301 / or email us at: customerservice@springernature.com.

The first € price and the £ and \$ price are net prices, subject to local VAT. Prices indicated with [1] include VAT for books; the €(D) includes 7% for Germany, the €(A) includes 10% for Austria. Prices indicated with [2] include VAT for electronic products; 19% for Germany, 20% for Austria. All prices exclusive of carriage charges. Prices and other details are subject to change without notice. All errors and omissions excepted. [3] No discount for MyCopy.

