



Graphene and Graphite Materials

By H.E. Chan

Nova Science Publishers Inc. Hardback. Book Condition: new. BRAND NEW, Graphene and Graphite Materials, H.E. Chan, Graphene is a nanomaterial combining very simple atomic structure with intriguingly complex and largely unexplored physics. Since its first isolation about four years ago researchers suggested a large number of applications for this material in anticipation of future technological revolutions. In particular, graphene is considered as a potential candidate for replacing silicon in future electronic devices. Graphene is a perfect example of the wonders of nanotechnology, in which common substances are scaled down to an atomic level to uncover new and exciting possibilities. The mineral graphite is one of the allotropes of carbon. Unlike diamond (another carbon allotrope), graphite is an electrical conductor, a semimetal, and can be used, for instance, in the electrodes of an arc lamp. This book presents the latest research in the field from around the world.



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