
Table of Contents

Chapter 1 Carbon Nanotubes: Structure and Properties.....	1
<i>John E. Fischer</i>	
Chapter 2 Chemistry of Carbon Nanotubes	37
<i>Eduard G. Rakov</i>	
Chapter 3 Graphite Whiskers, Cones, and Polyhedral Crystals	109
<i>Svetlana Dimovski and Yury Gogotsi</i>	
Chapter 4 Inorganic Nanotubes and Fullerene-Like Materials of Metal Dichalcogenide and Related Layered Compounds	135
<i>R. Tenne</i>	
Chapter 5 Boron Nitride Nanotubes: Synthesis and Structure	157
<i>Hongzhou Zhang and Ying Chen</i>	
Chapter 6 Nanotubes in Multifunctional Polymer Nanocomposites.....	179
<i>Fangming Du and Karen I. Winey</i>	
Chapter 7 One-Dimensional Semiconductor and Oxide Nanostructures	199
<i>Jonathan E. Spanier</i>	
Chapter 8 Nanofiber Technology.....	233
<i>Frank K. Ko</i>	
Index	245