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External Review

All chapters were extensively peer reviewed by senior scientists working in nanophysics and related areas of nanoscience. The external review process was rigorous and ensured that the contributions were at an appropriate technical level for students and researchers alike. The review process also led to a number of changes, including the addition of a chapter on a biological application and a chapter to review one on nanoelectronics.

Organization

The *Handbook of Nanophysics* consists of seven books. Chapters in the first four books (*Principles and Methods*, *Clusters and Nanowires*) describe theory and methods as well as the fundamental physics of nanoscale materials and structures. Although some topics may appear somewhat specialized, they have been included given their potential to lead to better understanding of nanoscale systems. The last three books (*Nanoelectronics and Nanophotonics*, and *Nanomedicine and Nanorobotics*) deal with the technological applications of nanophysics. The chapters are written by authors from various fields of nanoscience in order to encourage new ideas for future fundamental research.

After the first book, which covers the general principles of theory and measurements of nanoscale systems, the organization roughly follows the historical development of nanoscience. Cluster scientists pioneered the field in the 1980s, followed by extensive

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