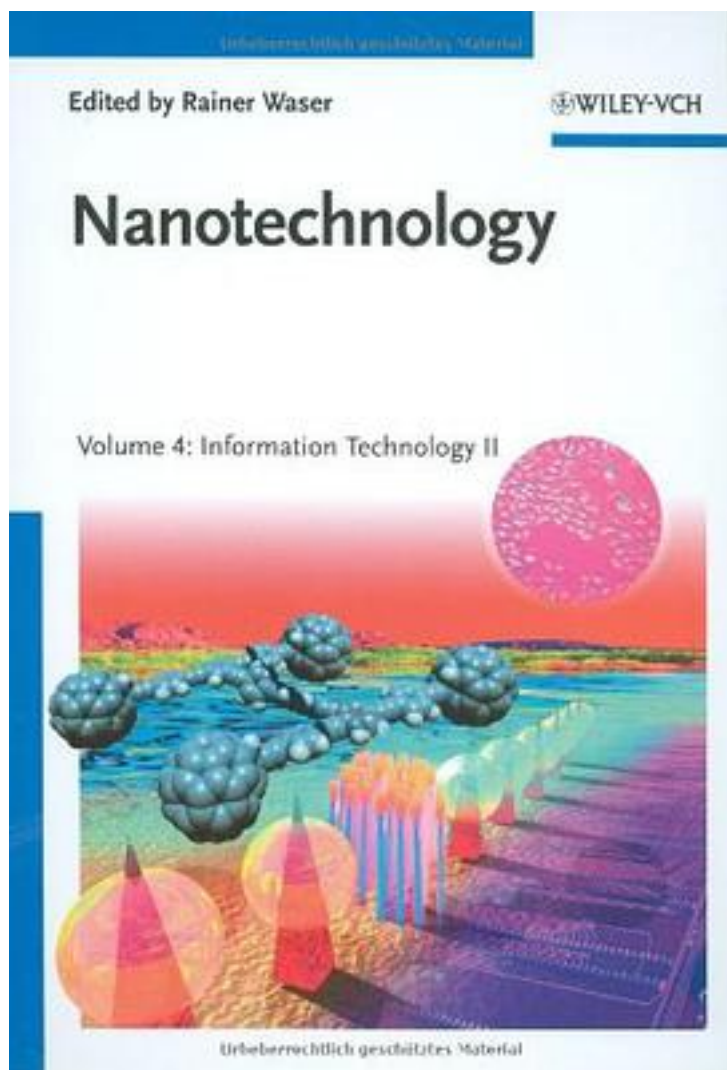


Nanotechnology



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著者:Theodore, Louis

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A practical workbook that bridges the gap between theory and practice in the nanotechnology field

Because nanosized particles possess unique properties, nanotechnology is rapidly becoming a major interest in engineering and science. Nanotechnology: Basic Calculations for Engineers and Scientists-a logical follow-up to the author's previous text, Nanotechnology: Environmental Implications and Solutions-presents a practical overview of nanotechnology in a unique workbook format.

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- * Applications
- * Environmental concerns

These problems have been carefully chosen to address the most important basic concepts, issues, and applications within each area, including such topics as patent evaluation, toxicology, particle dynamics, ventilation, risk assessment, and manufacturing. An introduction to quantum mechanics is also included in the Appendix. These stand-alone problems follow an orderly and logical progression designed to develop the reader's technical understanding.

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