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*By Garnett W. Bryant, Glenn S. Solomon*

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Quantum technology is the key to next-generation fiber optic and laser equipment. This cutting-edge book is an in-depth examination of how this groundbreaking technology is being manufactured and used in optical devices. A panel of leading experts has been assembled to discuss practical design and application issues as well as vanguard research. The book presents a solid tutorial that brings optics and material engineers quickly up to speed on the optical properties of quantum dots and wires. It includes a detailed survey of current fabrication techniques, placing special focus on bottom-up growth methods that have the most potential for fabricating atomically precise structures.

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- Sales Rank: #2366703 in Books
- Brand: Brand: Artech House
- Published on: 2004-12-13
- Original language: English
- Number of items: 1
- Dimensions: 9.26" h x 1.34" w x 6.30" l, 1.92 pounds
- Binding: Hardcover
- 570 pages

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### **Editorial Review**

#### **About the Author**

Garnett W. Bryant is a physicist with the National Institute of Standards and Technology. He holds a Ph.D. in physics from Indiana University and a B.S. in physics for the University of Kentucky.

Glenn S. Solomon is an assistant professor at Stanford University. He holds a Ph.D. in material science and engineering and a M.S.E. in electrical engineering both from Stanford University.

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