

**「Near-Field Nano/Atom Optics and Technology」
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Motoichi Ohtsu

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Near-Field Nano/Atom Optics and Technology

Intrinsic features of the optical near field open a new frontier in optical science and technology by finally overcoming the diffraction limit to reach nanometric dimensions. But this book goes beyond near-field optical microscopy to cover local spectroscopy, nanoscale optical processing and storage, quantum near-field optics, and atom manipulation. *Near-Field Nano/Atom Optics and Technology* provides the first complete and systematically compiled account of the science and technology required to generate the near field, and features applications including imaging of biological specimens and diagnostics for semiconductor nanomaterials and devices. This monograph will be invaluable to researchers who want to implement near-field optical technology in their own work, and it can also be used as a textbook for graduate or undergraduate students.

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