「Progress in Nano-Electro-Optics Ⅶ」(Springer) 2009.11.26

SPRINGER SERIES IN OPTICAL SCIENCES 155

「Progress in Nano-Electro-Optics Ⅶ」

Chemical, Biological, and Nanophotonic Technologies for Nano-Optical Devices and Systems

Motoichi Ohtsu

Springer

2009.11.26

ISBN 978-3-642-03950-8

Motoichi Ohtsu
Editor

SPRINGER SERIES IN OPTICAL SCIENCES 155

Progress in Nano-Electro-Optics VII

Chemical, Biological, and Nanophotonic Technologies for Nano-Optical Devices and Systems

Springer

Springer Series in Optical Sciences 155

Motoichi Ohtsu
Editor
Progress in Nano-Electro-Optics VII
Chemical, Biological, and Nanophotonic Technologies
for Nano-Optical Devices and Systems

This book focuses on chemical and nanophotonic technology to be used to develop novel nano-optical devices and systems. It begins with temperature- and photo-induced phase transition of ferromagnetic materials. Further topics include: energy transfer in artificial photosynthesis, homoepitaxial multiple quantum wells in ZnO, near-field photochemical etching and nanophotonic devices based on a nonadiabatic process and optical near-field energy transfer, respectively and polarization control in the optical near-field for optical information security. Taken as a whole, this overview will be a valuable resource for engineers and scientists working in the field of nano-electro-optics.

ISBN 978-3-642-03950-8
9 783642 039508
springer.com