DESCRIPTION

Based on a popular article in *Laser and Photonics Reviews*, this book provides an explanation and overview of the techniques used to model, make, and measure metal nanoparticles, detailing results obtained and what they mean. It covers the properties of coupled metal nanoparticles, the nonlinear optical response of metal nanoparticles, and the phenomena that arise when light-emitting materials are coupled to metal nanoparticles. It also provides an overview of key potential applications and offers explanations of computational and experimental techniques giving readers a solid grounding in the field.

ABOUT THE AUTHOR

MATTHEW PELTON, PhD, is a Physicist at the Center for Nanoscale Materials, Argonne National Laboratory, researching the new physical phenomena that arise when light interacts with nanomaterials.

GARNETT BRYANT, PhD, is a Supervisory Physicist at the National Institute of Standards and Technology (NIST) where he is the Group Leader of the Quantum Processes and Metrology Group conducting research on nanosystems and nanophotonics.
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