Wang

Self-Assembled Quantum Dots

In recent years, the field of self-assembled quantum dots has shown great promise for nanoscale applications in optoelectronics and quantum computing. Worldwide efforts in both theory and experimental investigations have driven the growth, characterization, and applications of quantum dots into an advanced multidisciplinary field. Written by leading experts in the field, provides up-to-date coverage of carrier and spin dynamics and energy transfer and structural interaction among nanostructures. Topics also includes current device applications such as quantum dot lasers and detectors as well as future applications to quantum information processing.

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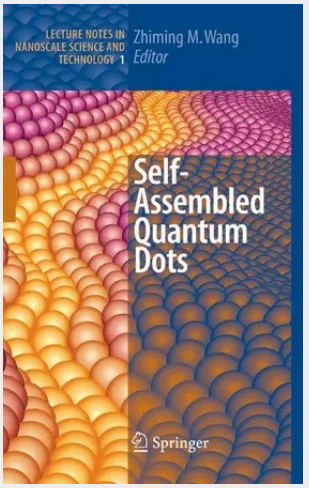

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