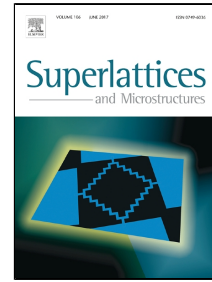


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Linear and nonlinear optical properties of an off-center donor in GaAs/AlGaAs and AlGaAs/GaAs core-shell ellipsoidal quantum dots

L. Shi, Z.W. Yan



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- (1) The influence of different shapes of core and shell has been considered.
- (2) The influence of different positions of impurity has been considered.
- (3) We have investigated both core-shell and inverted core-shell quantum dots.

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