

## Physica B: Condensed Matter

Volume 452, 1 November 2014, Pages 82-91



## Electron-related linear and nonlinear optical responses in vertically coupled triangular quantum dots

J.C. Martínez-Orozco a, b, M.E. Mora-Ramos c, C.A. Duque b ≥ ⊠

Show more 

+ Add to Mendeley 

Share 

Cite

https://doi.org/10.1016/j.physb.2014.07.003

Get rights and content

## **Abstract**

The conduction band states of GaAs-based vertically coupled double triangular quantum dots in two dimensions are investigated within the effective mass and parabolic approximation, using a diagonalization procedure to solve the corresponding Schrödinger-like equation. The effect of