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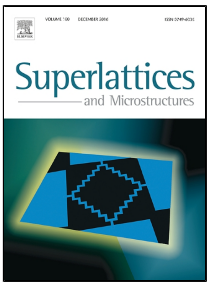

Decoherence time, Hydrogenic-like Impurity Effect and Shannon Entropy on Polaron in RbCl Triangular Quantum Dot Qubit

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Highlights of the paper:

1- Using Pekar variational method, Eigen energies of the ground and first excited states of the polaron in RbCl triangular quantum dot with Hydrogenic impurity.

2- The Study of Coulombic impurity on polaron in RbCl triangular QD was done.

3- The density of probability, decoherence time and Shannon entropy of the polaron in RbCl triangular QD have already been studied.