

# Spin-orbit interactions in circular quantum ring in the presence of magnetic field

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The energy levels are obtained within the framework of perturbation theory for an electron in the semiconductor circular quantum ring in the presence of the Rashba [1] and Dresselhaus [2] spin-orbit interactions of unequal strengths and the external uniform constant magnetic field. Confinement is simulated by the realistic potential well of finite depth [3].

## References

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