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The Orbit Center Dependence of the Energy levels in a Multiple Quantum Wells Under External Tilted Magnetic and Electric Fields

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Abstract: An analytical solution to the Schrödinger equation for a multiple quantum well system subjected to an externally applied electric field the growth direction and an externally applied tilted magnetic field are obtained and the results are discussed. The energy dependence energy spectrum of the system as a function of the external electric field and the orbit center is also discussed.