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Autore	Landau L. D (Lev Davidovich), <1908-1968, >
Titolo	Quantum mechanics : non-relativistic theory / / by L.D. Landau and E. M. Lifshitz ; translated from the Russian by J.B. Sykes and J.S. Bell
Pubbl/distr/stampa	Oxford ; ; New York : , : Pergamon Press, , 1977
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vectors; 30. Parity of a state; 31. Addition of angular momenta; Chapter 5: MOTION IN A CENTRALLY SYMMETRIC FIELD; Publisher Summary; 32. Motion in a centrally symmetric field; 33. Spherical waves; 34. Resolution of a plane wave; 35. Fall of a particle to the centre; 36. Motion in a Coulomb field (spherical polar coordinates)
37. Motion in a Coulomb field (parabolic coordinates)Chapter 6: PERTURBATION THEORY; Publisher Summary; 38. Perturbations independent of time; 39. The secular equation; 40. Perturbations depending on time; 41. Transitions under a perturbation acting for a finite time; 42. Transitions under the action of a periodic perturbation; 43. Transitions in the continuous spectrum; 44. The uncertainty relation for energy; 45. Potential energy as a perturbation; Chapter 7: THE QUASI-CLASSICAL CASE; Publisher Summary; 46. The wave function in the quasi-classical case
47. Boundary conditions in the quasi-classical case48. Bohr and Sommerfeld's quantization rule; 49. Quasi-classical motion in a centrally symmetric field; 50. Penetration through a potential barrier; 51. Calculation of the quasi-classical matrix elements; 52. The transition probability in the quasi-classical case; 53. Transitions under the action of adiabatic perturbations; Chapter 8: SPIN; Publisher Summary; 54. Spin; 55. The spin operator; 56. Spinors; 57. The wave functions of particles with arbitrary spin; 58. The operator of finite rotations
59. Partial polarization of particles

Sommario/riassunto

Quantum Mechanics

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Autore	Workshop on nonlinear physics, theory and experiment <1., ; 1995 ; Gallipoli>
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