

quantum kinematics and dynamics pdf

Quantum mechanics (QM; also known as quantum physics, quantum theory, the wave mechanical model, or matrix mechanics), including quantum field theory, is a fundamental theory in physics which describes nature at the smallest scales of energy levels of atoms and subatomic particles.. Classical physics, the physics existing before quantum mechanics, describes nature at ordinary (macroscopic) scale.

Quantum mechanics - Wikipedia

In quantum physics, quantum state refers to the state of an isolated quantum system. A quantum state provides a probability distribution for the value of each observable, i.e. for the outcome of each possible measurement on the system. Knowledge of the quantum state together with the rules [clarification needed] for the system's evolution in time exhausts all that can be predicted about the ...

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