

PHYSICS 551

PHYSICS 551 is a course in quantum mechanics. It covers the basic principles of quantum mechanics, including wave functions, operators, and the Schrödinger equation. The course is designed for students who have completed a course in classical mechanics and are interested in the quantum theory of matter.

The course is divided into two semesters. The first semester covers the basic principles of quantum mechanics, and the second semester covers more advanced topics, such as the theory of angular momentum and the theory of scattering.

Students who complete this course will have a solid understanding of the basic principles of quantum mechanics and will be well-prepared for more advanced courses in quantum mechanics and quantum field theory.

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