

# **Serway Physics For Scientists And Engineers**

## **5th Edition**

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basic principles of physics physics is a fundamental science because other natural sciences deal with systems that obey physics laws the physical laws of energy matter and nature s forces govern the

mechanics mechanics is the branch of physics that deals with the motion of an object without or with the reference of force mechanics can be further divided into two branches namely quantum mechanics

by nature laws of physics are stated facts which have been deduced and derived based on empirical observations simply put the world around us works in a certain way and physical laws are a way of

physics is a science that deals with the fundamental constituents of the observable universe its scope of study not only involves the behaviour of objects under the action of given forces but also the

atomic physics is the study of the composition of the atom its interactions with other particles and subatomic energy states this branch of physics has been proved to be a brilliant application of

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