# Analysis of situations in which mechanical energy is conserved

Posted by sat on Mon, 2014-03-17 15:21

This online resource deals with the conservation of total mechanical energy.

The resource is a tutorial on the concepts of the conservation of total mechanical energy (TME) during energy transformations and covers the examples of a pendulum, a roller coaster and a ski jumper.

It also has an accompanying illustrative animation and plenty of practice applications for students to try.

**Tags:**
energy transfer
pendulum
roller coaster
gravitational potential energy
kinetic energy
total energy
ski jumper
**External Link:**
Analysis of cases where mechanical energy is conserved
**Source Category:**
Commercial

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Conservation of energy