

Frog Legs

Science Information

Mechanical energy is the energy associated with the motion, position, or deformation of material objects.

Gravitational potential energy is the energy associated with the position of an object. A boulder at the top of a hill has gravitational potential energy.

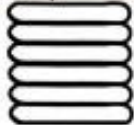


Elastic potential energy is the energy associated with the compression or extension of an elastic (spring-like) object. A compressed spring and a stretched rubber band have elastic potential energy.

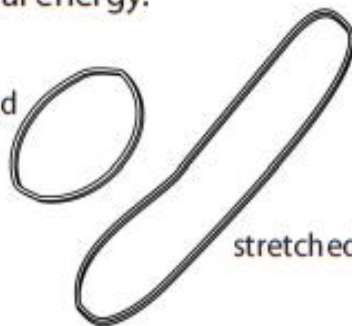


spring

compressed

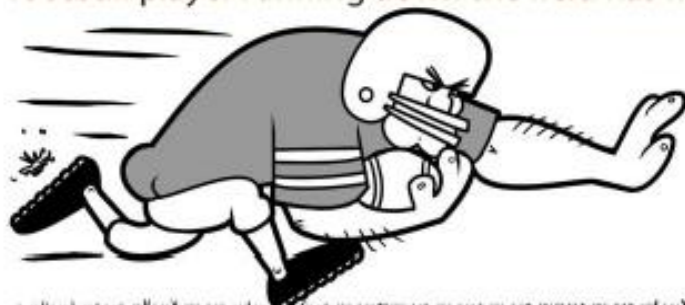


rubber band



stretched

Kinetic energy is the energy associated with the motion of an object. A football player running down the field has kinetic energy.



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The Potential and Kinetic Energy of a Jumping Frog

Science Information

gravitational potential energy

kinetic energy

kinetic energy

elastic potential energy

