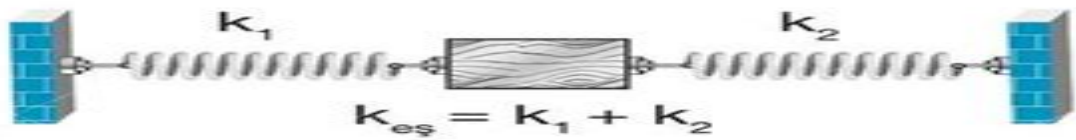




$$E_{\text{yay}} = \frac{1}{2} \cdot k \cdot x^2$$

spring force;
 $F = k \cdot x$

Parallel



$$k_{\text{es}} = k_1 + k_2$$

Series



$$\frac{1}{k_{\text{es}}} = \frac{1}{k_1} + \frac{1}{k_2}$$

Note: If the spring of length M with a constant k is divided into n equal parts, the spring constant of each spring part will be $n \cdot k$.

Springs Simple Machines

Institute for the Crippled and Disabled

A red circular graphic with a gradient, appearing as a stylized arrow or a partial circle, located to the right of the text 'Institute for the Crippled and Disabled'.

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