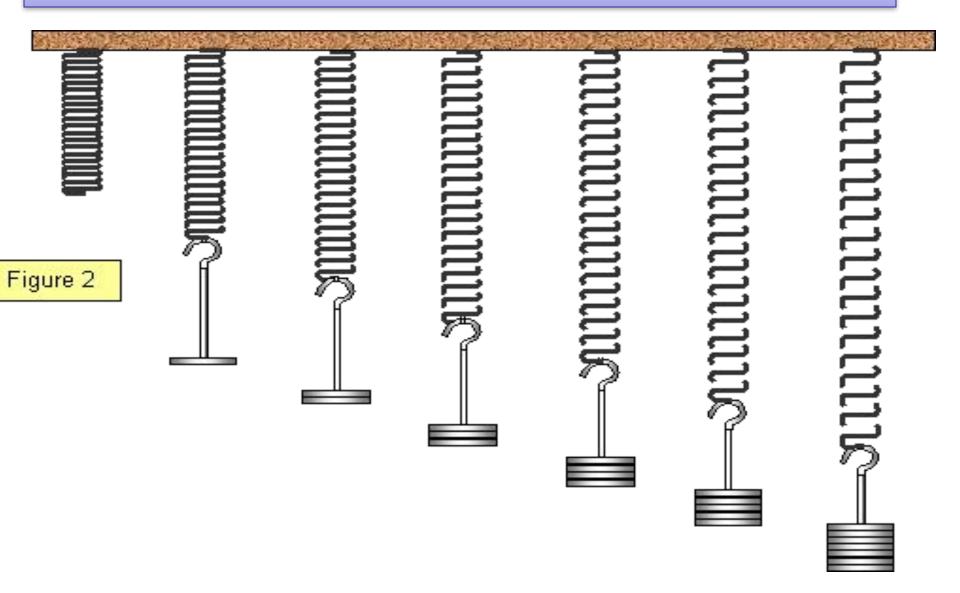
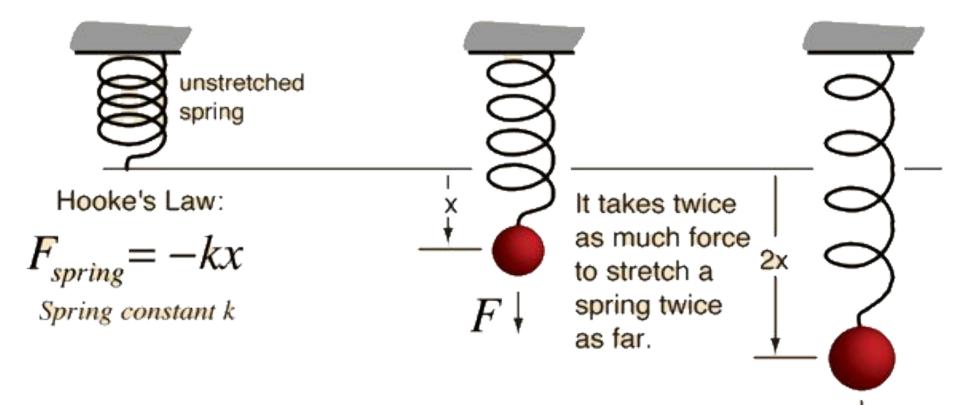
## Stretching springs



## Hooke's law



Robert Hooke (1635-1703)



## F = kx

F = Force applied on the springk = spring constantx = extention of the spring