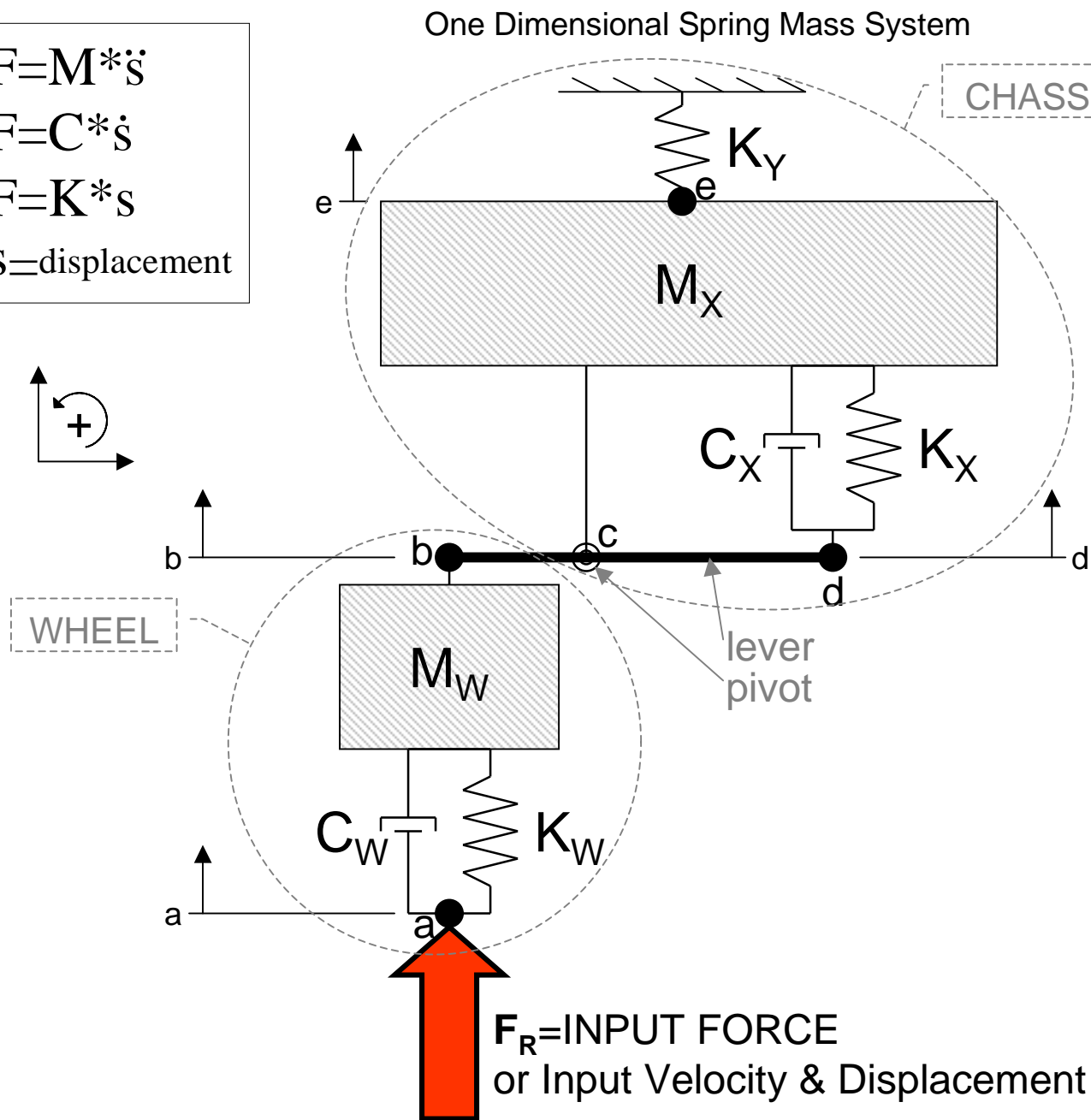


$$F = M \cdot \ddot{s}$$

$$F = C \cdot \dot{s}$$

$$F = K \cdot s$$

$S = \text{displacement}$



Calculate forces  
@ points:

a=

b=

c=

d=

e=

as a function of  
 $F_R$  input force.

-----  
Calculate velocities  
@ points:

a=

b=

e=

As functions of  
Input Velocity & Displacement  
And  $F_R$  input force.