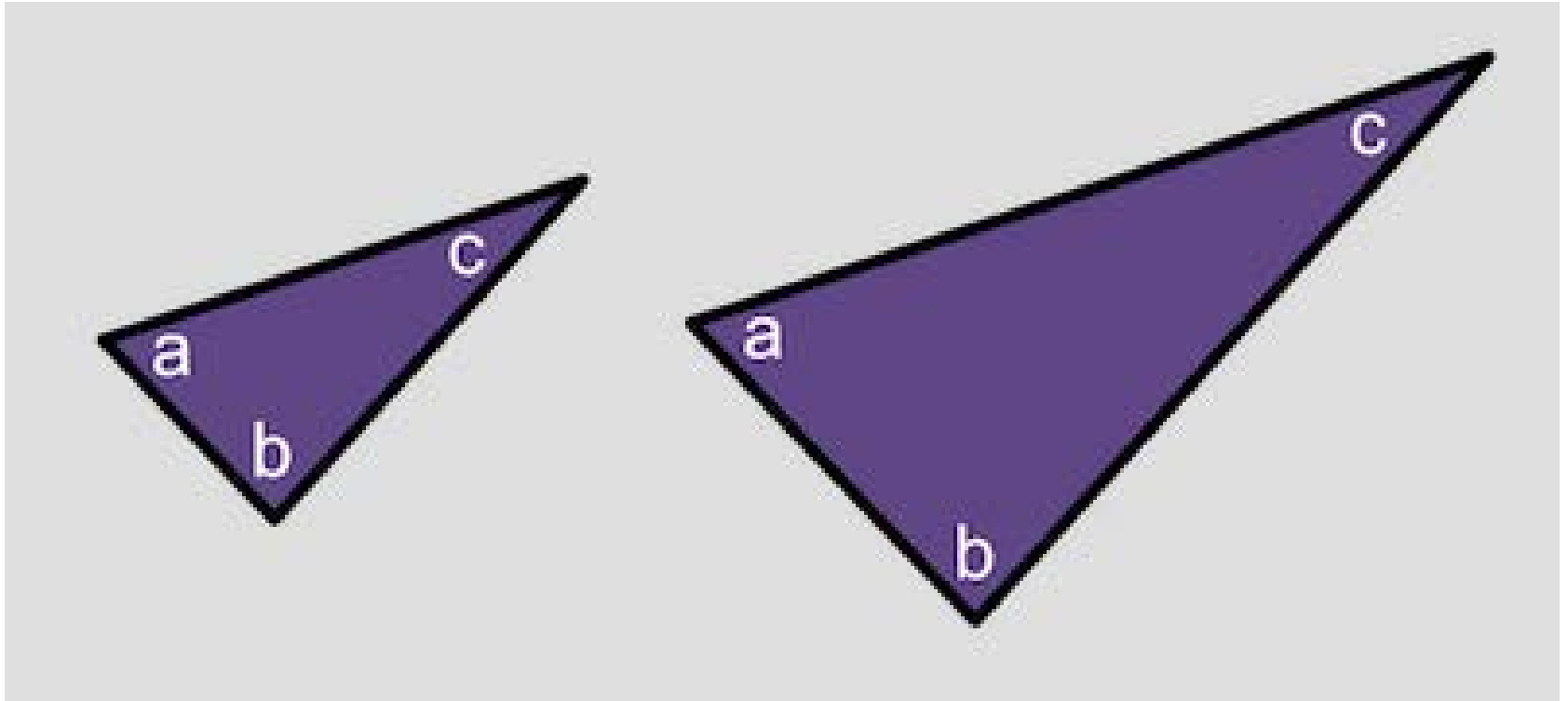
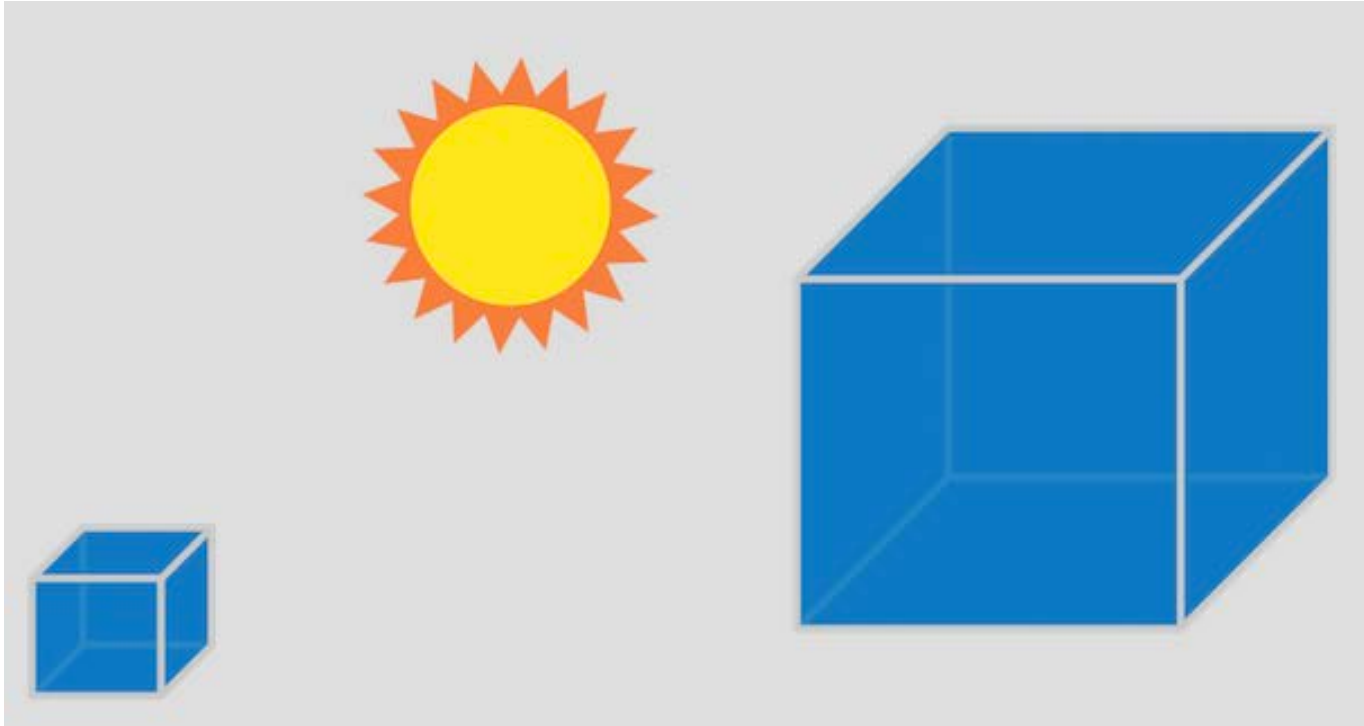
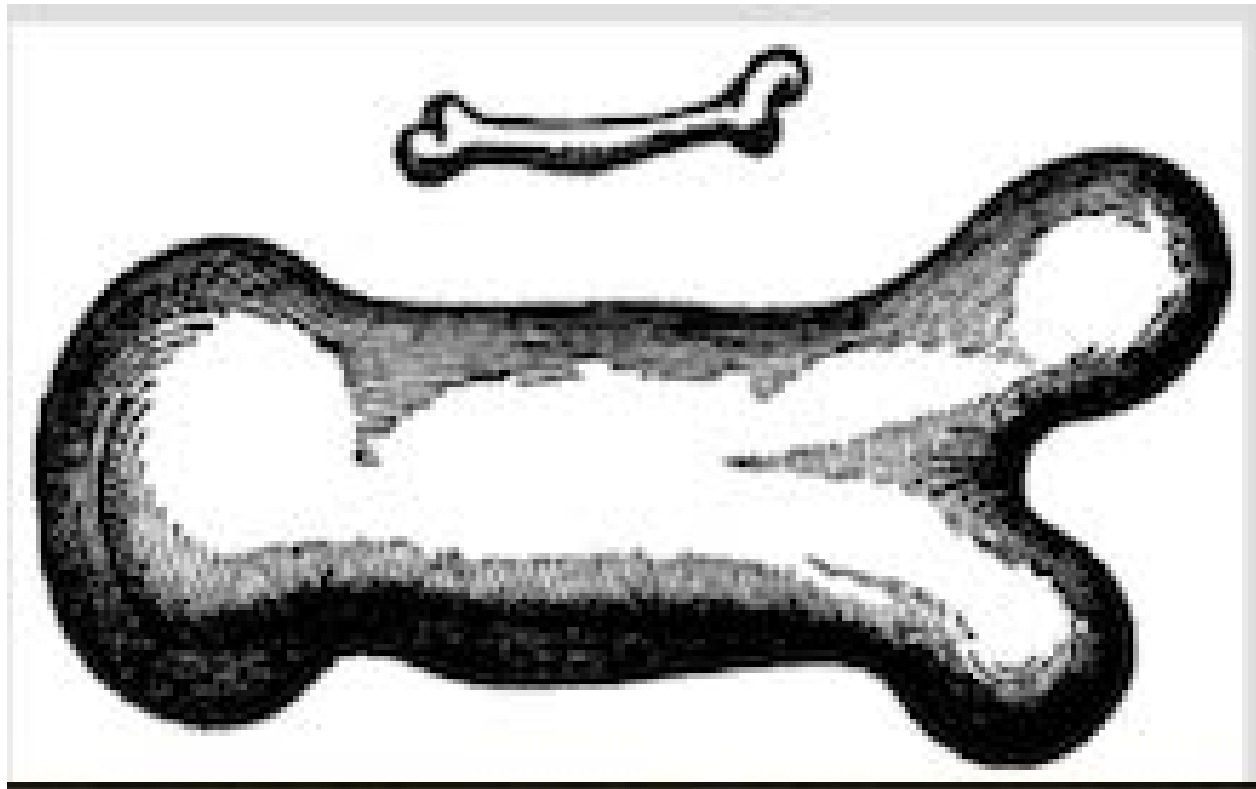
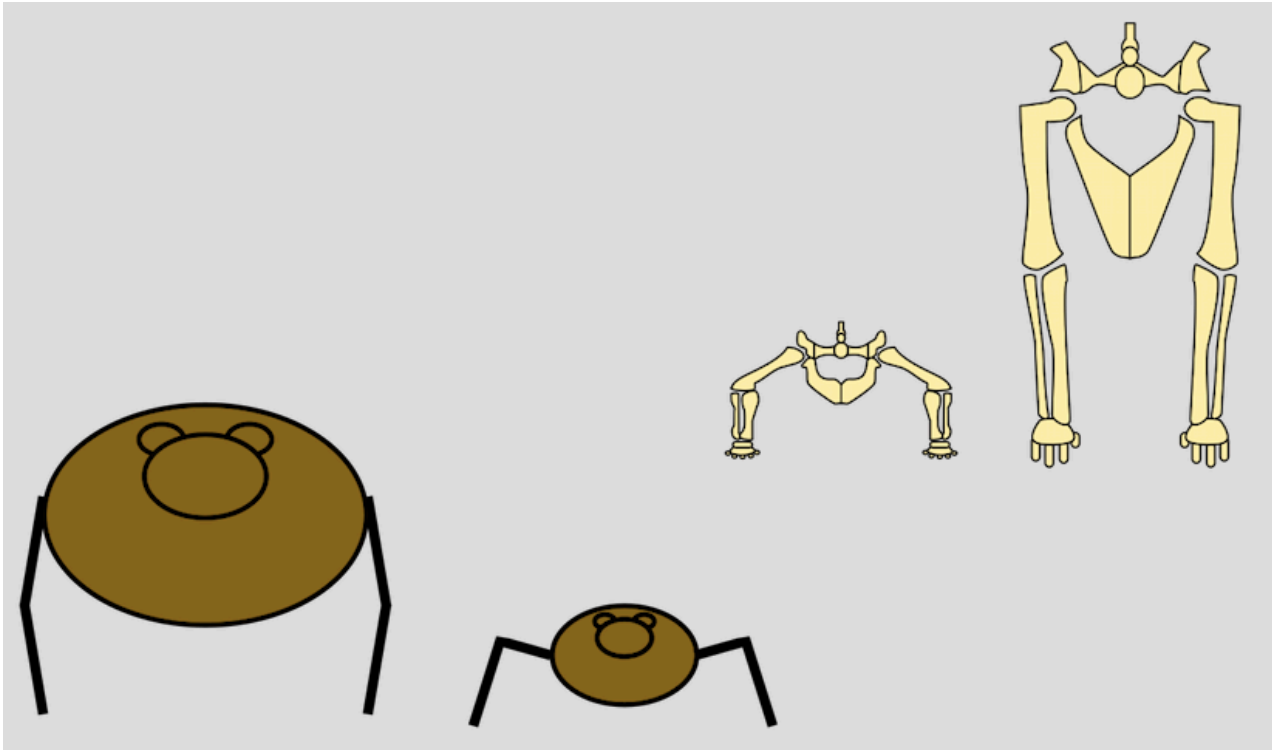


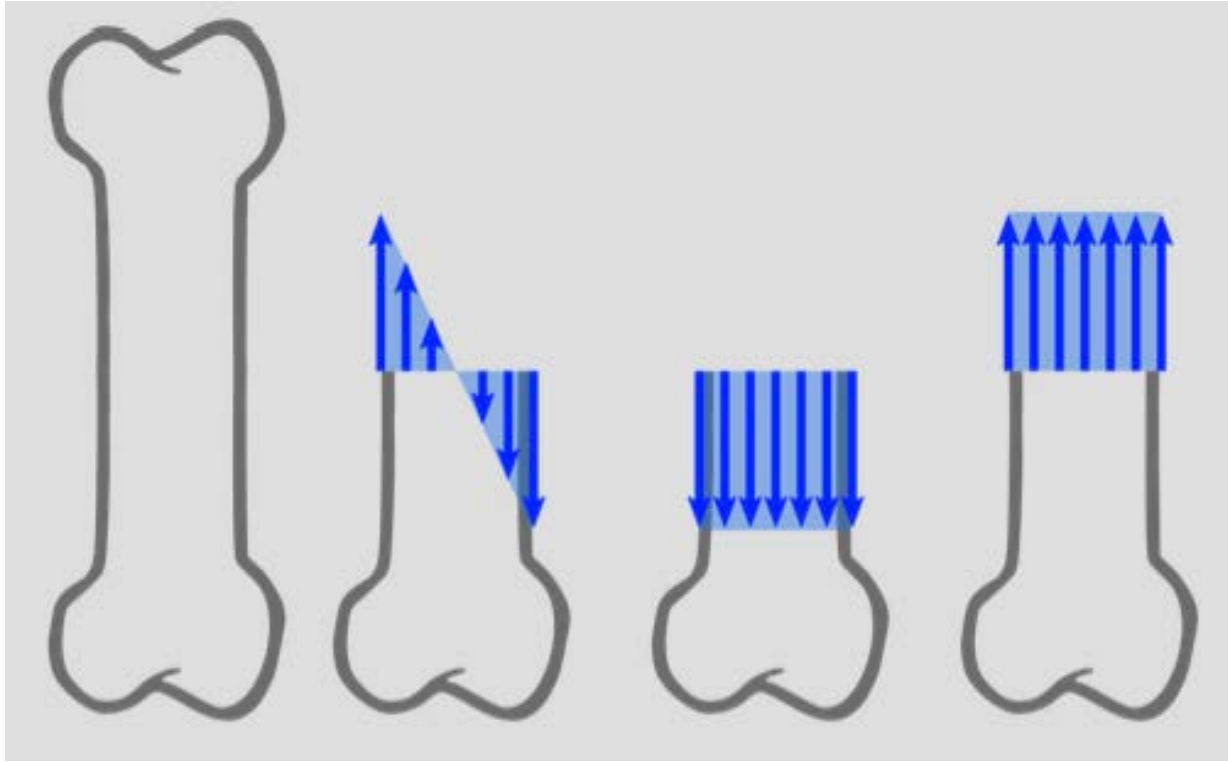
2.1.1



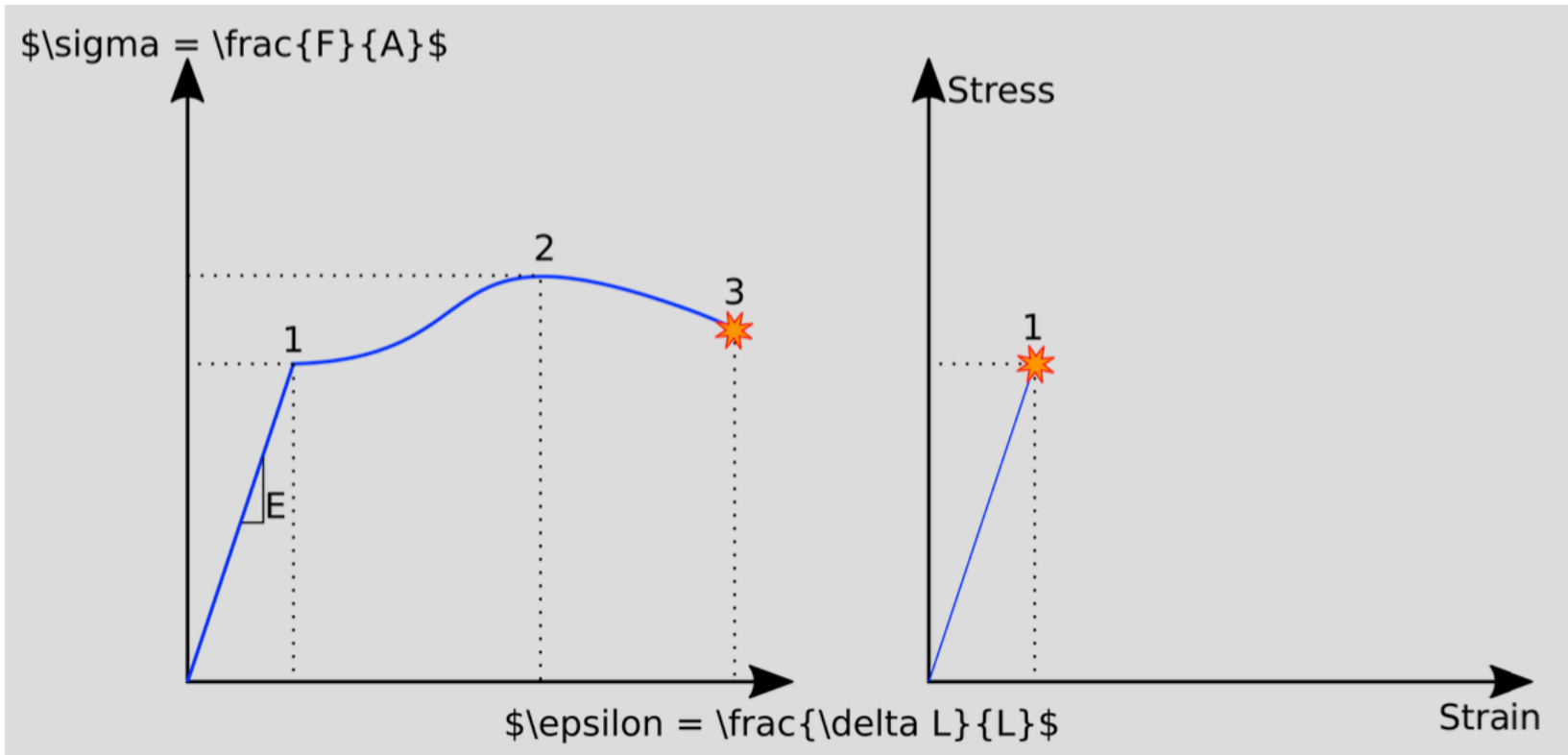








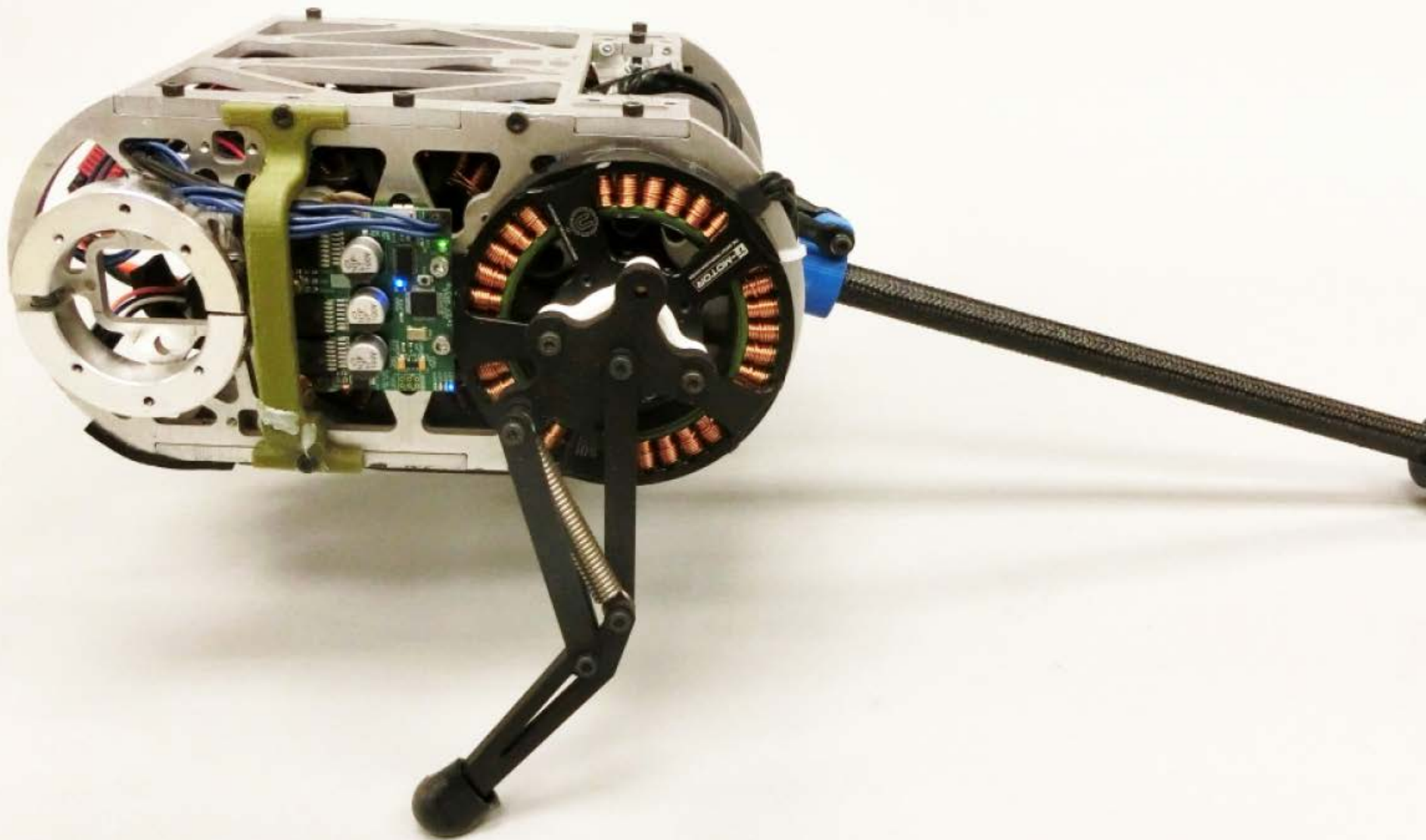
## 2.1.2

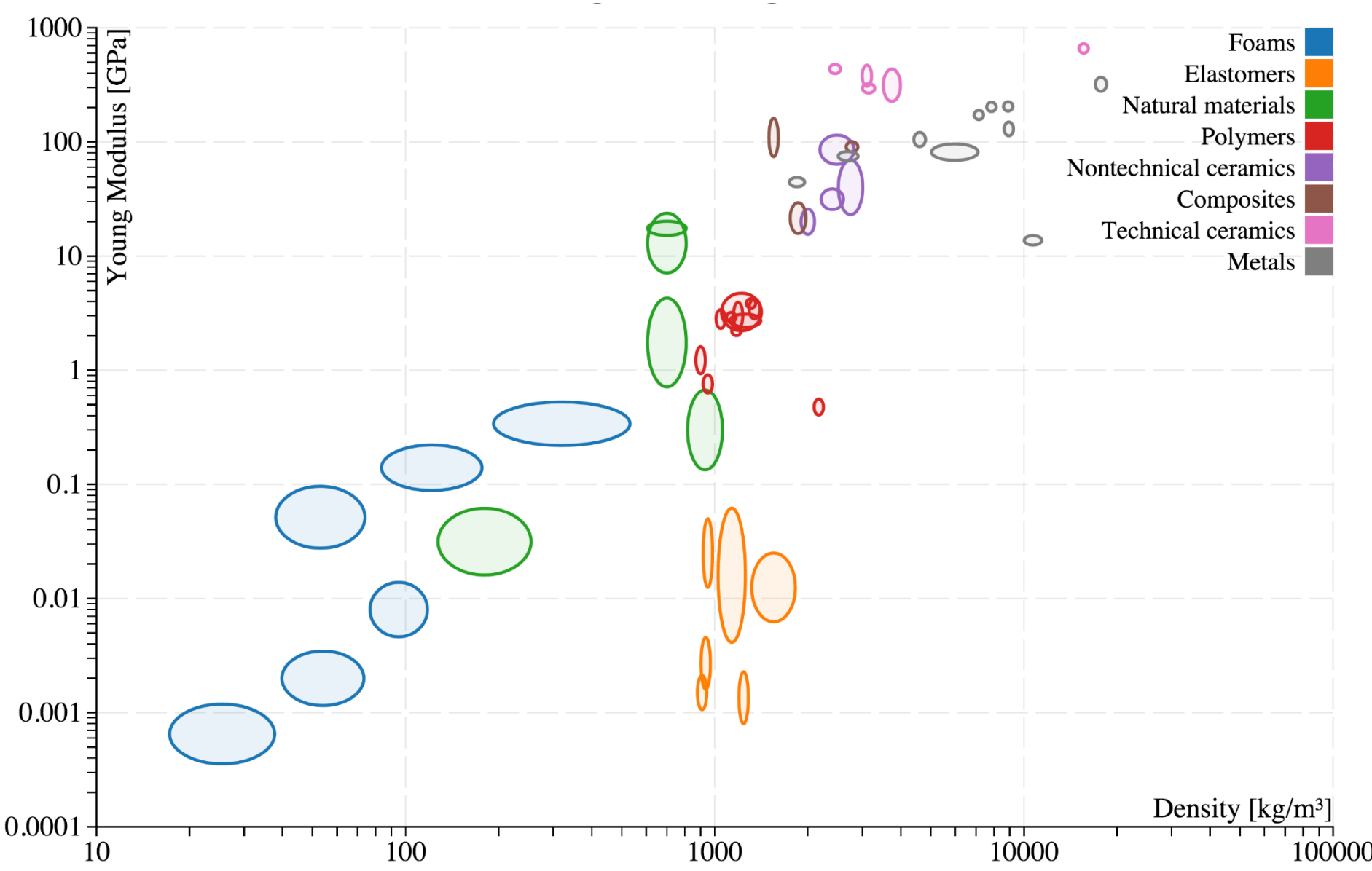


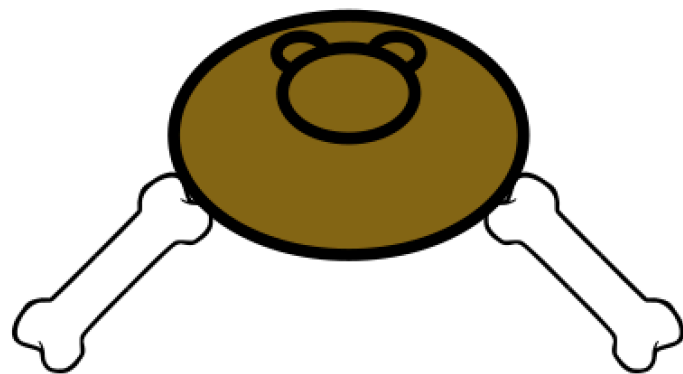
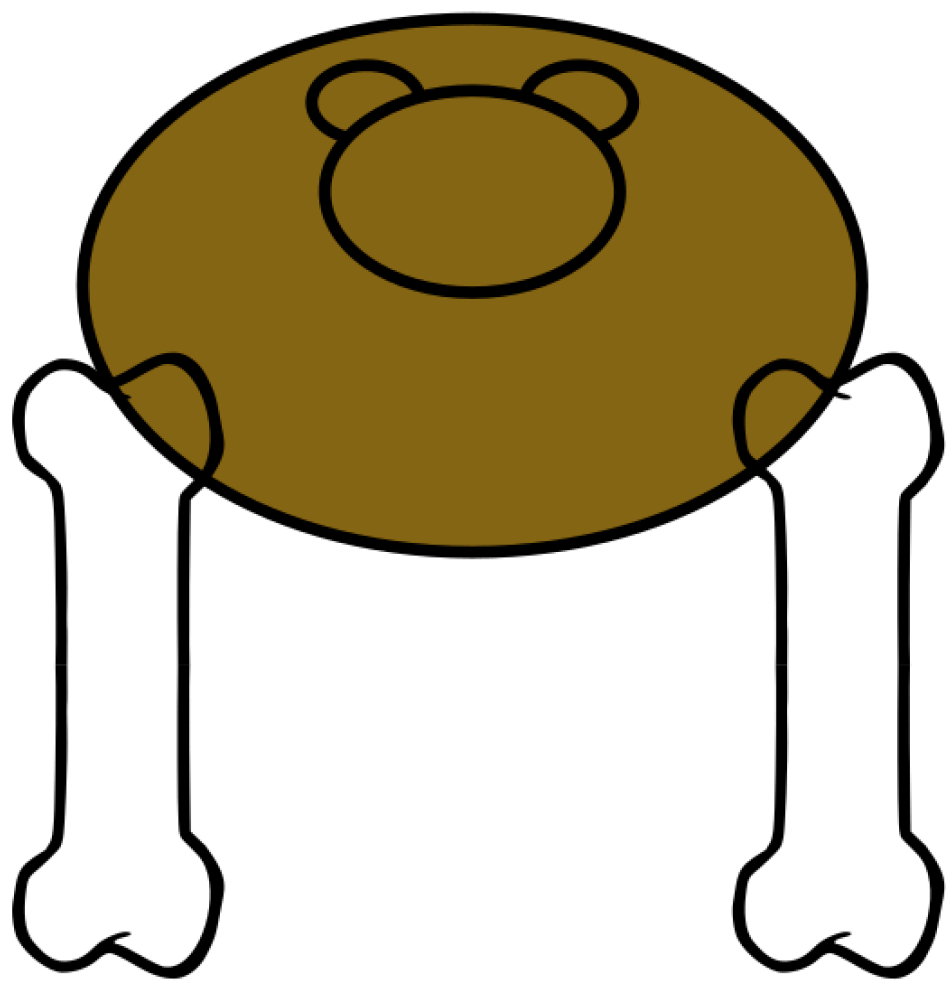
DEMO: bending acrylic  
and aluminum

Video of our makerbot,  
form1











Video of mill and lathe,  
lasercutter

DEMO: lasercut  
heterogeneous materials

Delaminated 3D printed  
part

DEMO: syringe system

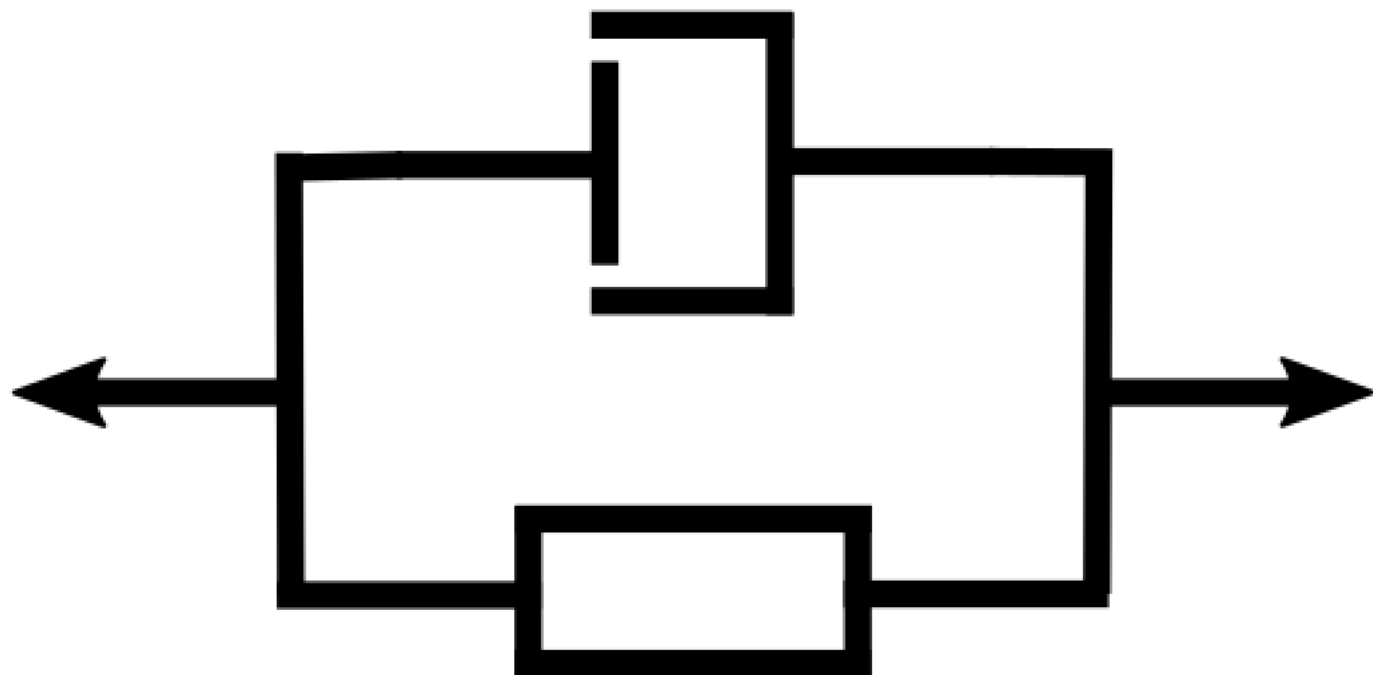


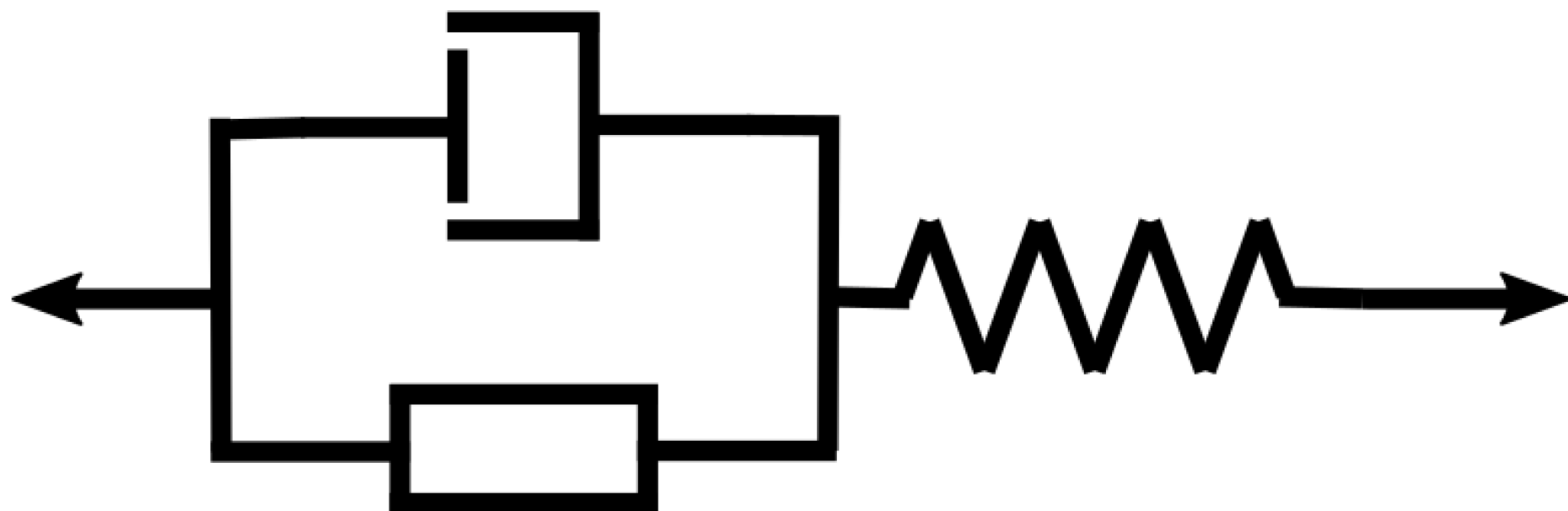
DEMO: syringe system,  
high bandwidth

Egg videos

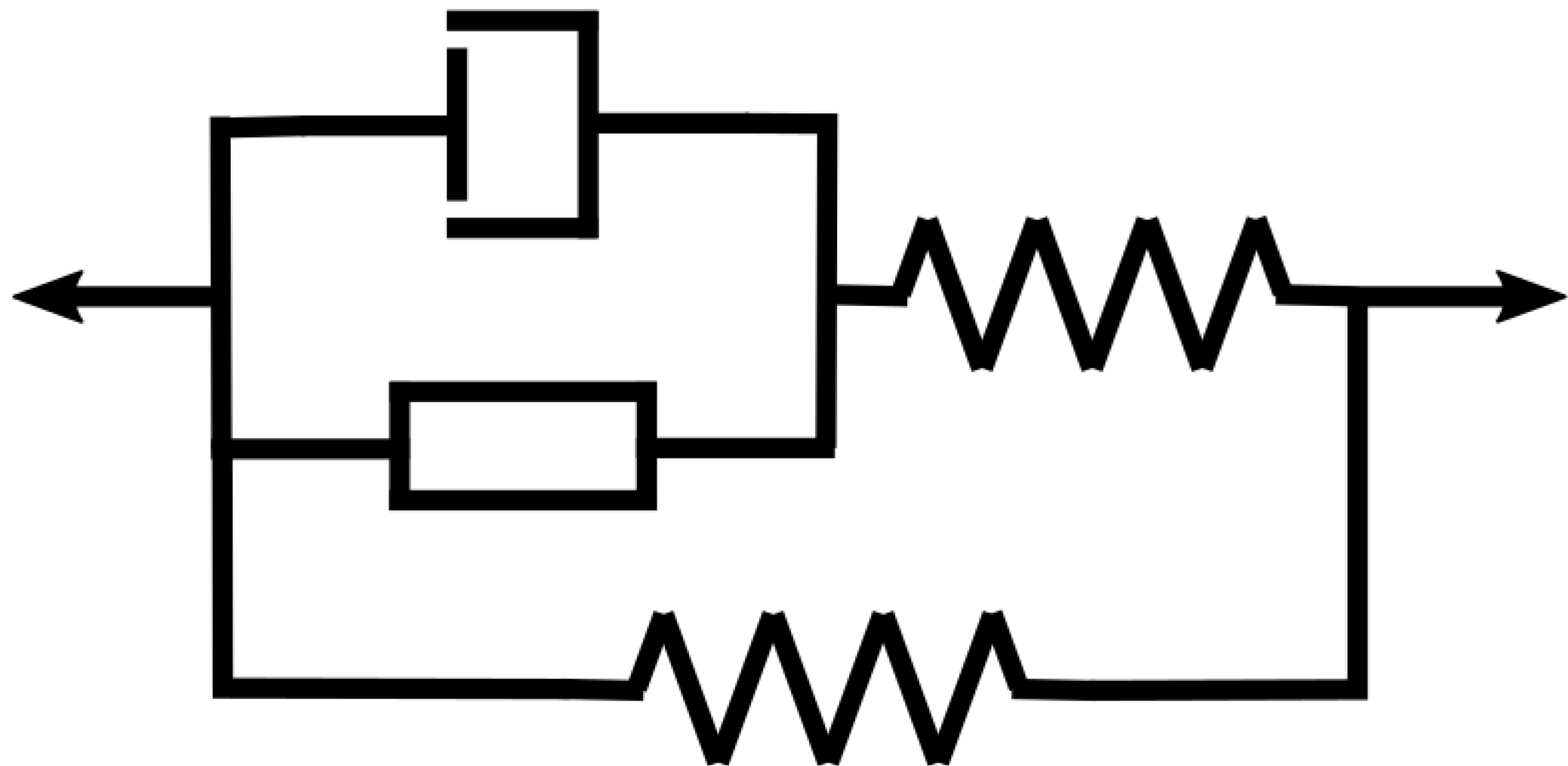


Speed-torque curve





# Comparison of different motor types





FBD of cantilevered  
beam

FBD of bridge

DEMO: example of joints  
(pin, ball, screw)

Video of turner on  
unicycle

RR arm

# Minitaur leg kinematics

Force arrows from  
turner simulation