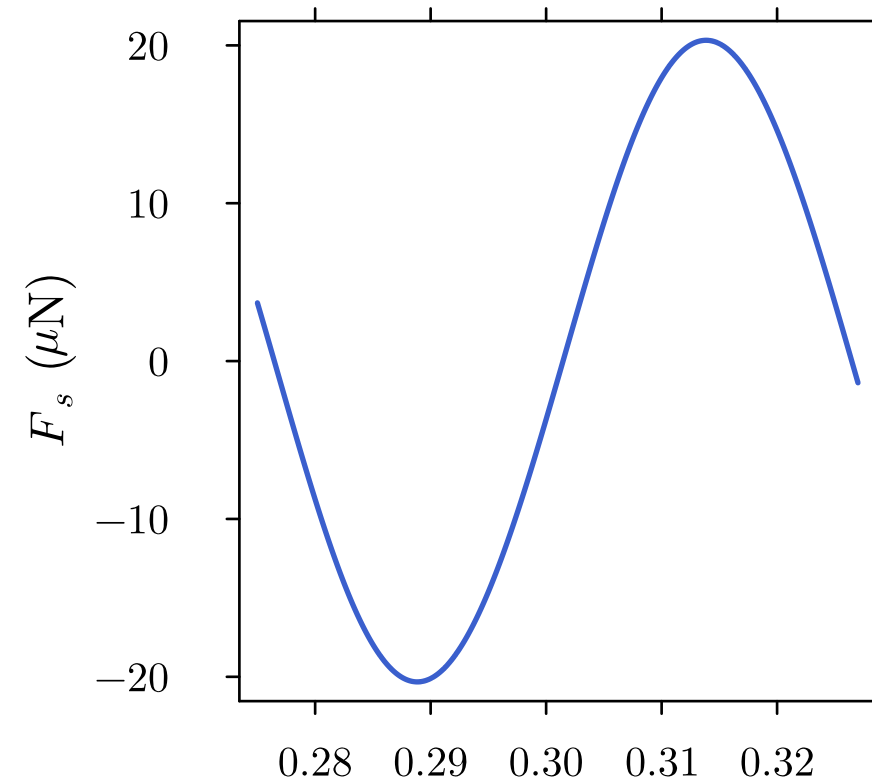
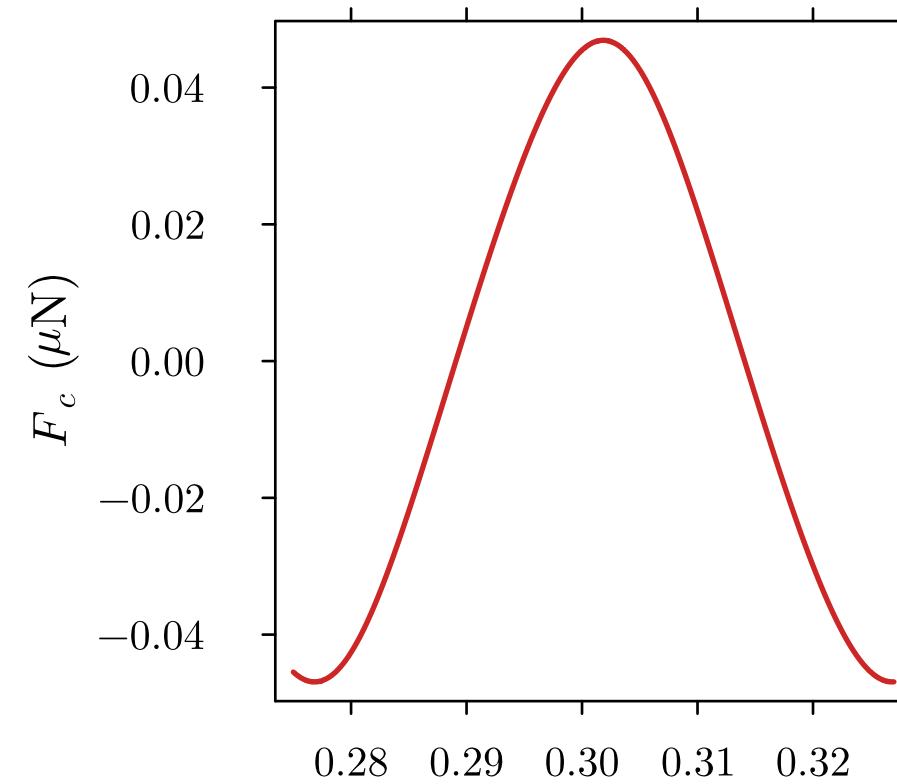


# MEMS Energy Harvester: Forces ( $\alpha = 1.0$ )

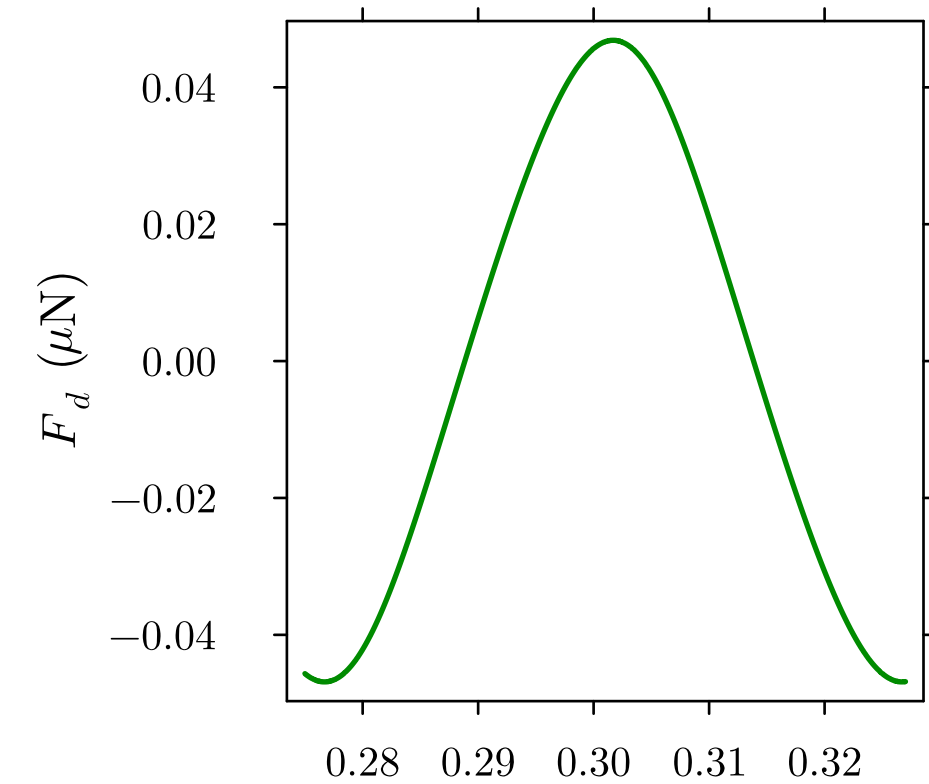
## Spring Force



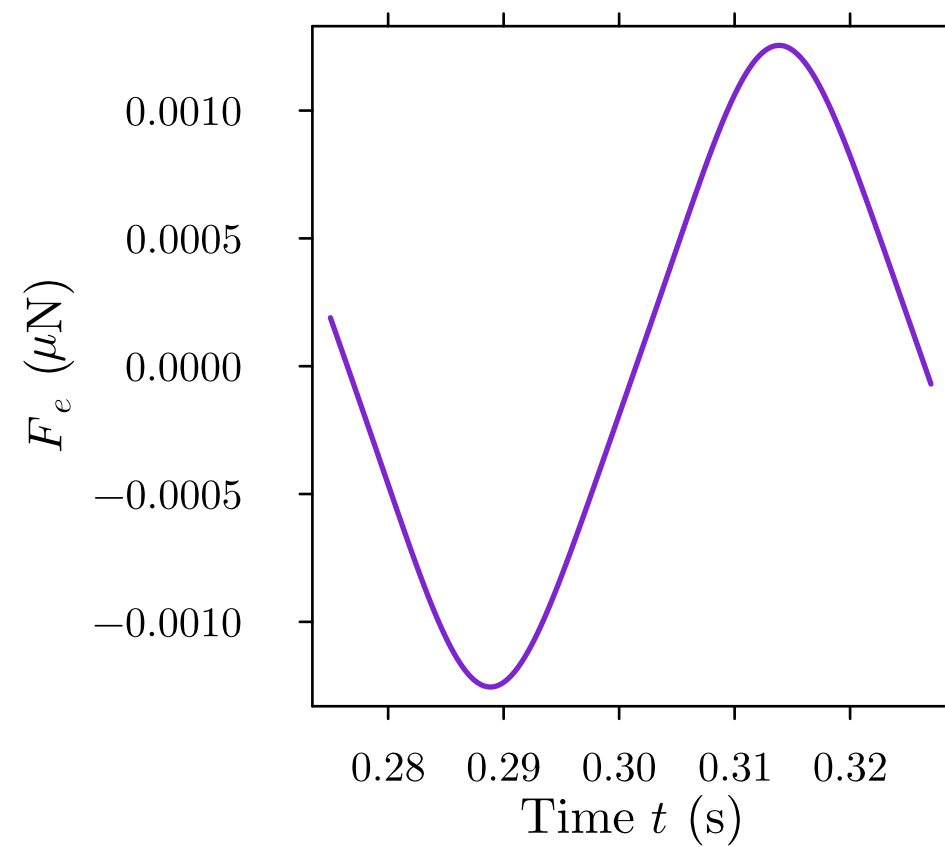
## Collision Force



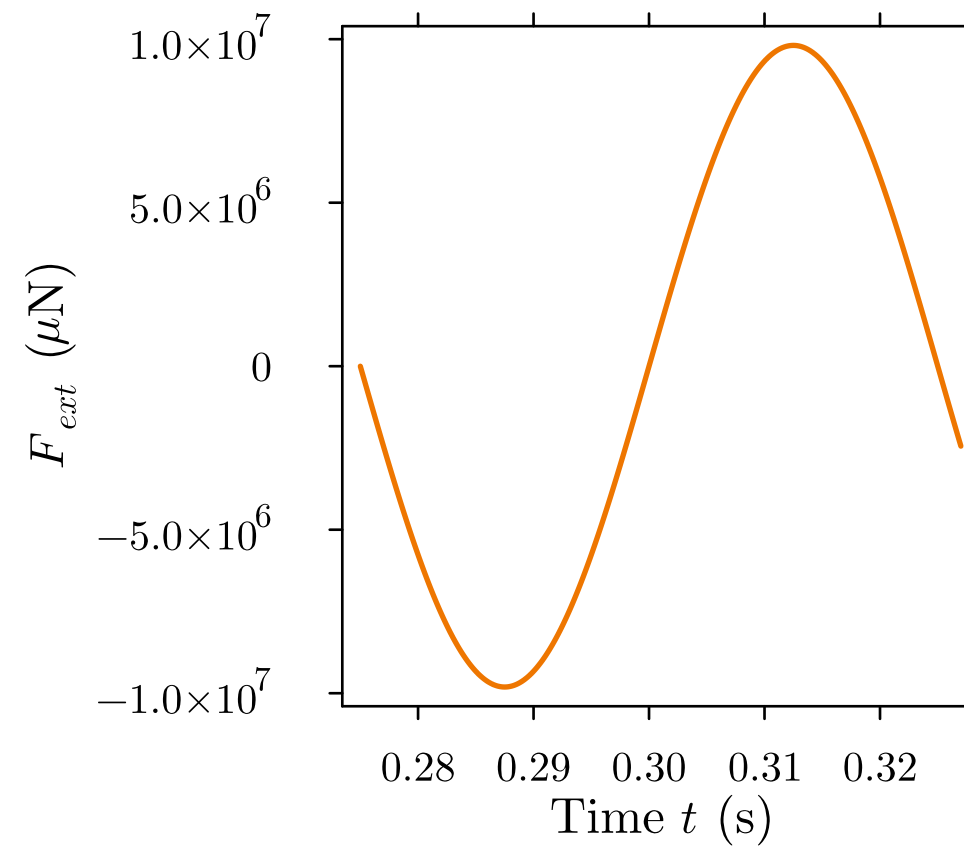
## Damping Force



## Electrostatic Force



## External Force



## Collision State

