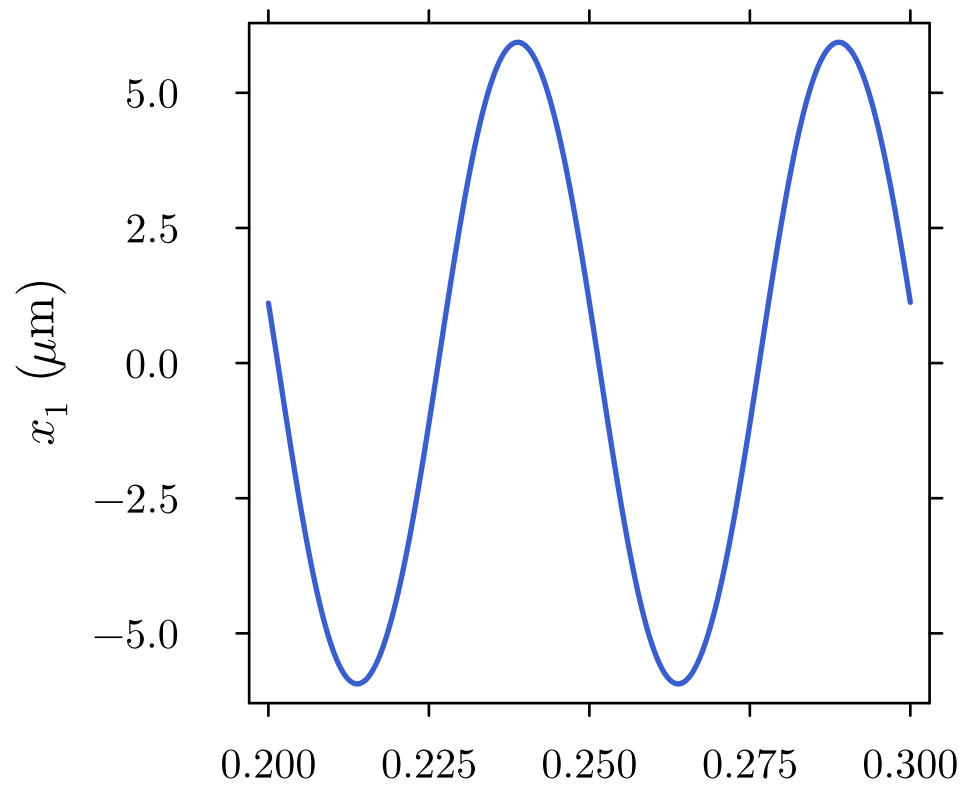
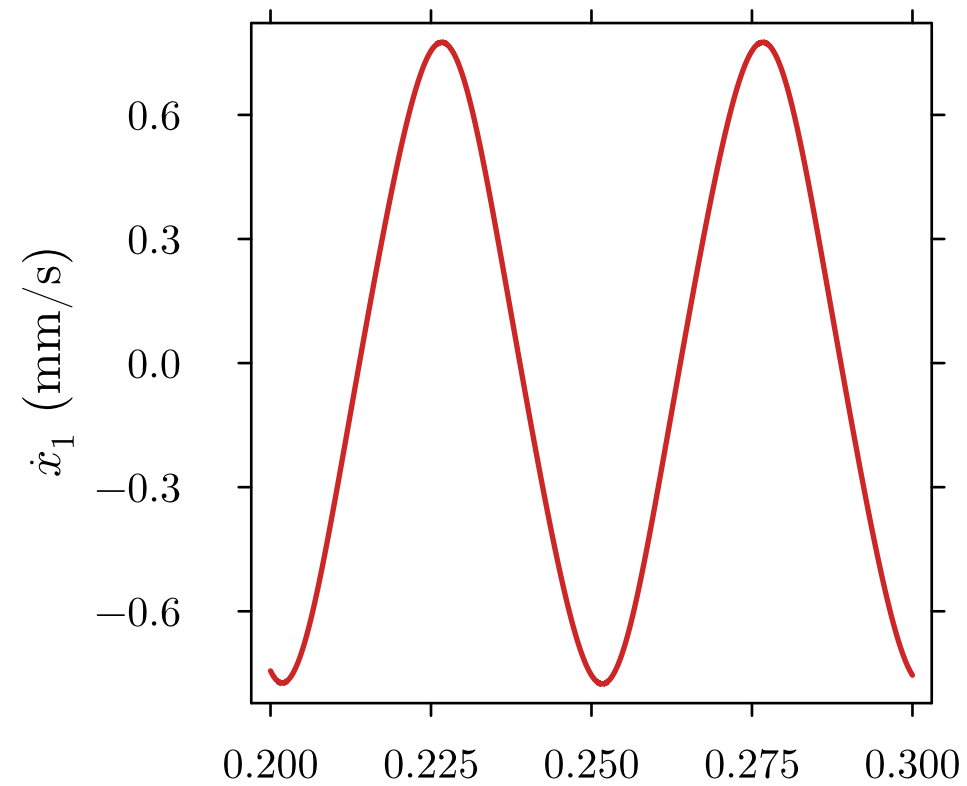


# MEMS Energy Harvester: State Variables ( $\alpha = 1.0$ )

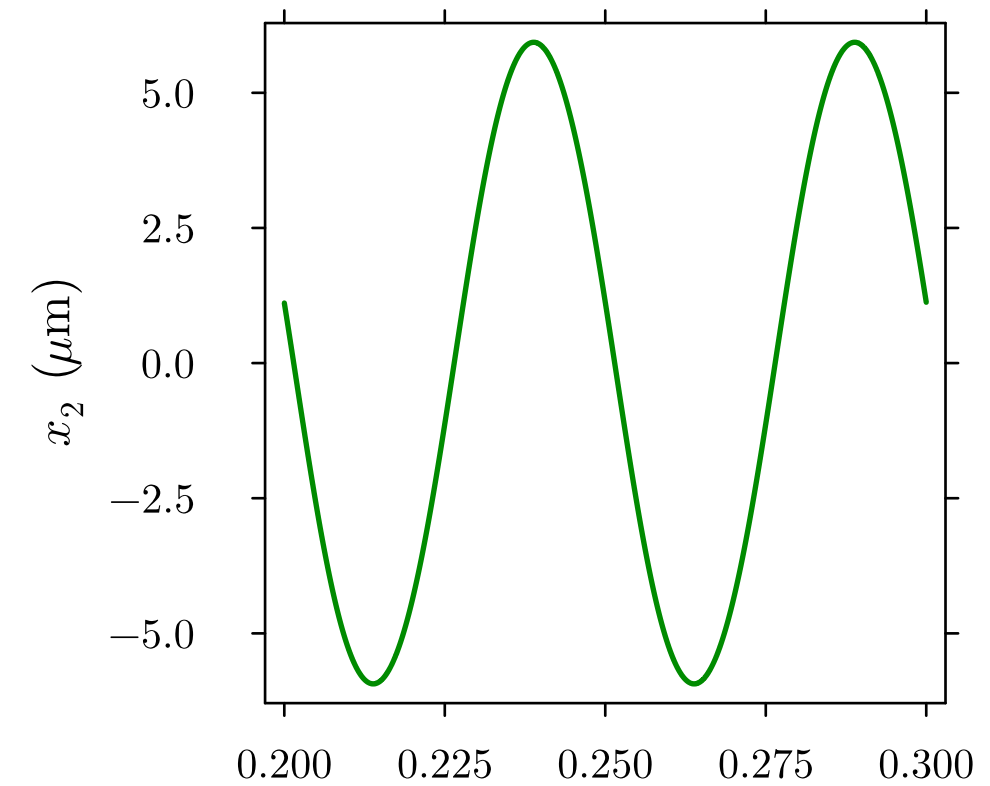
## Shuttle Displacement



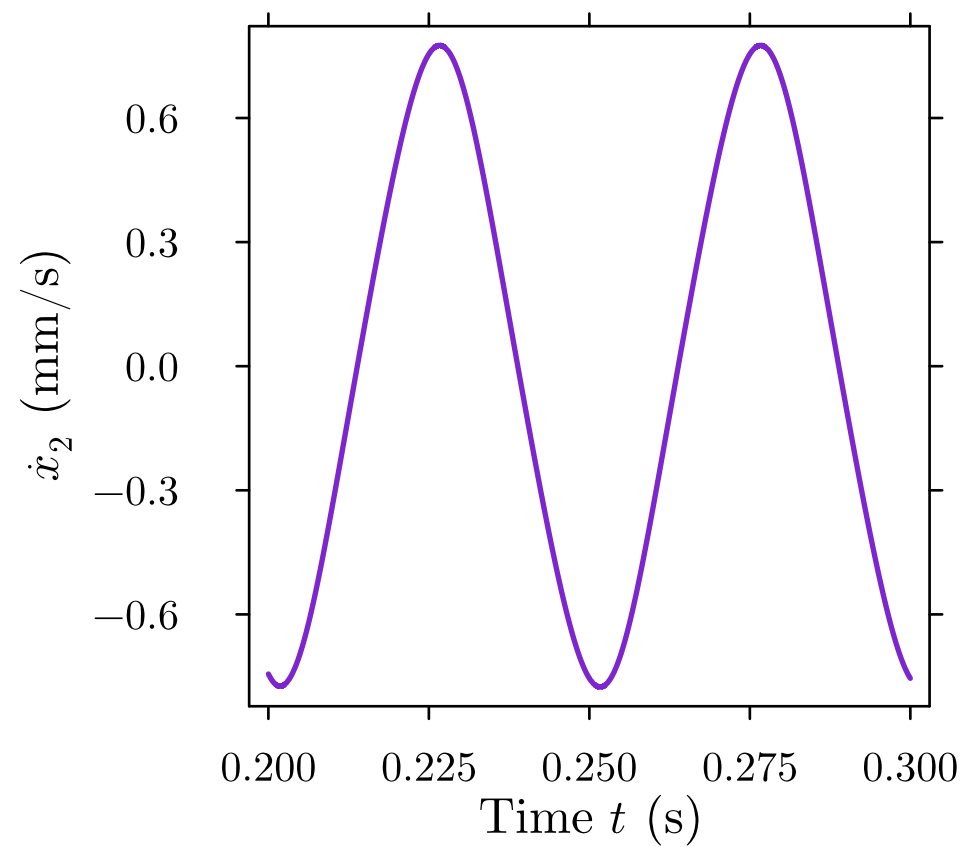
## Shuttle Velocity



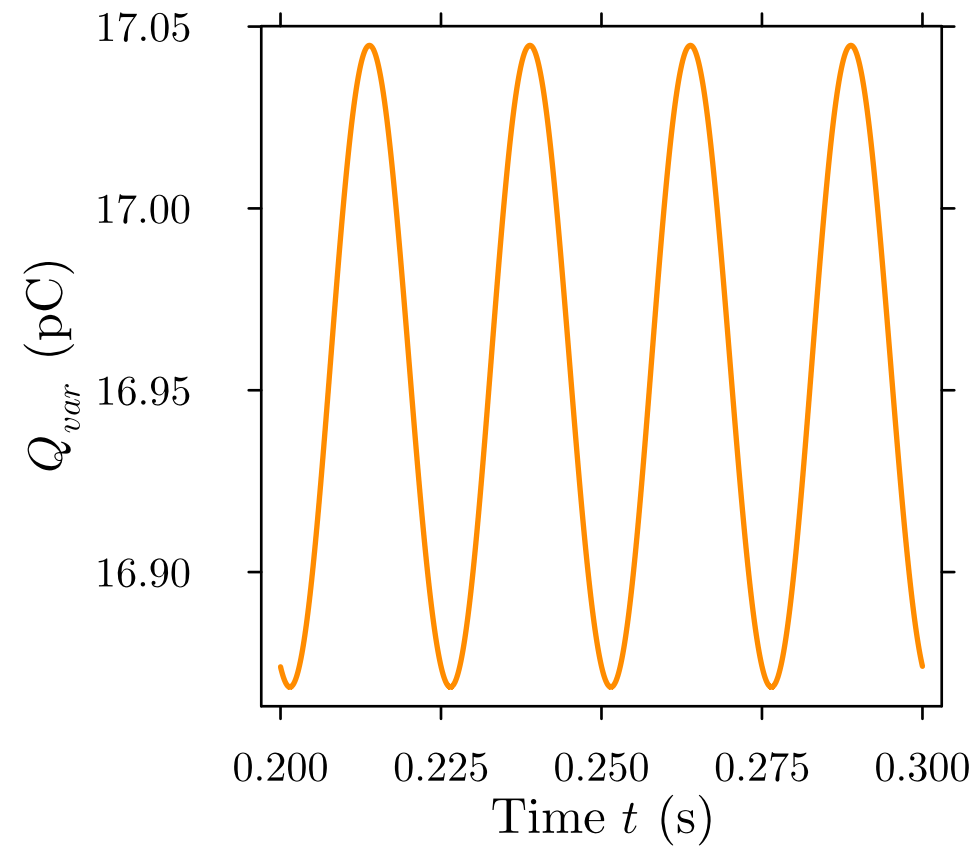
## Electrode Displacement



## Electrode Velocity



## Charge



## Output Voltage

