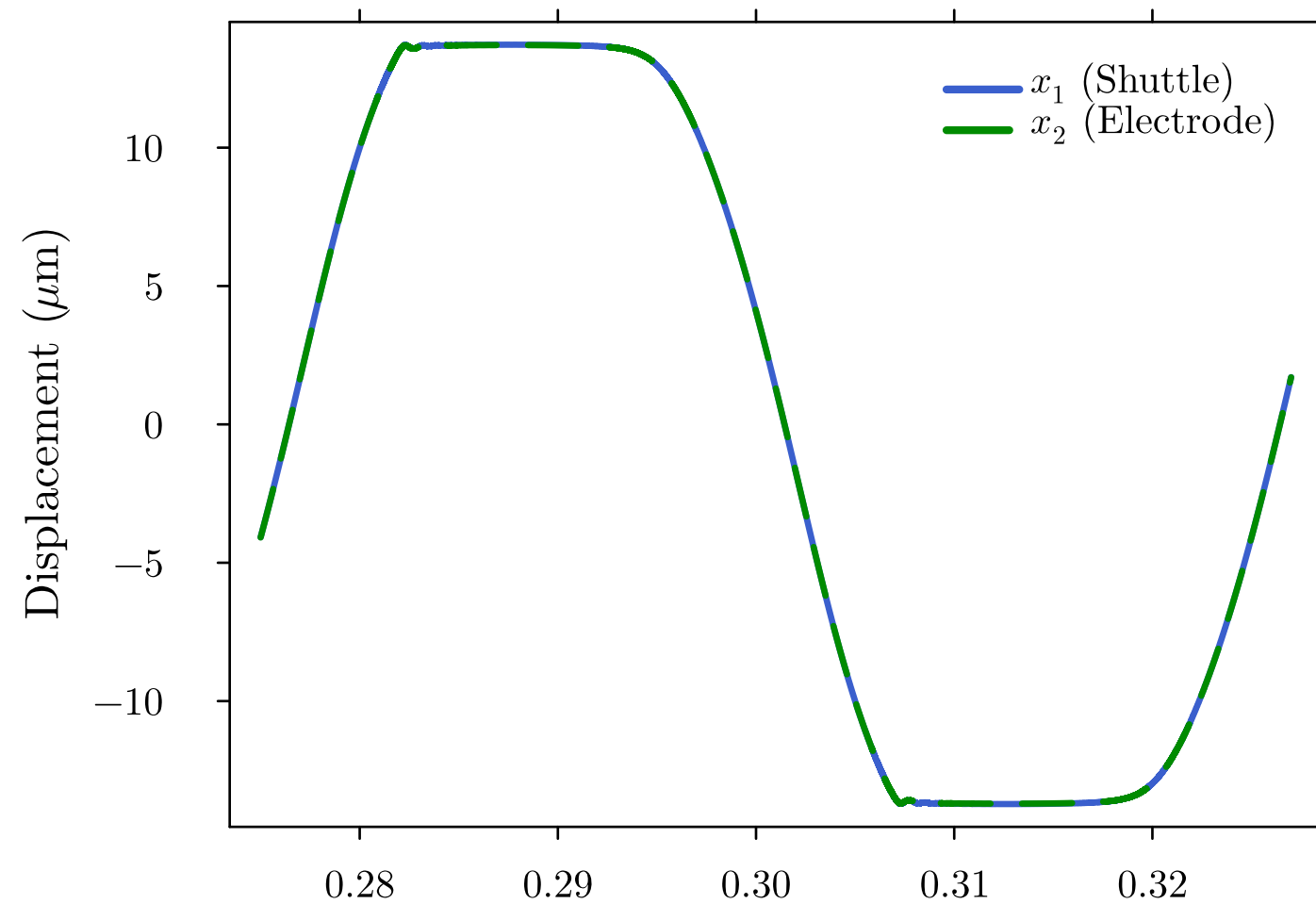
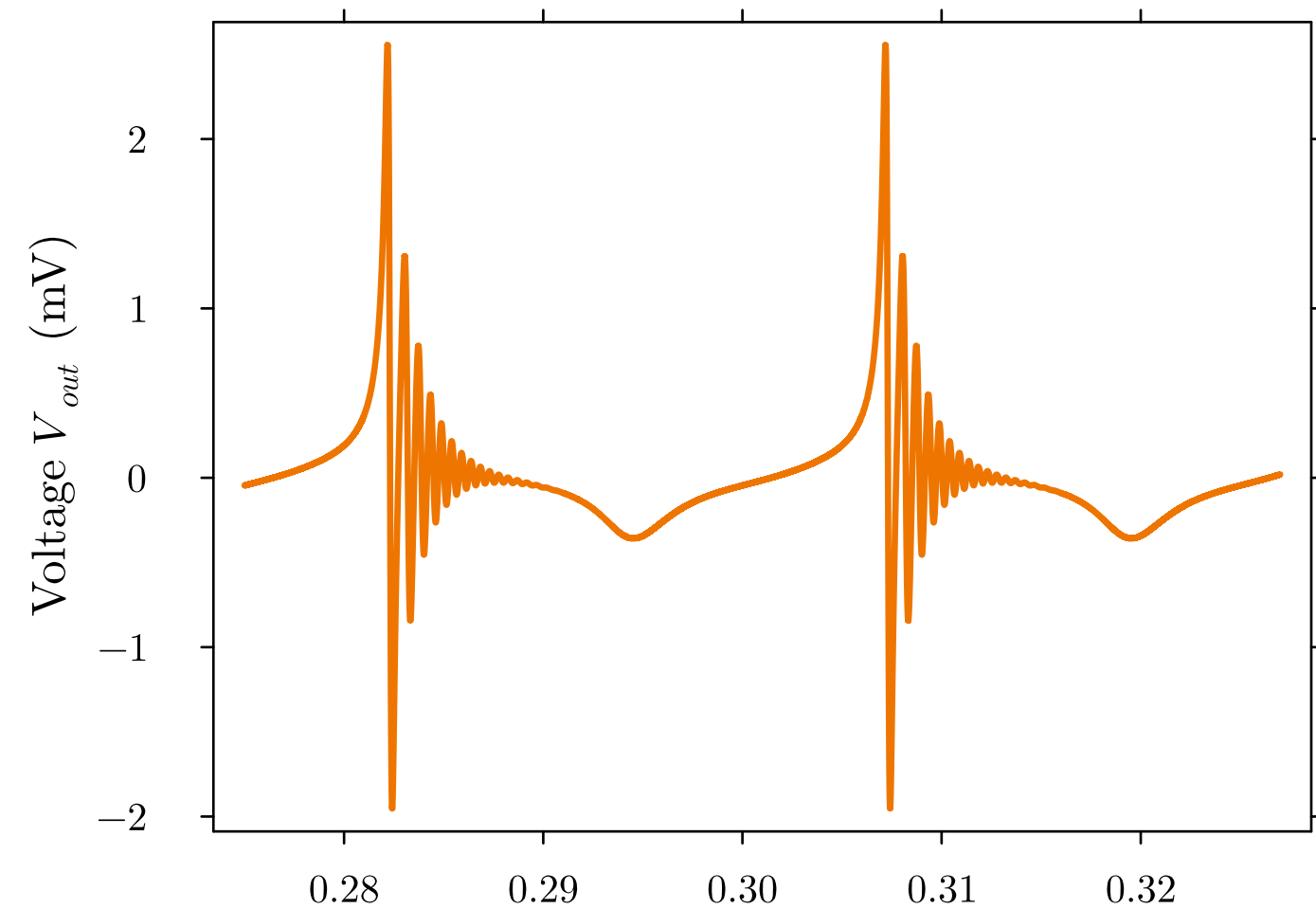


# MEMS Electrostatic Energy Harvester Dynamics ( $\alpha = 4.0$ )

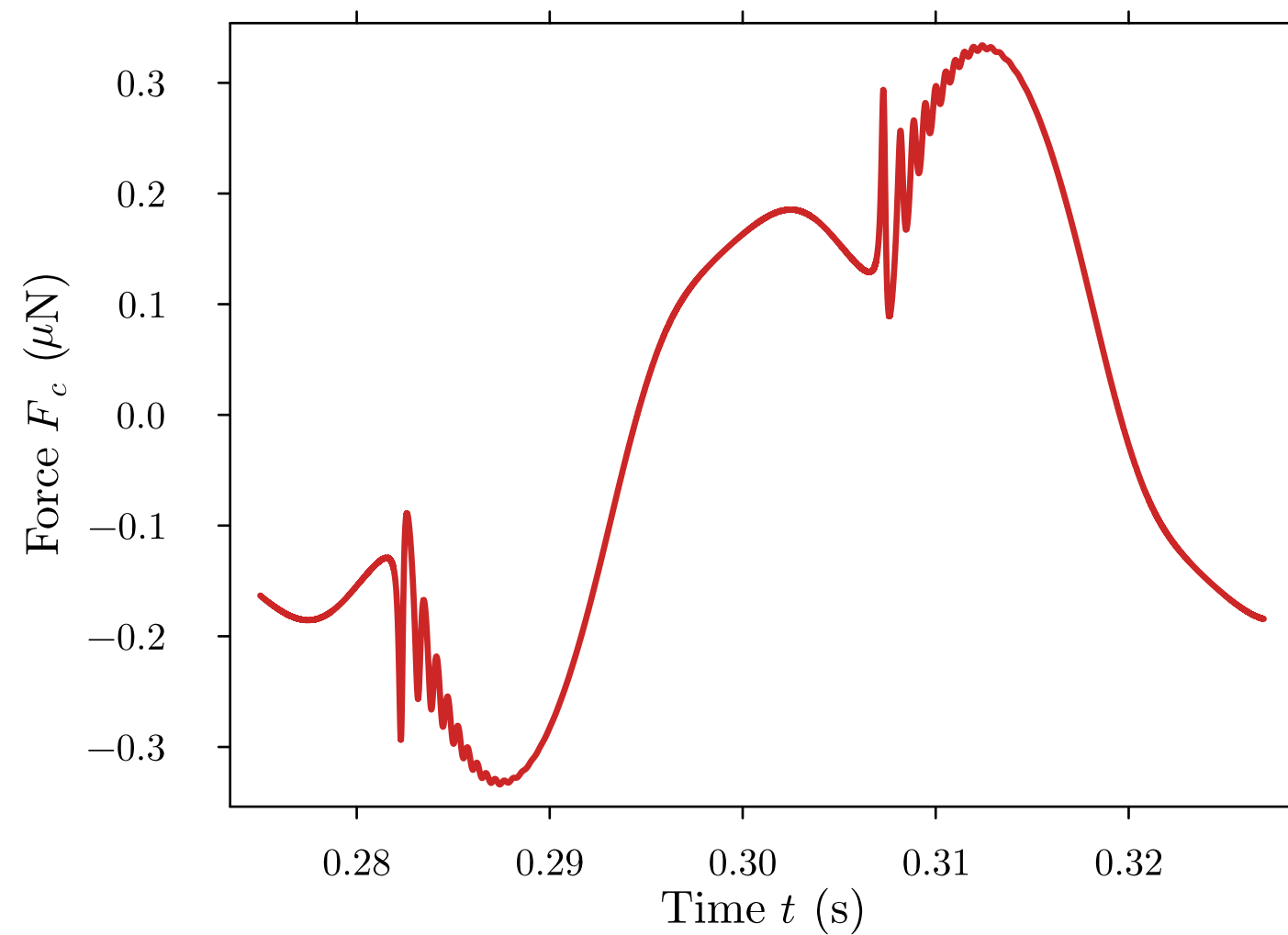
## Shuttle and Electrode Displacement



## Output Voltage



## Collision Force



## Damping Force

