

Trabalho 2

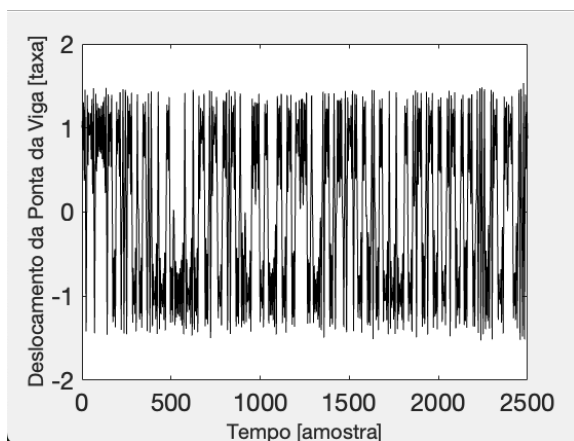
Faça mudanças nos parâmetros (modifique uma vez cada sistema) e verifique o comportamento dos sistemas.

Modelo Não-Linear com Excitação Periódica

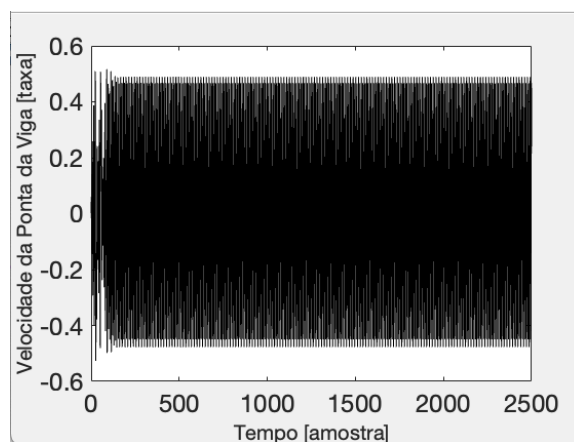
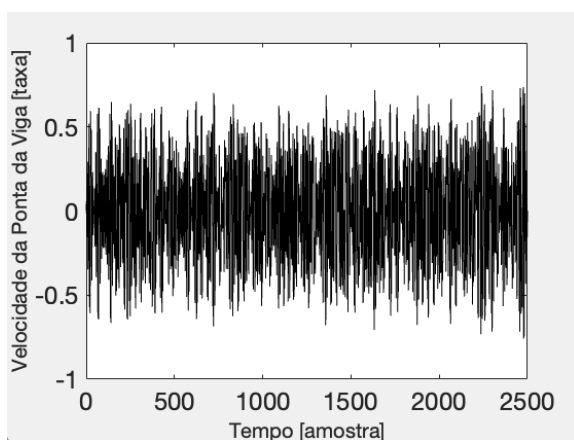
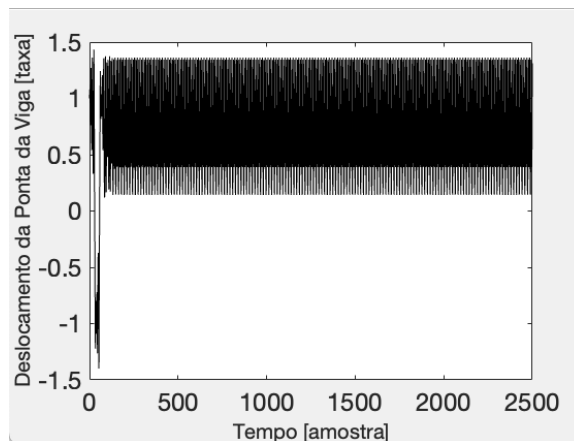
Modificação: Parâmetro c (fator de amortecimento mecânico)

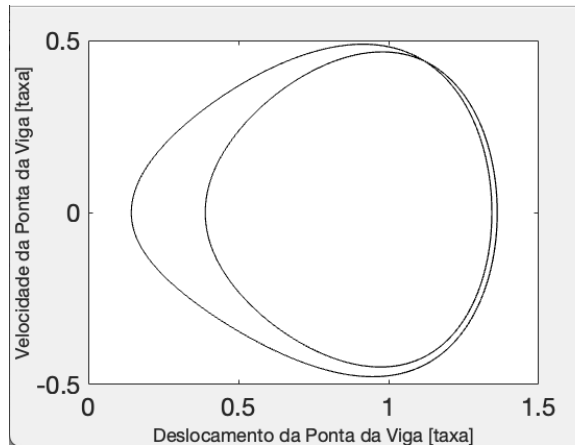
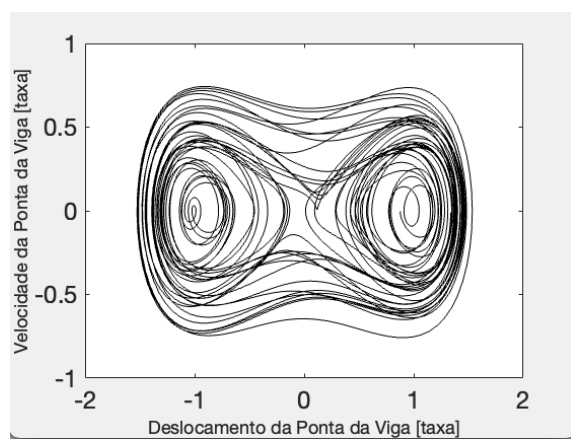
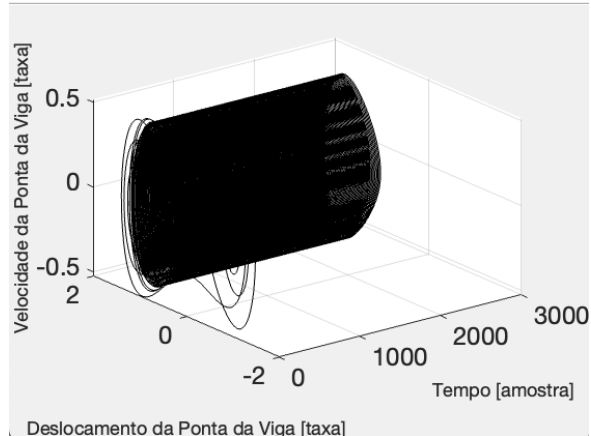
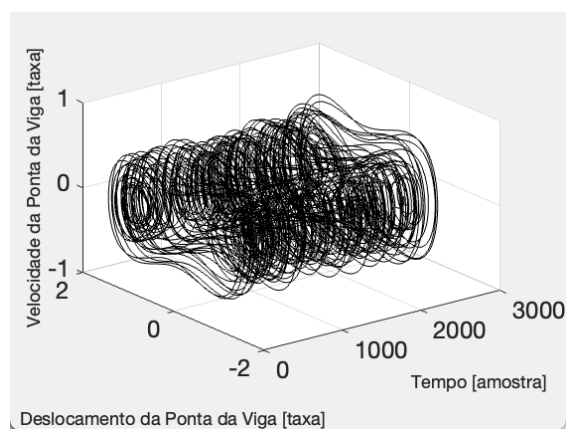
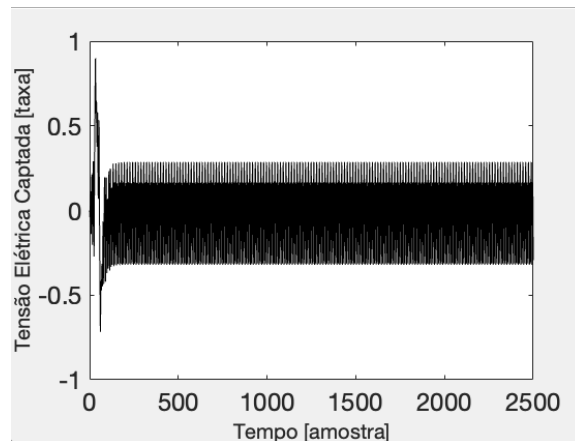
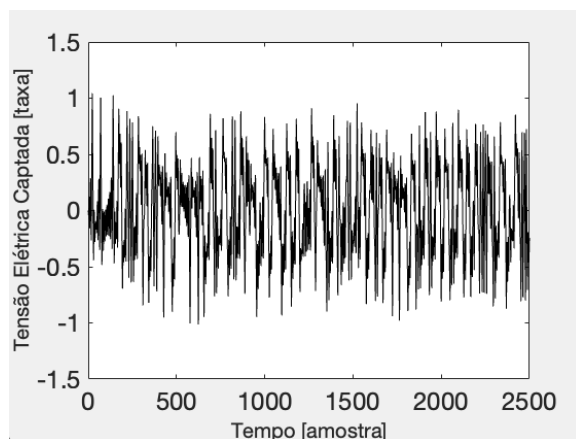
de 0.01 para 0.04

$c = 0.01$



$c = 0.04$



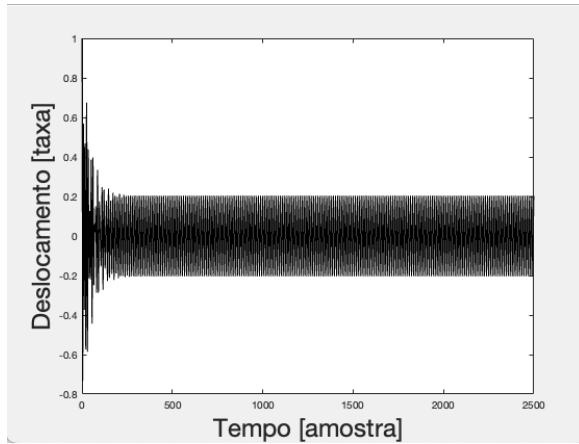


Modelo Linear com Excitação Não-Ideal

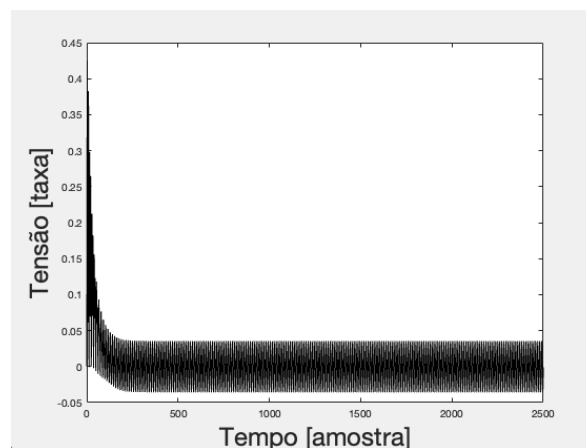
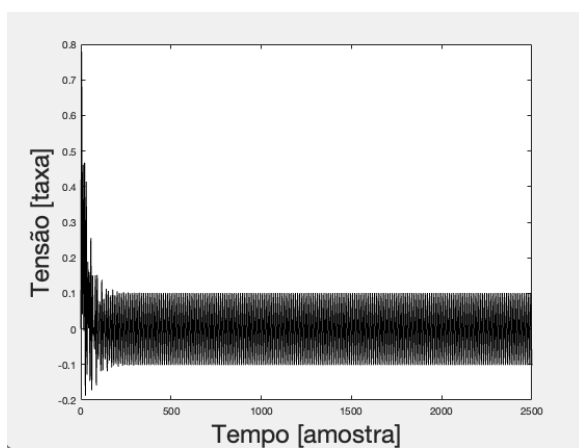
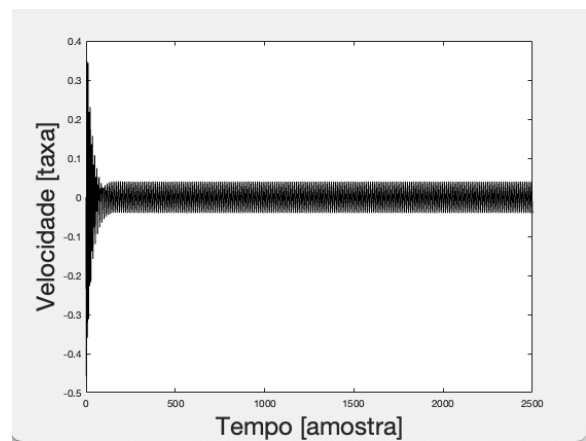
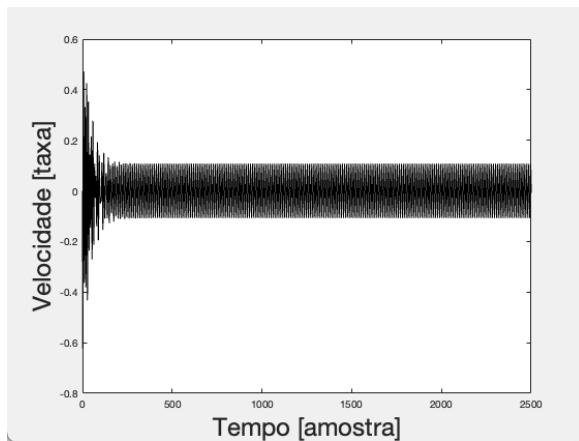
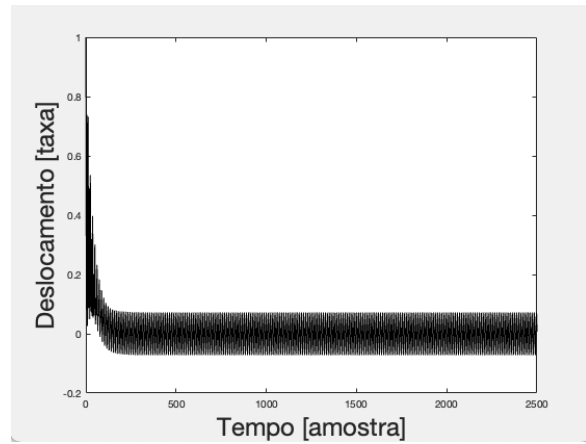
Modificação: Parâmetro x (acoplamento piezoelétrico)

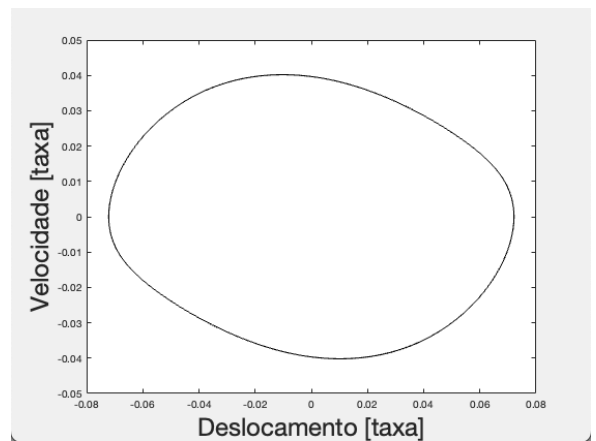
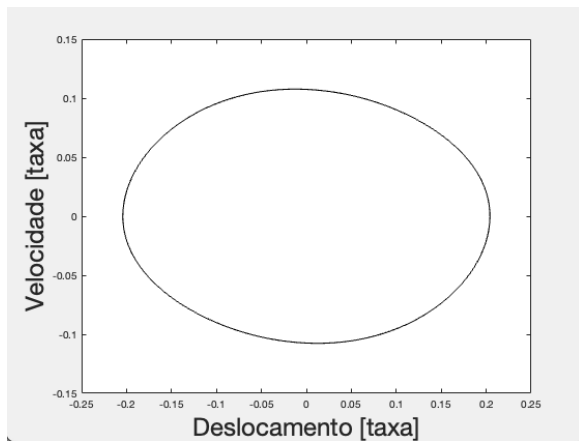
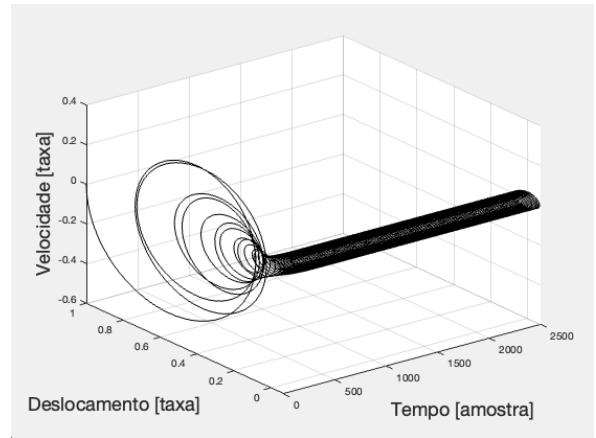
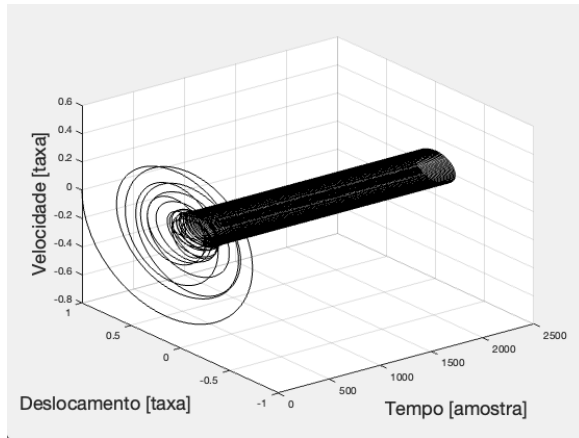
de 0.05 para 1

$x = 0.05$



$x = 1$



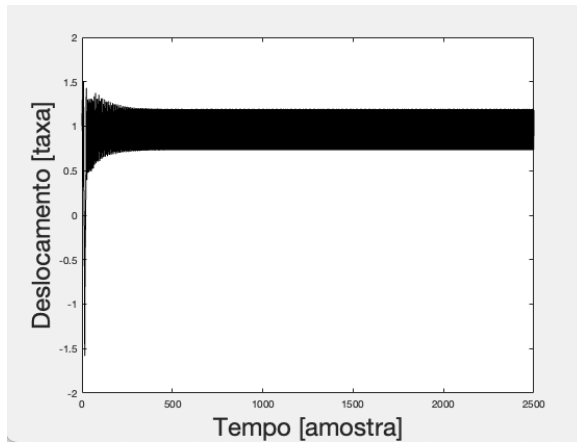


Modelo Não-Linear com Excitação Não-Ideal

Modificação: Parâmetro l (recíproco da constante de tempo de carga)

de 0.05 para 0.5

$l = 0.05$



$l = 0.5$

