

Problem 3.4-34, Edwards-Penney 5th

$t=0.34$  sec,  
 $x=6.73/12$  ft

Two maxima implies oscillation,  
meaning the underdamped case. The  
characteristic equation must have  
complex conjugate roots.

$t=1.17$  sec,  
 $x=1.46/12$  ft

