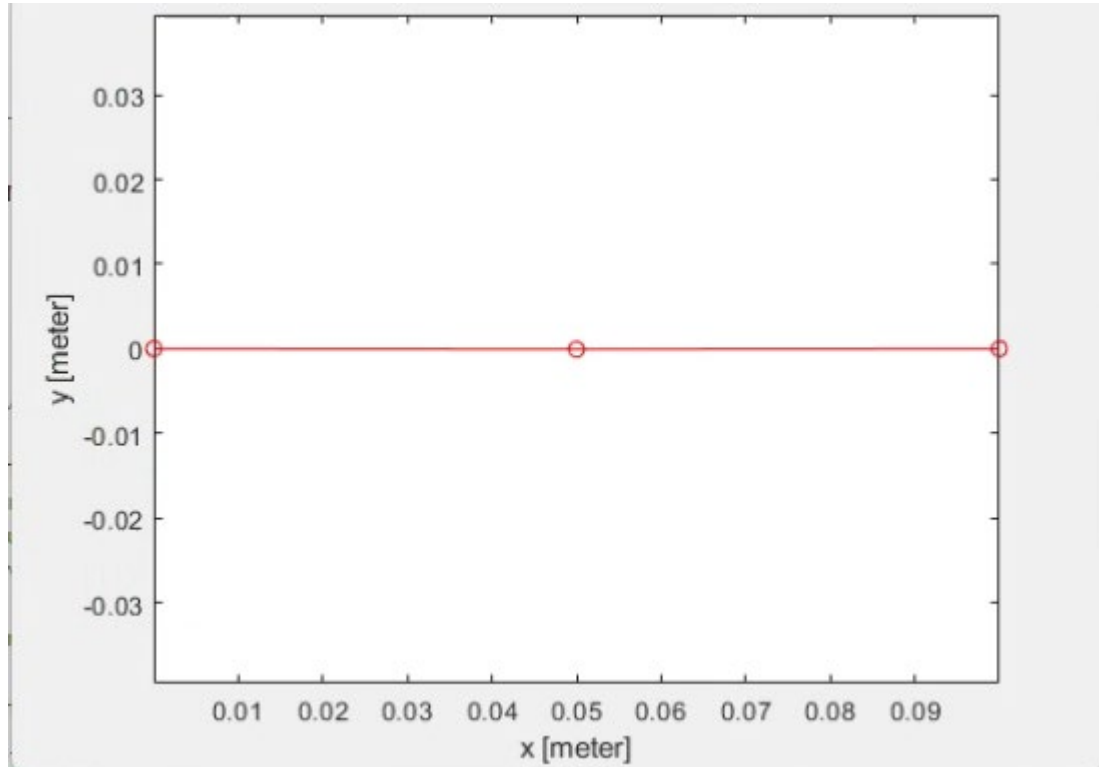


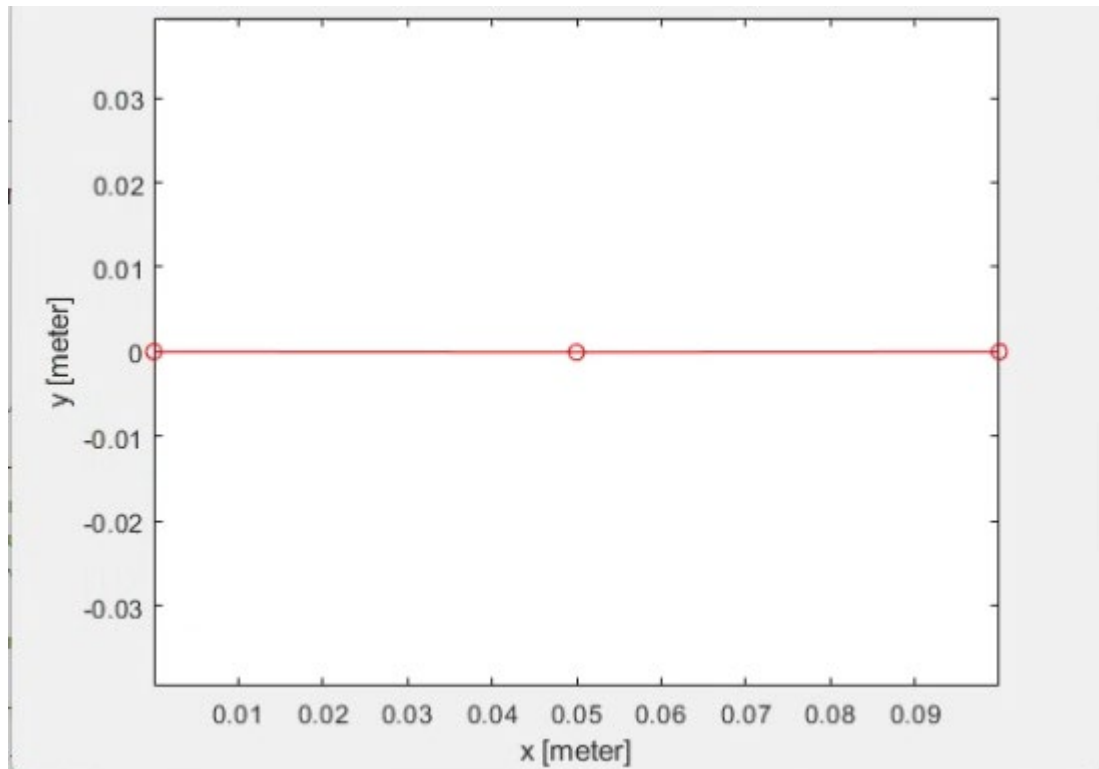
Problem 1

Explicit

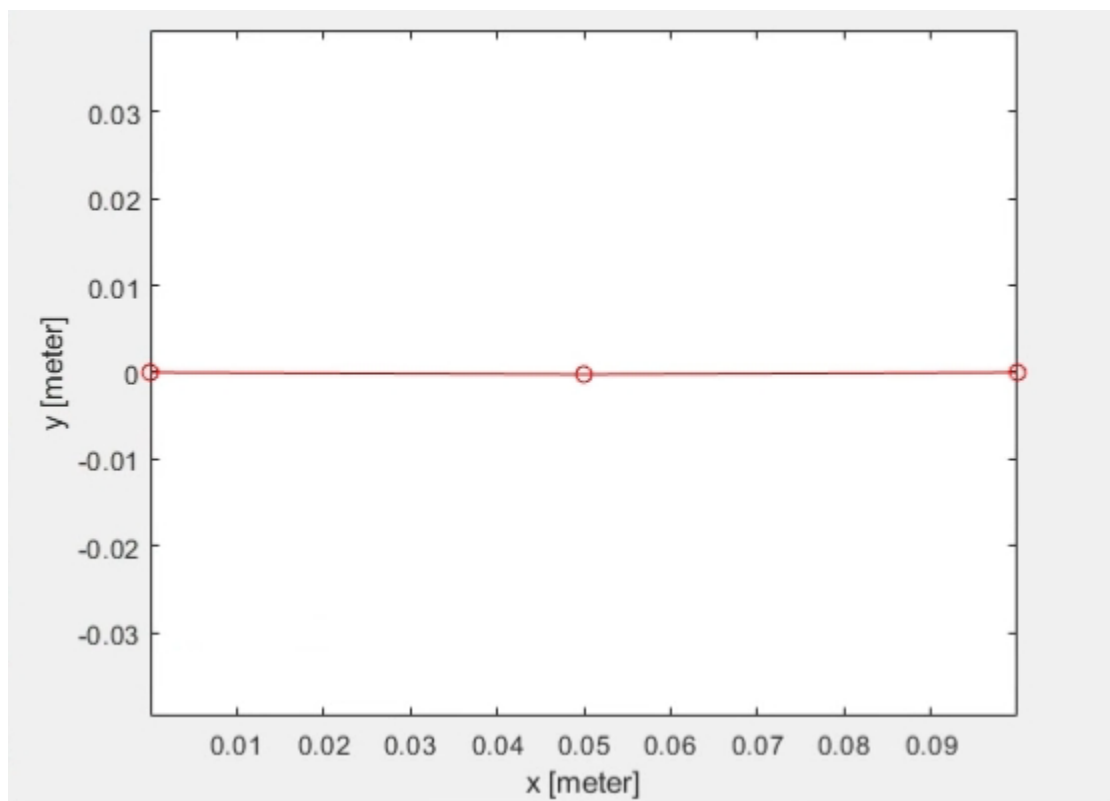
At 0 s



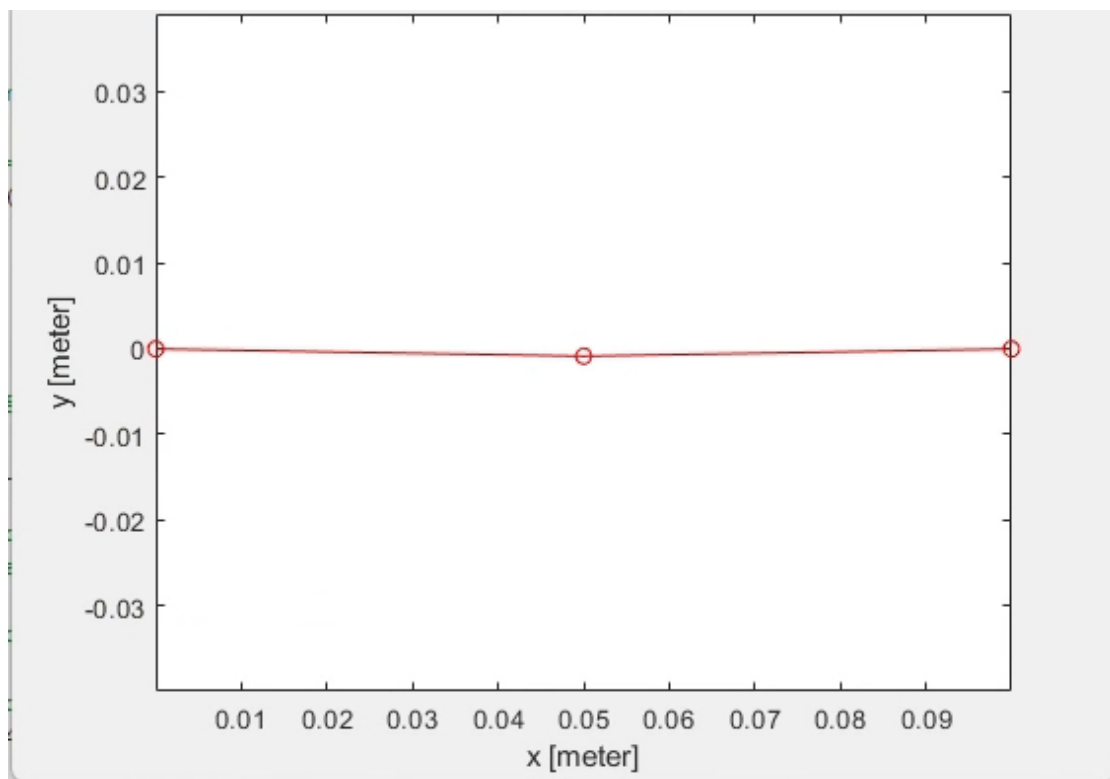
0.1s



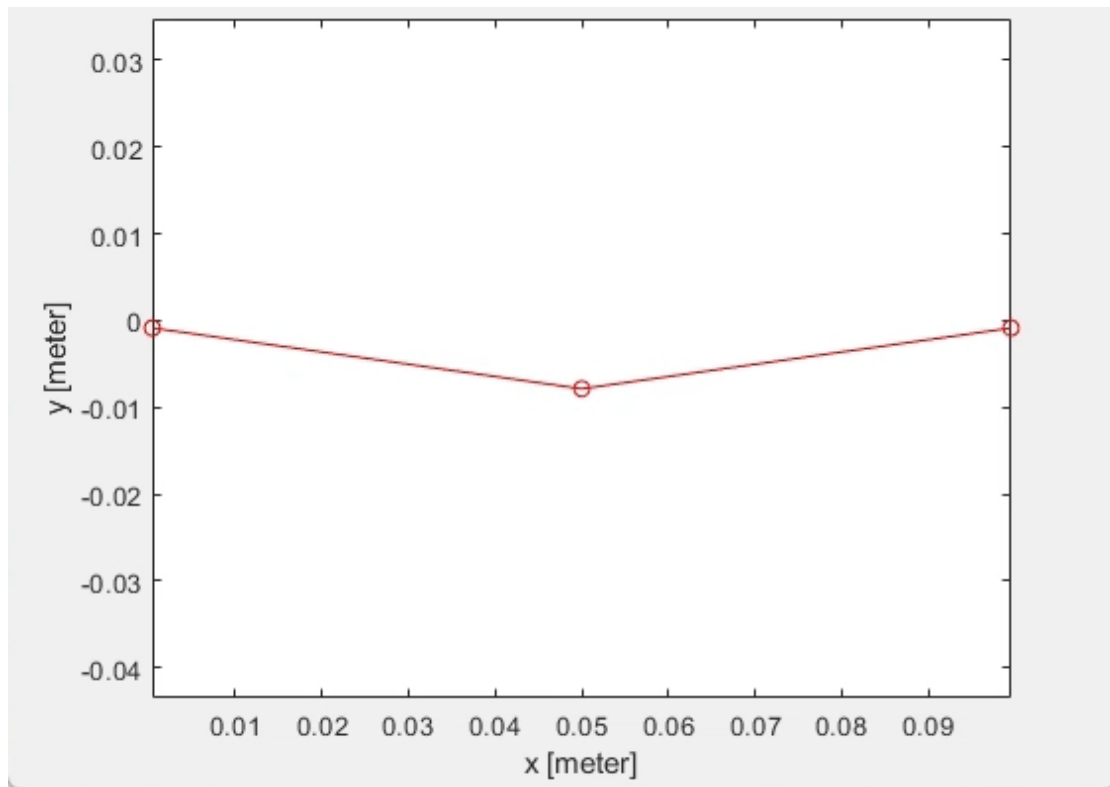
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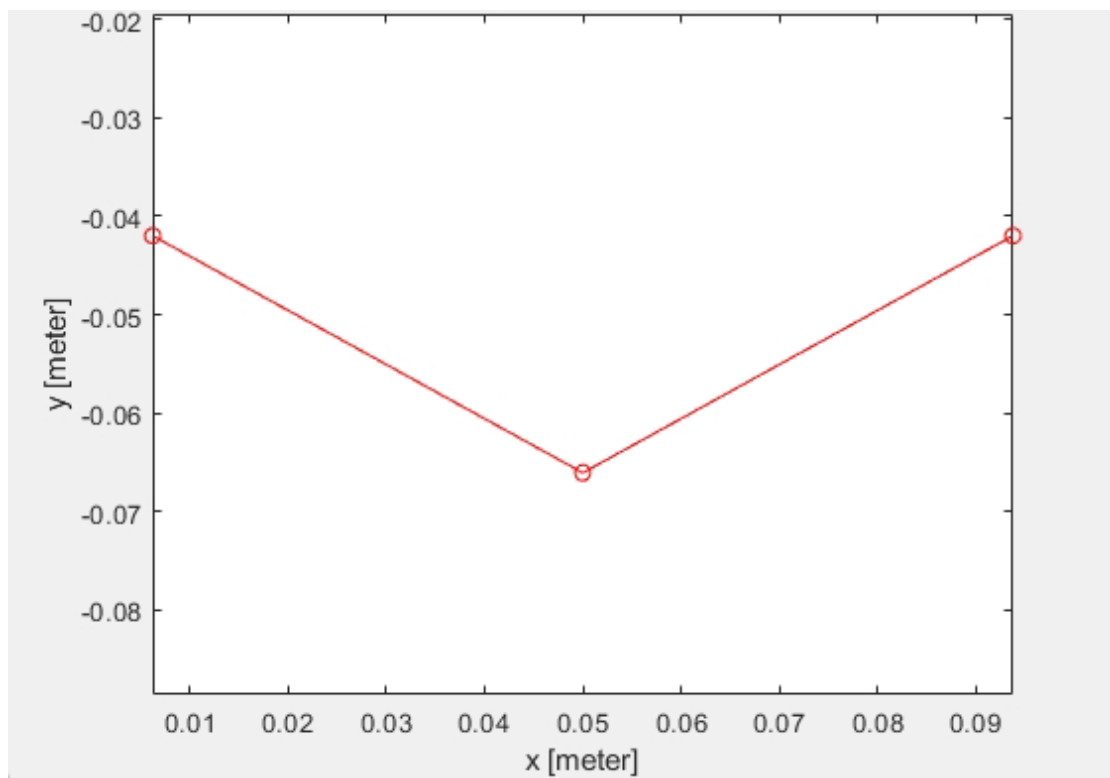
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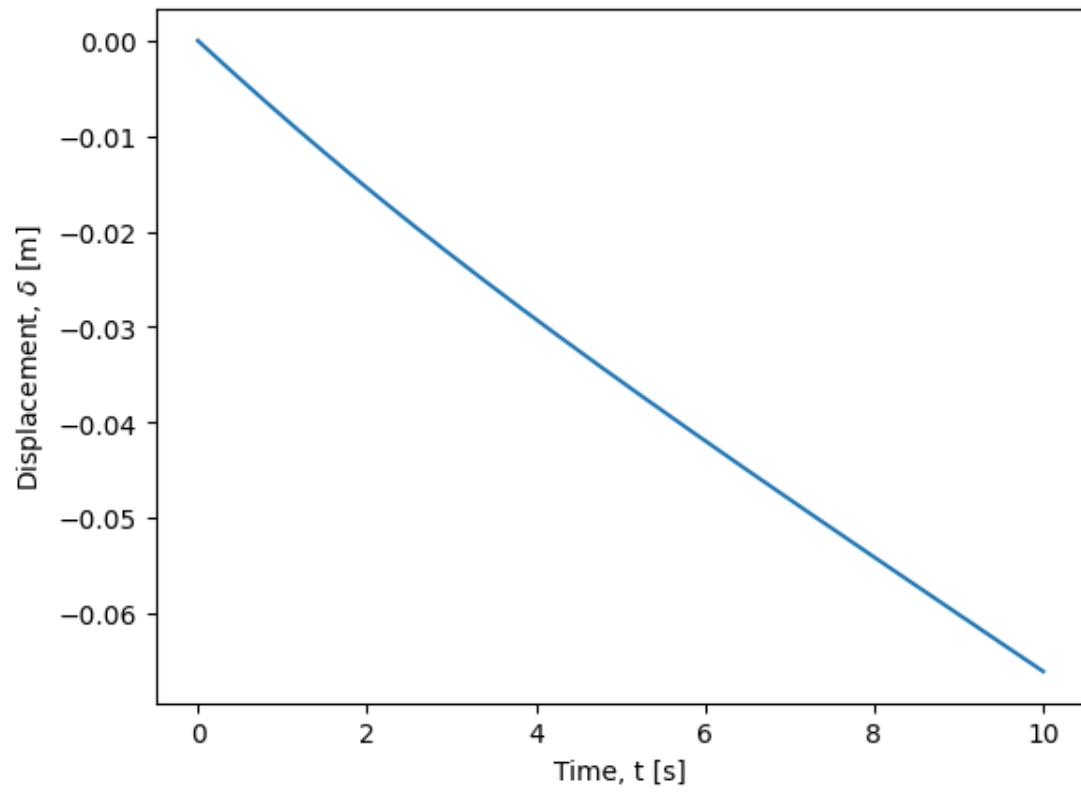
1s



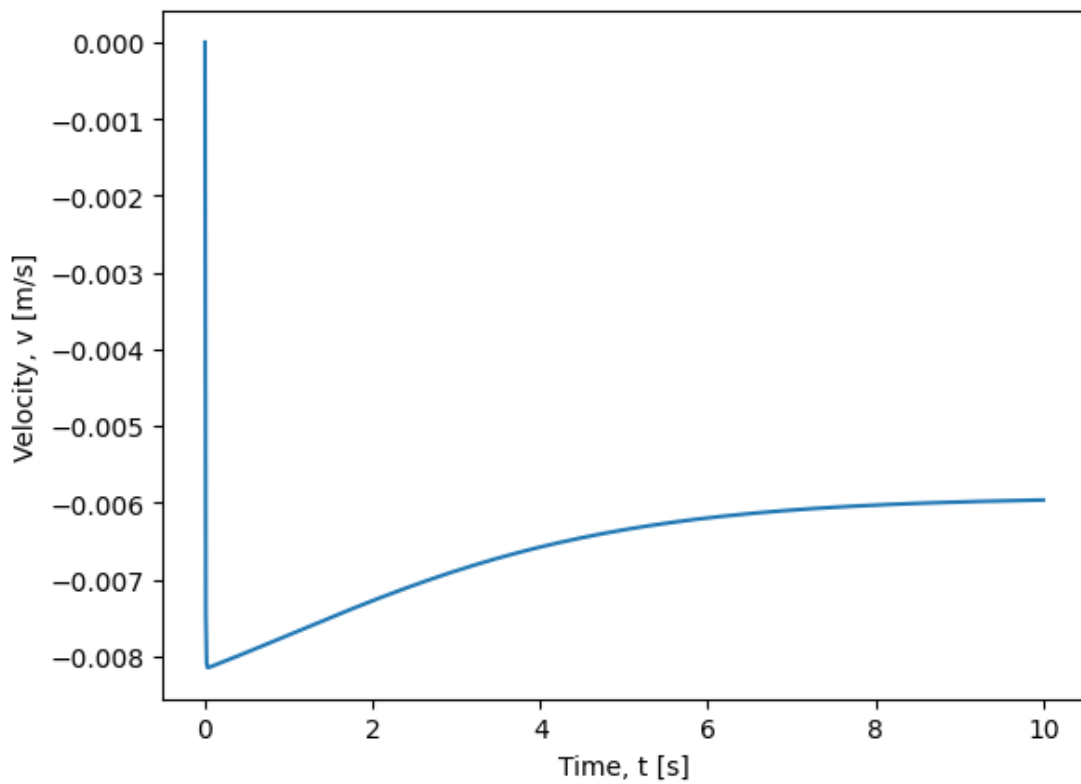
10s



P against T

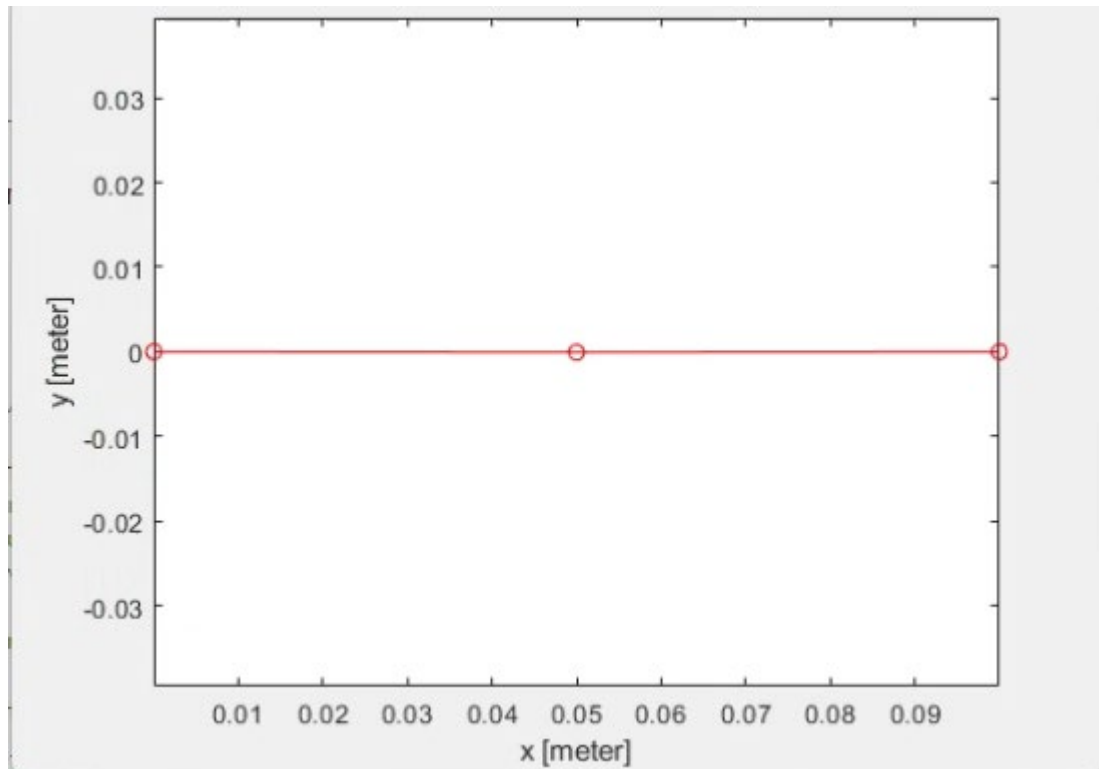


V against T

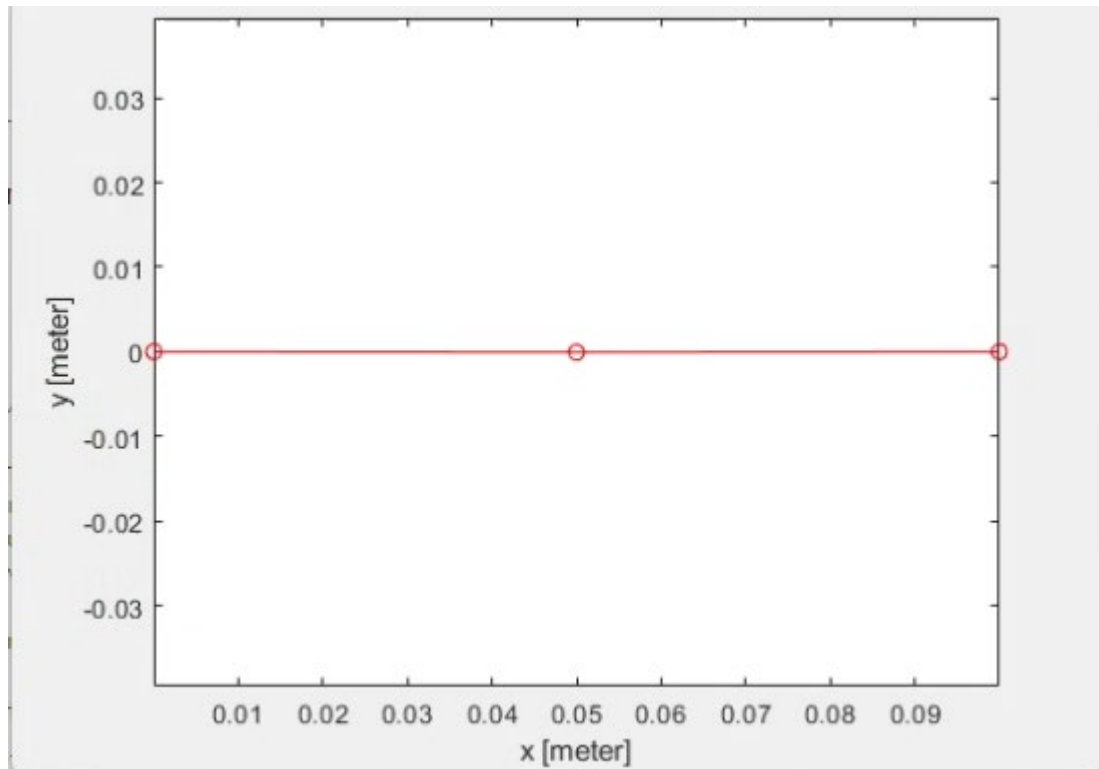


Implicit

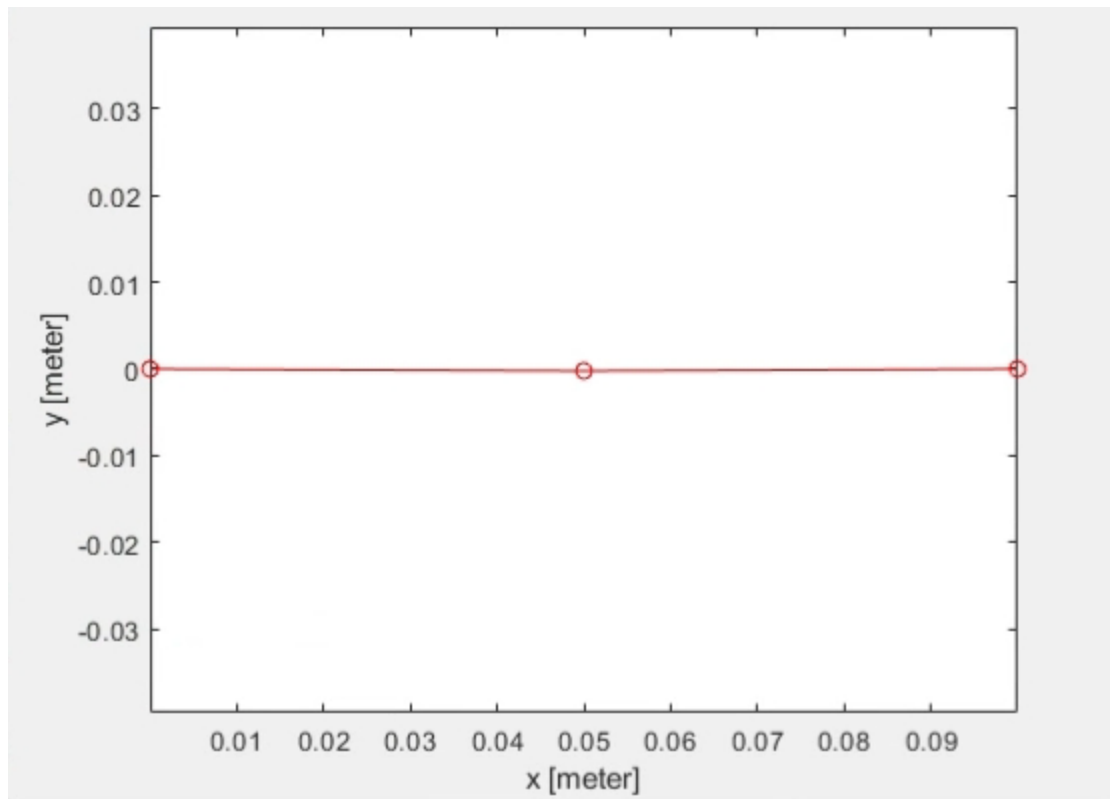
At 0 s



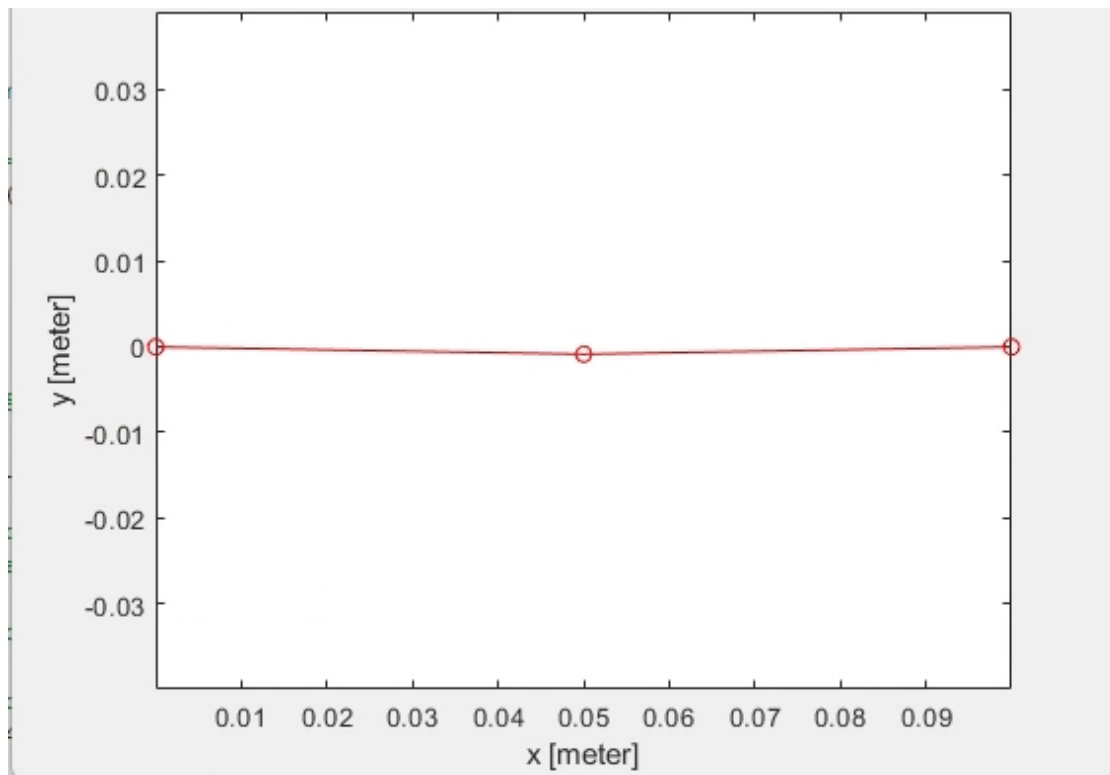
0.1s



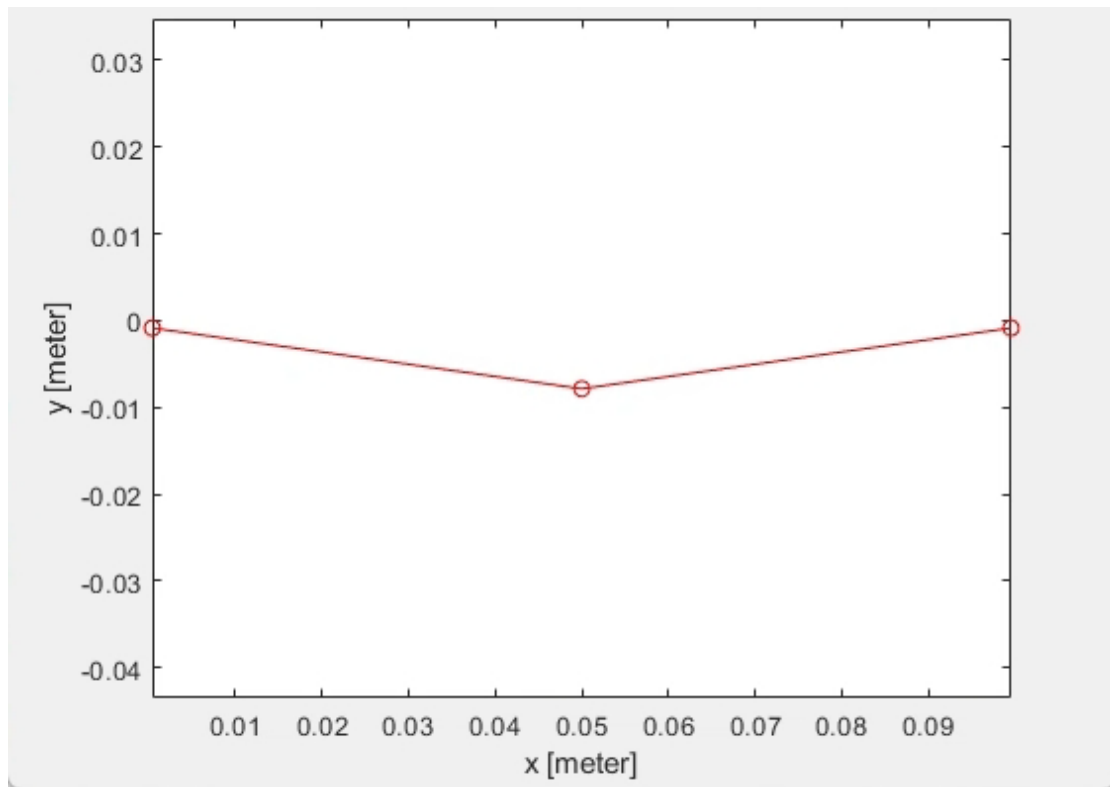
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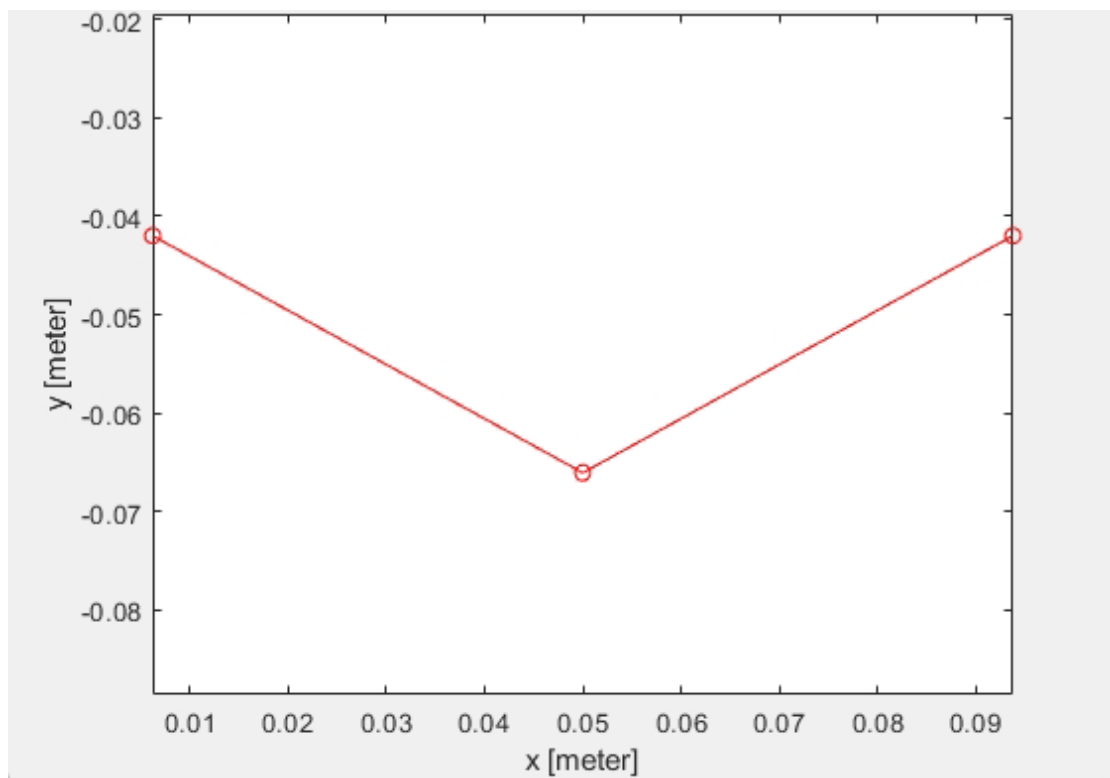
0.1s



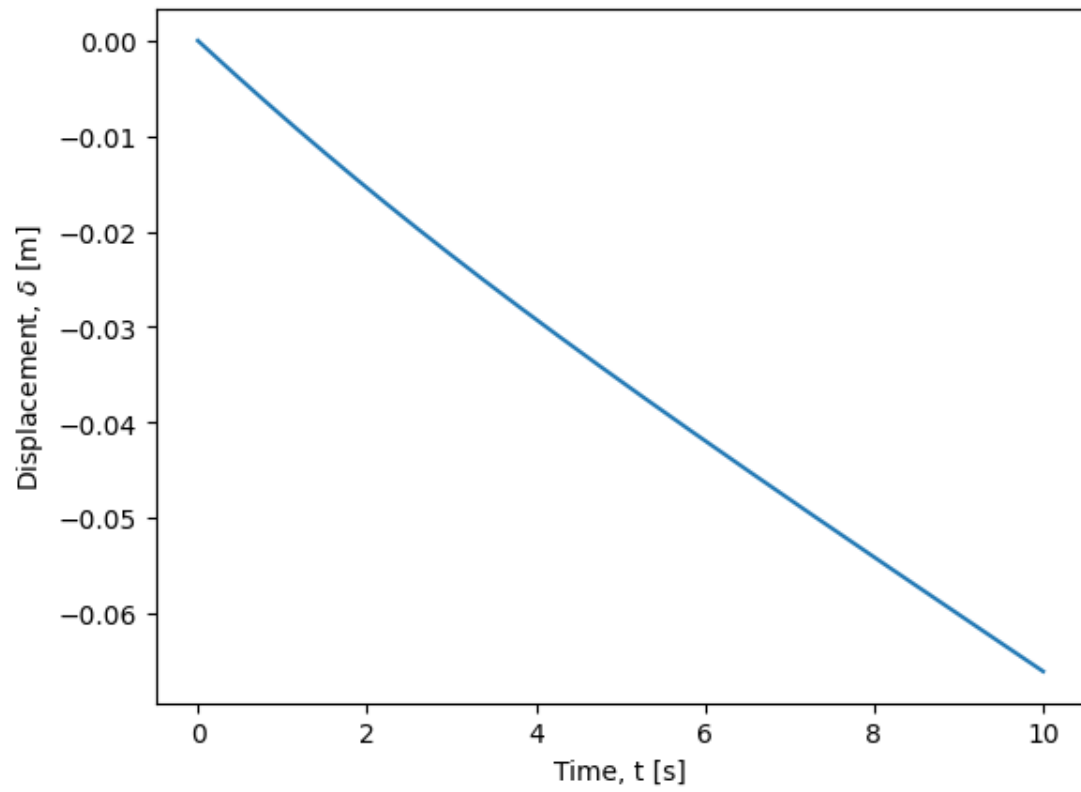
1s



10s



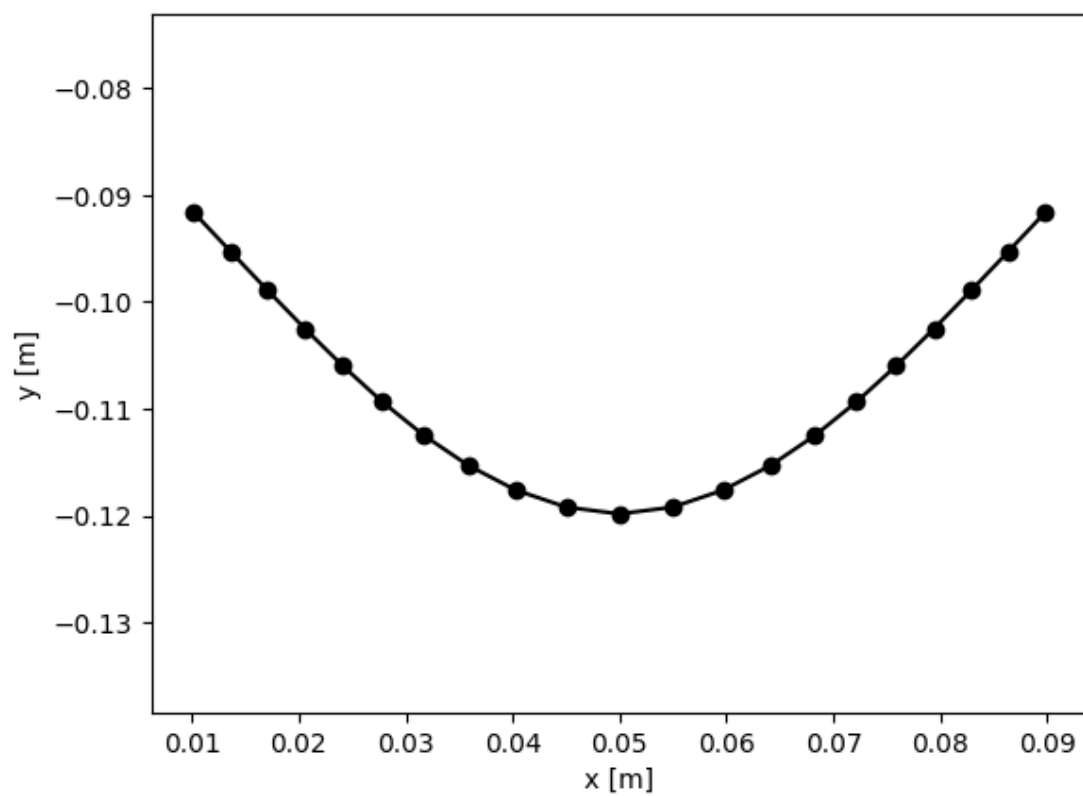
P against T



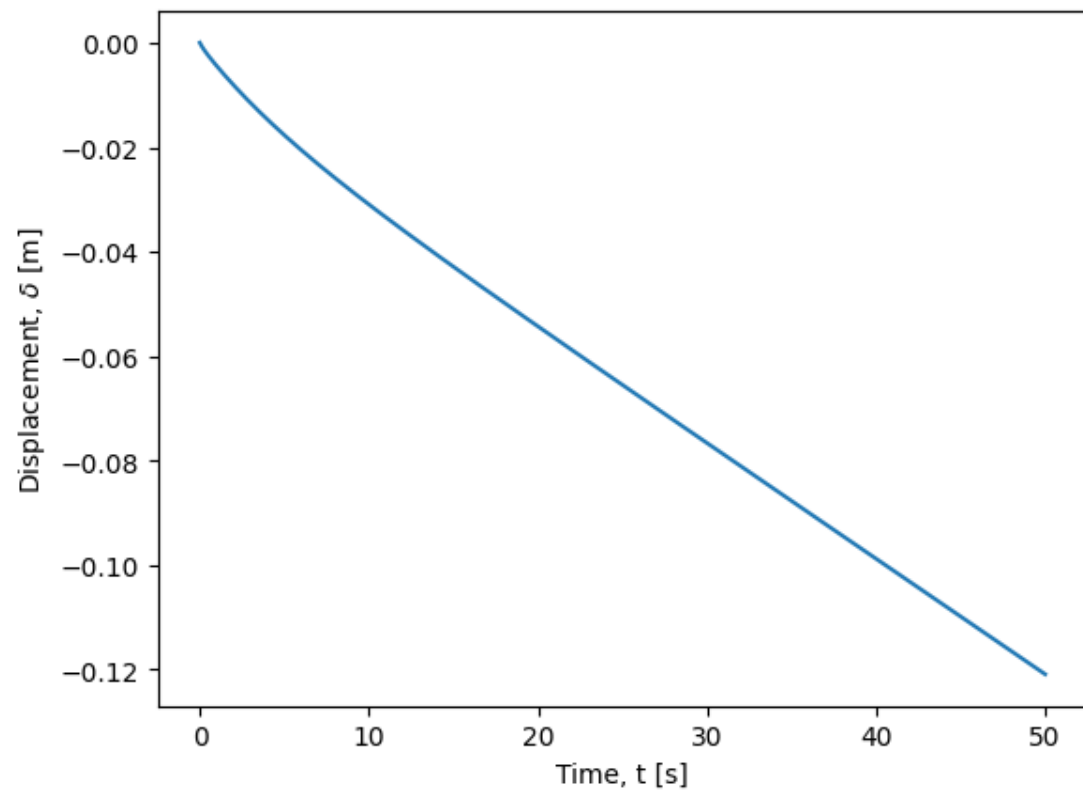
Implicit Terminal $V = 0.00612625$
explicit Terminal $V = -0.00613447$

Problem 2.2

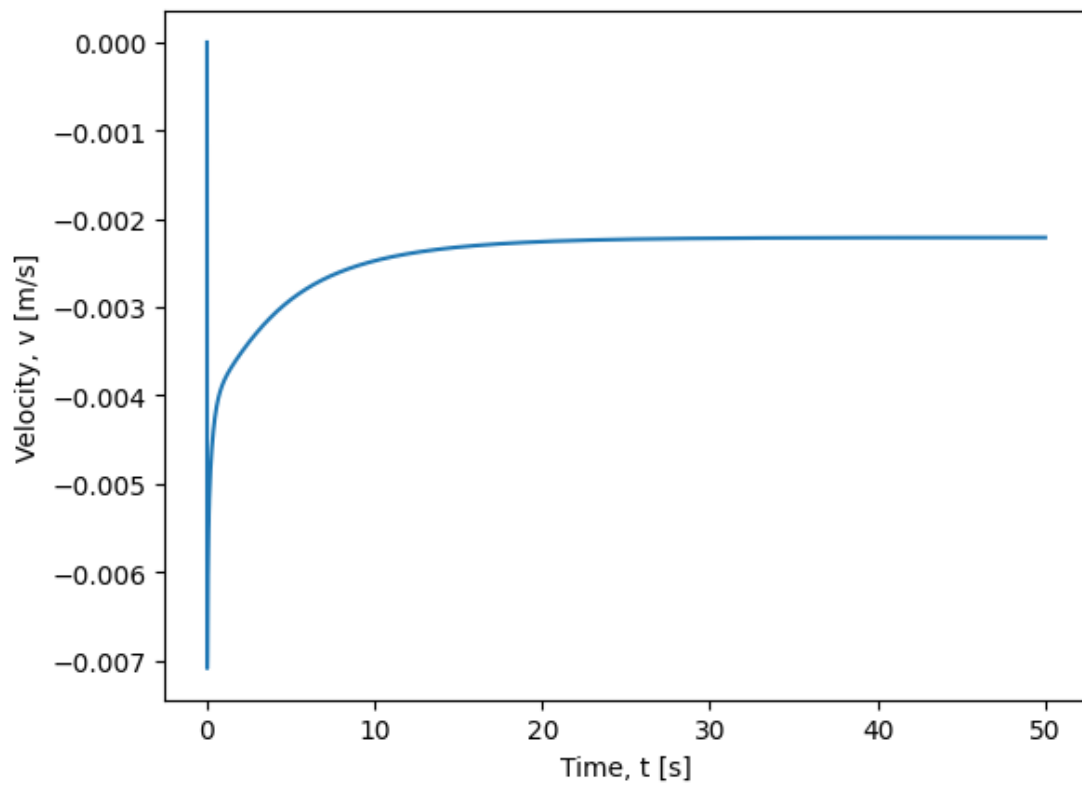
Final shape



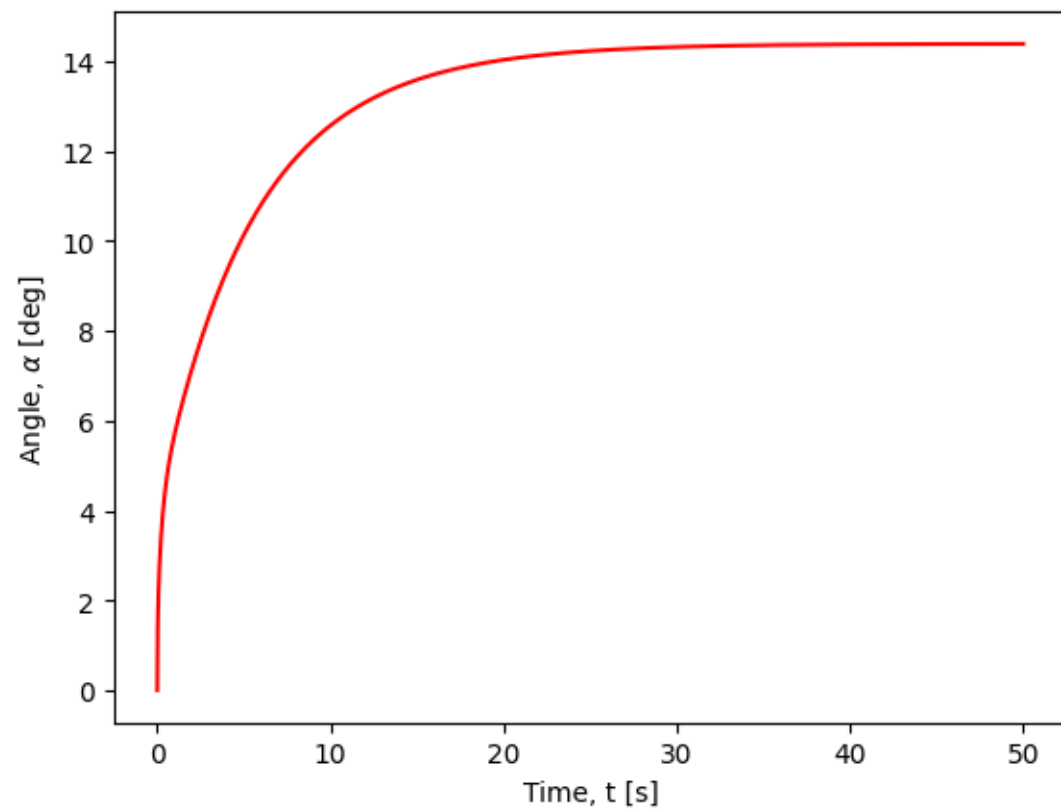
Falling position against Time



falling velocity against time



same size



The terminal $V = -0.00245841$