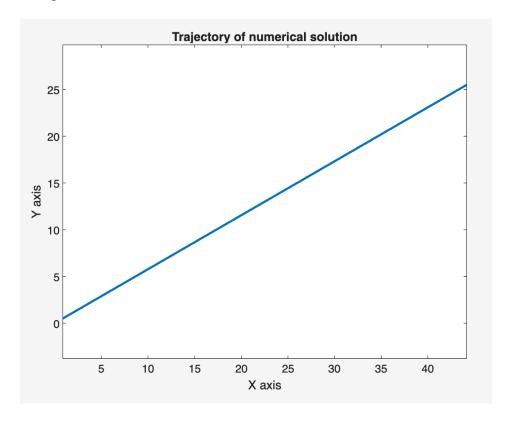
Problem 8

Equations of motion

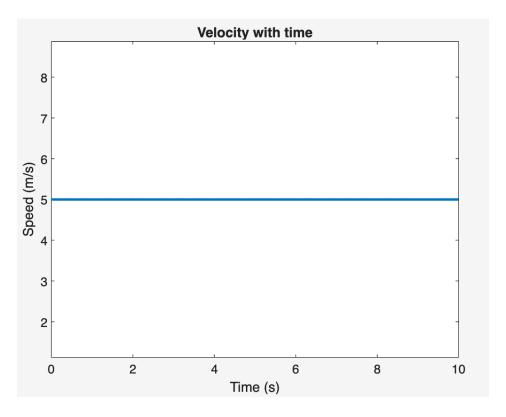
O8. A partide on a plane can be sepresented by
$$\hat{e}\hat{a}$$
 and $\hat{e}\hat{a}$
 $\vec{x} = \hat{a}\hat{e}\hat{a}$
 $\vec{v} = \hat{d}$
 \vec{x}
 $\vec{v} = \hat{d}$
 $\vec{v} = \hat{a}\hat{e}\hat{a}$
 $\vec{v} = \hat{a}\hat{e}\hat{a}$

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Straight line motion of solution



Constant velocity plot



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