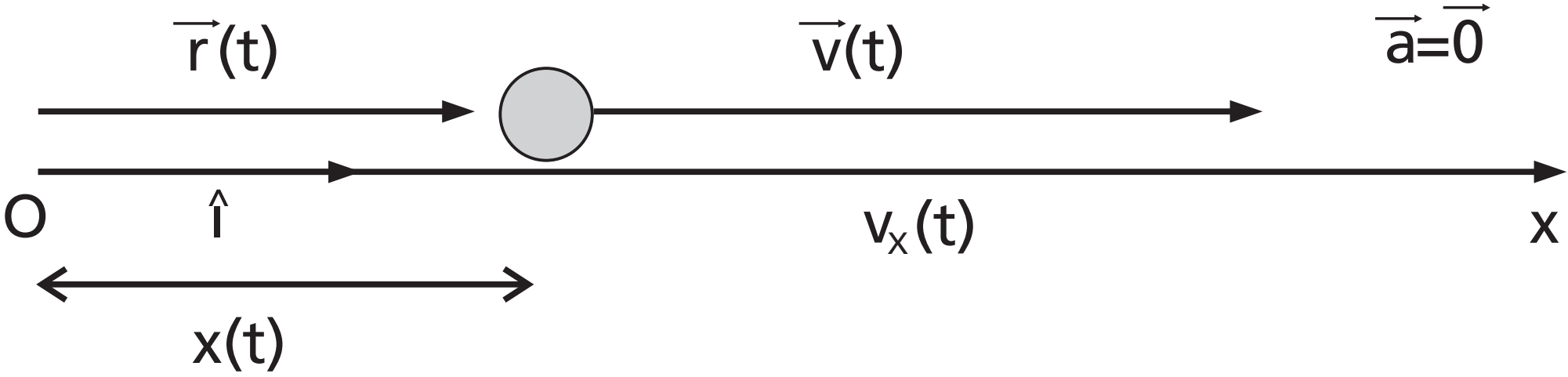
$\vec{r}(t)$
$\vec{v}(t)$
$\vec{a}=\vec{0}$
O
$\hat{i}$
$v_x(t)$
x
x(t)