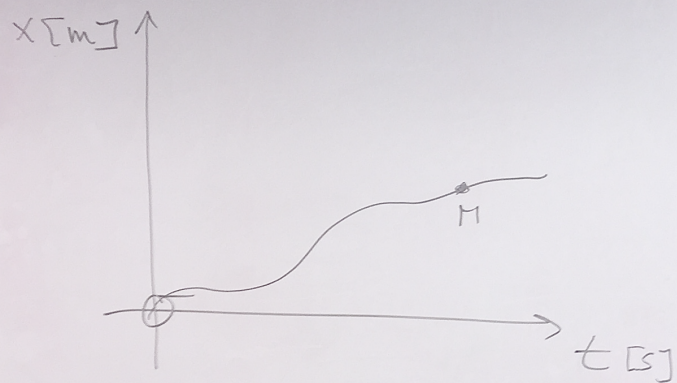


• M $\vec{r}(t)$



Coordinate system:
O, axes, scales

1 s = 9,192,631,770 oscillations
of a HF transition in ^{133}Cs

1 m = distance traveled by light
in vacuum in $\frac{1}{299,792,458}$ s

$$t \rightarrow ct \quad [\text{m}]$$

299,792,458

speed
of light in
m/s

