$\boxed{\text{Input } (m, \boldsymbol{r}, \boldsymbol{v})}$ 

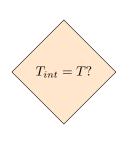
 $\overline{\text{Prediction } (\boldsymbol{r}_{\text{pred}}, \boldsymbol{v}_{\text{pred}})}$ 

Det. particles to move

Force calculation  $(a, \dot{a})$ 

 $T_{int} = T_{int} + 1$ 

 $\text{Correction}\;(\boldsymbol{r}_{\text{corr}},\boldsymbol{v}_{\text{corr}})$ 



Output