# Report for movingSoliton

Simulated with: module

### Simulation constants:

baseDensity: 1.000 chemicalPotential: 1.000 dt: 0.005

dx: 0.200 g: -1.000 hbar: 0.000

healingLength: 0.000 mass: 1.000 plotFPS: 1000.000

plotPause: 0.001 plotStep: 10 plotYMax: 2

plotYMin: -2 r: 0.125 tCount: 1000

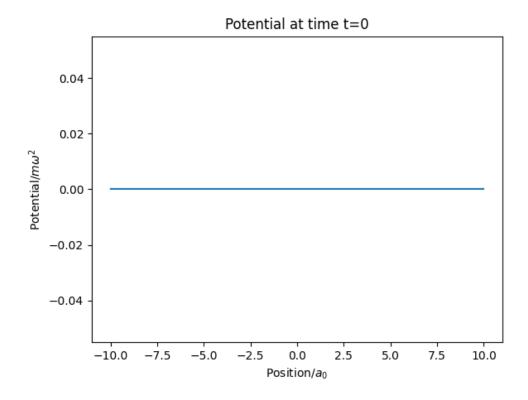
tMax: 5 tMin: 0 velocity: 1.000

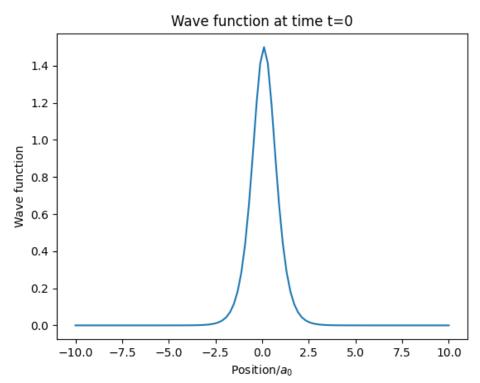
xMin: -10

#### Wave function:

## Potential function:

```
\label{eq:constants} \mbox{def V(x, t, constants):} \qquad \mbox{return jnp.zeros\_like(x)}
```





# Results

