Report for randomFrequency

Simulated with: lib.managers.crankNicolson.dimensionless

Simulation constants:

amplitude: 2.000 baseDensity: 1.000 chemicalPotential: 1.000

dt: 0.005 dx: 0.200 g: -1.000

hbar: 1.000 healingLength: 0.707 mass: 1.000

plotFPS: 1000.000 plotPause: 0.001 plotStep: 10

plotYMax: 2 plotYMin: -2 r: 0.125

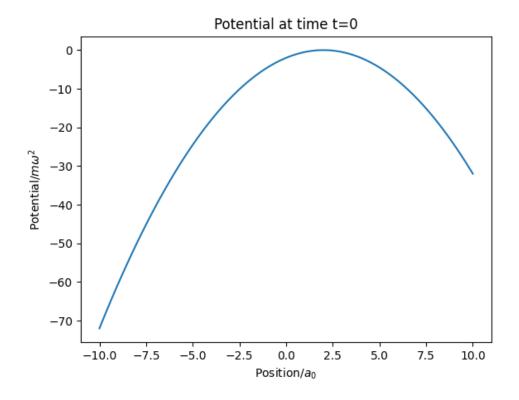
tCount: 1000 tMax: 5 tMin: 0

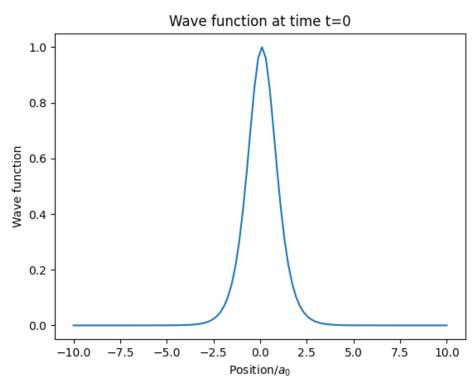
velocity: 0.000 w0: 2.000 x0: 0.000

Wave function:

Potential function:

```
def V(x, t, constants): x0 = constants["amplitude"] * jnp.cos(t * constants["w0"]) return <math>-((x - x0) ** 2) / 2
```





Results

