**Comparison of Solutions**

- **timestep = 0.1**
- **timestep = 0.01**

**Exact Solution**

- **time**
- **position**

**Approximation Solutions**

- **time**
- **position**

**Euler Method - (approx) numerical solution to DEQs**

[same problem, but with a smaller time step]

([here I hard code in the exact solution])