Plot of the Approximation U(x,t) with dx=dt=1/80 and v(x)=1.

——	t=0
——	t=1/4
——	t=1/2
——	t=1

Plot of the Approximation U(x,t) with dx=dt=1/80 and v(x)=-1.

——	t=0
——	t=1/4
——	t=1/2
——	t=1

Plot of the Approximation U(x,t) with dx=1/80, dt=1/160, and v(x)=1.

Legend:
- t=0
- t=1/4
- t=1/2
- t=1

Plot of the Approximation U(x,t) with dx=1/80, dt=1/160, and v(x)=1 using BFECC.
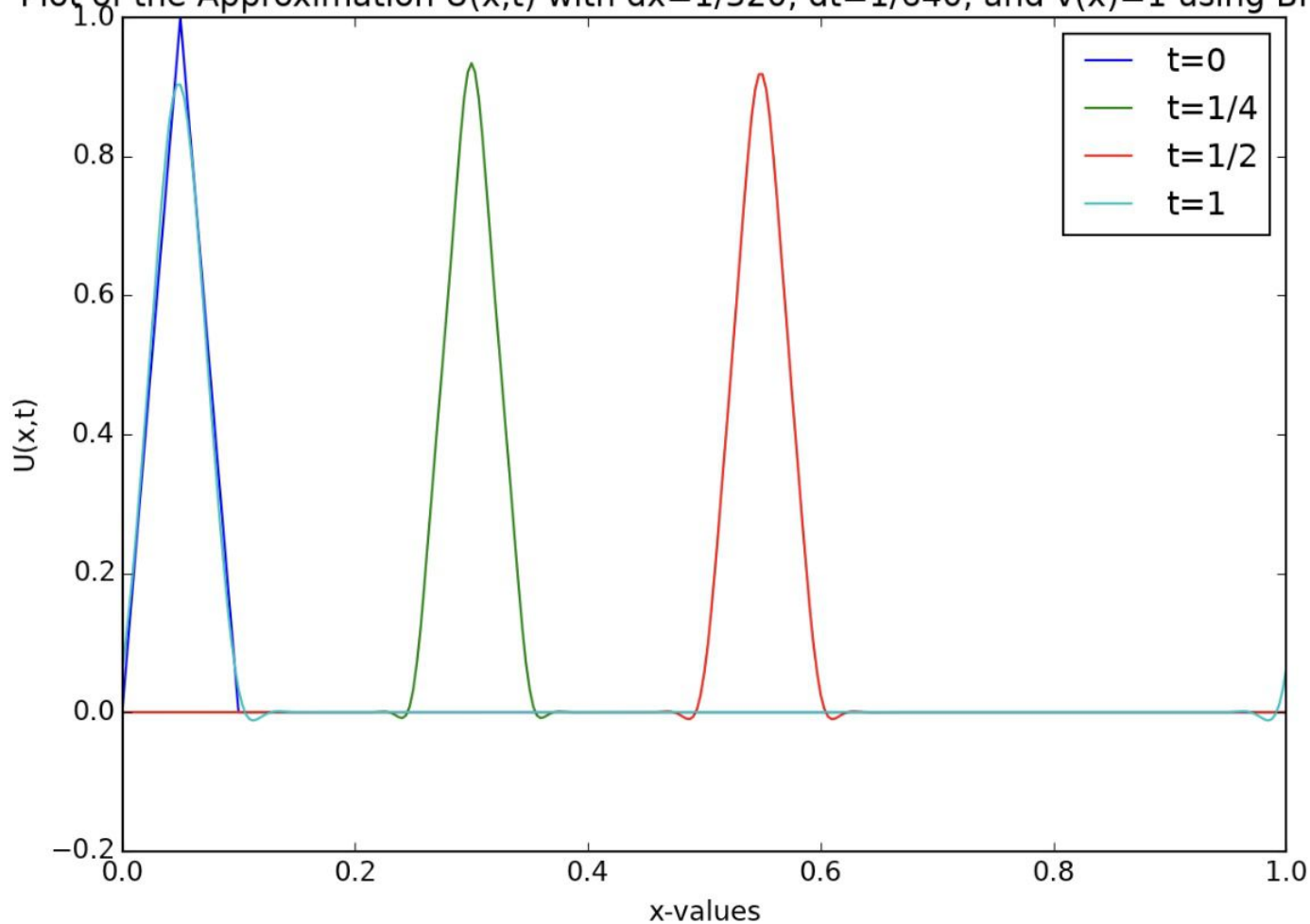
Legend:
- t=0
- t=1/4
- t=1/2
- t=1

Plot of the Approximation U(x,t) with dx=1/320, dt=1/640, and v(x)=1 using BFECC.

Plot of the Approximation U(x,t) with dx=1/320, dt=1/640, and v(x) using BFECC.