

```
In[1]:= s = NDSolve[{D[u[t, x], t] == D[u[t, x], x, x],
u[0, x] == Exp[-Abs[x + 2]] + Exp[-Abs[x - 2]]}, u, {t, 0, 5}, {x, 0, 5}]
```

NDSolve::mksst : Using maximum number of grid points 10000 allowed by the MaxPoints or MinStepSize options for independent variable x. >>

NDSolve::bcart : Warning: An insufficient number of boundary conditions have been specified  
for the direction of independent variable x. Artificial boundary effects may be present in the solution. >>

```
Out[1]= {u → InterpolatingFunction[{{0., 5.}, {0., 5.}}, <>]}
```

```
In[2]:= Plot3D[Evaluate[u[t, x] /. %], {t, 0, 5}, {x, 0, 5}]
```

