

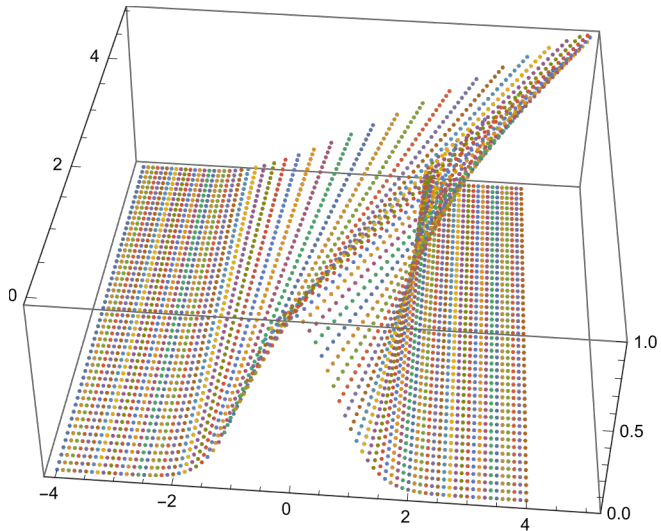
```
In[85]:= u0[s_] = E^(-s^2)
```

```
Out[85]= e-s2
```

```
In[86]:= points[t_] := Table[{s + t u0[s], u0[s]}, {s, -4, 4, 1/10}]
```

```
In[112]:= ListPointPlot3D[Table[{s + t u0[s], t, u0[s]}, {s, -4, 4, 1/10}, {t, 0, 5, 1/10}]]
```

```
Out[112]=
```



```
In[113]:=
```

```
ListPlot[{points[0], points[3/4], points[Sqrt[2]], points[3]},  
Joined -> True, AxesLabel -> {"x", "u[x,t]"}]
```

```
Out[113]=
```

