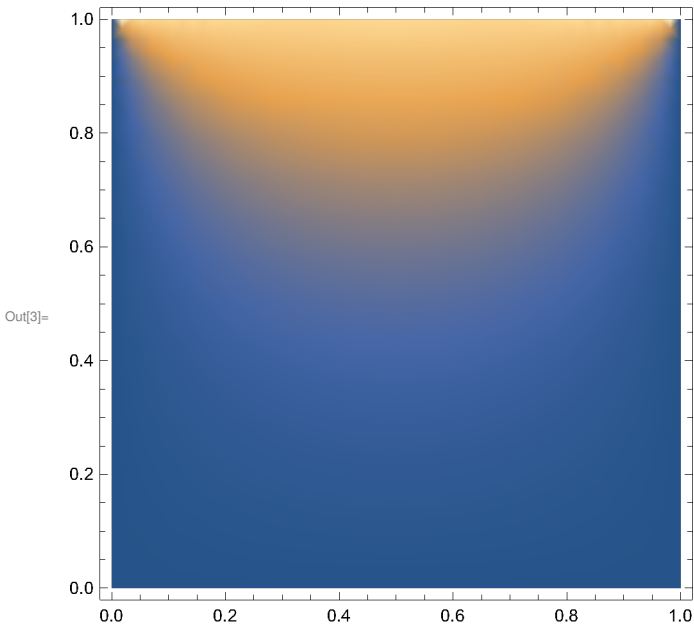


```
In[1]:= c = 4 / (Sinh[Pi Sqrt[m^2 + n^2]])  
        Integrate[Sin[m Pi x], {x, 0, 1}] × Integrate[Sin[n Pi y], {y, 0, 1}];
```

```
In[2]:= ϕ = Sum[Sum[c Sin[m Pi x] Sin[n Pi y] Sinh[Pi Sqrt[m^2 + n^2] z], {m, 1, 50}], {n, 1, 50}];
```

```
In[3]:= DensityPlot [(ϕ /. x → 1/2), {y, 0, 1}, {z, 0, 1}]
```



```
In[4]:= c = Sin[m Pi / 2] Sin[n Pi / 2] Sin[l Pi / 2] / (m^2 + n^2 + l^2);
```

```
In[5]:= ϕ = Sum[Sum[Sum[c Sin[m Pi x] Sin[n Pi y] Sin[l Pi z], {m, 1, 30}], {n, 1, 30}], {l, 1, 30}];
```

```
In[6]:= DensityPlot [(ϕ /. x → 0.3), {y, 0, 1}, {z, 0, 1}]
```

