

TikZ

```
\begin{tikzpicture}
\begin{axis}[
  hide axis,
  colormap/viridis,
]
\addplot3[
  mesh,
  samples=50,
  domain=-8:8,
]
{ sin(deg(sqrt(x^2+y^2)))/sqrt(x^2+y^2) };
\addlegendentry{$\frac{\sin(r)}{r}$}
\end{axis}
\end{tikzpicture}
```

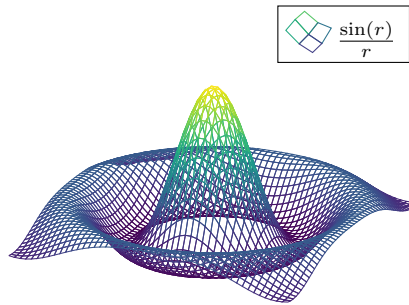


Figure 1: TikZ