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}
```

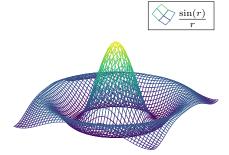


Figure 1: TikZ