

[illegible]

Figure 1: A plot of the function $f(x)$ for $x \in [-5, 5]$. The function is a smooth, bell-shaped curve centered at $x = 0$, with a maximum value of approximately 1.0. The x-axis is labeled from -5.0 to 2.5, and the y-axis is labeled from 0.0 to 1.0.