$$
\text { Let } g(x, y)=\frac{-3 y}{x^{2}+y^{2}+1}
$$

1. Use Maple to do a 3-D plot of the surface.
2. Create a contour plot of the graph $z=g(x, y)$ that captures the vital information.
3. Create a density plot that captures the vital information.
4. Where does $g(x, y)$ have local maximum and local minimum values?
