

The figure displays a 10x10 grid representing a 2D probability distribution. The x-axis and y-axis are both labeled from 0 to 9. The color intensity indicates the probability density, with a color bar on the right side of the plot. The color bar ranges from 0.0 (dark purple) to 0.004 (bright yellow), with major ticks at 0.0, 0.001, 0.002, 0.003, and 0.004. The distribution is centered around the point (6, 6), which has the highest probability density (approximately 0.004). The probability decreases as the distance from the center increases, following a roughly circular pattern. The distribution is concentrated in the lower-right quadrant of the 10x10 grid.

