

A scatter plot showing the relationship between F^*1 (x-axis) and F^*2 (y-axis) for 1000 random points. The x-axis ranges from -4 to 4, and the y-axis ranges from -4 to 4. The data points are distributed in a circular pattern centered at the origin, with a radius of approximately 2. The points are colored and shaped according to their F^*2 value, with a color gradient from blue (low F^*2) to red (high F^*2). The shapes include circles, squares, triangles, and diamonds. The points are more densely packed in the center and become sparser as they move towards the edges of the circular distribution.

4

21

0

2

4

$$F^*2$$