CP.4.5.4.b, Sauer3

Find the point (x, y) and distance K that minimizes the sum of squares distance to the circles with radii increased by K, as in Example 4.23. Plot the results.

Circles with centers $(1, 1),\ (1, -1),\ (-1, 1),\ (-1, -1),$ and $(2, 0)$ and all radii 1.