

**CP.4.5.2.a, Sauer3**

Apply the Multivariate Newton's Method to the system (4.35) for the three circles below. Use initial vector  $(x_0, y_0, K_0) = (0, 0, 0)$ .

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