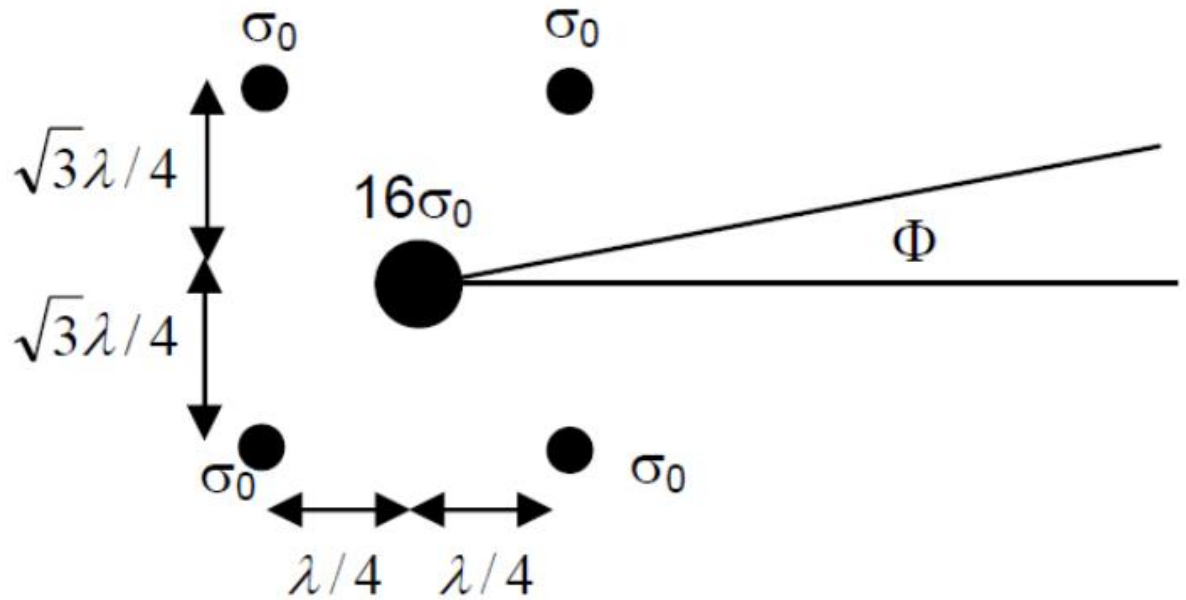
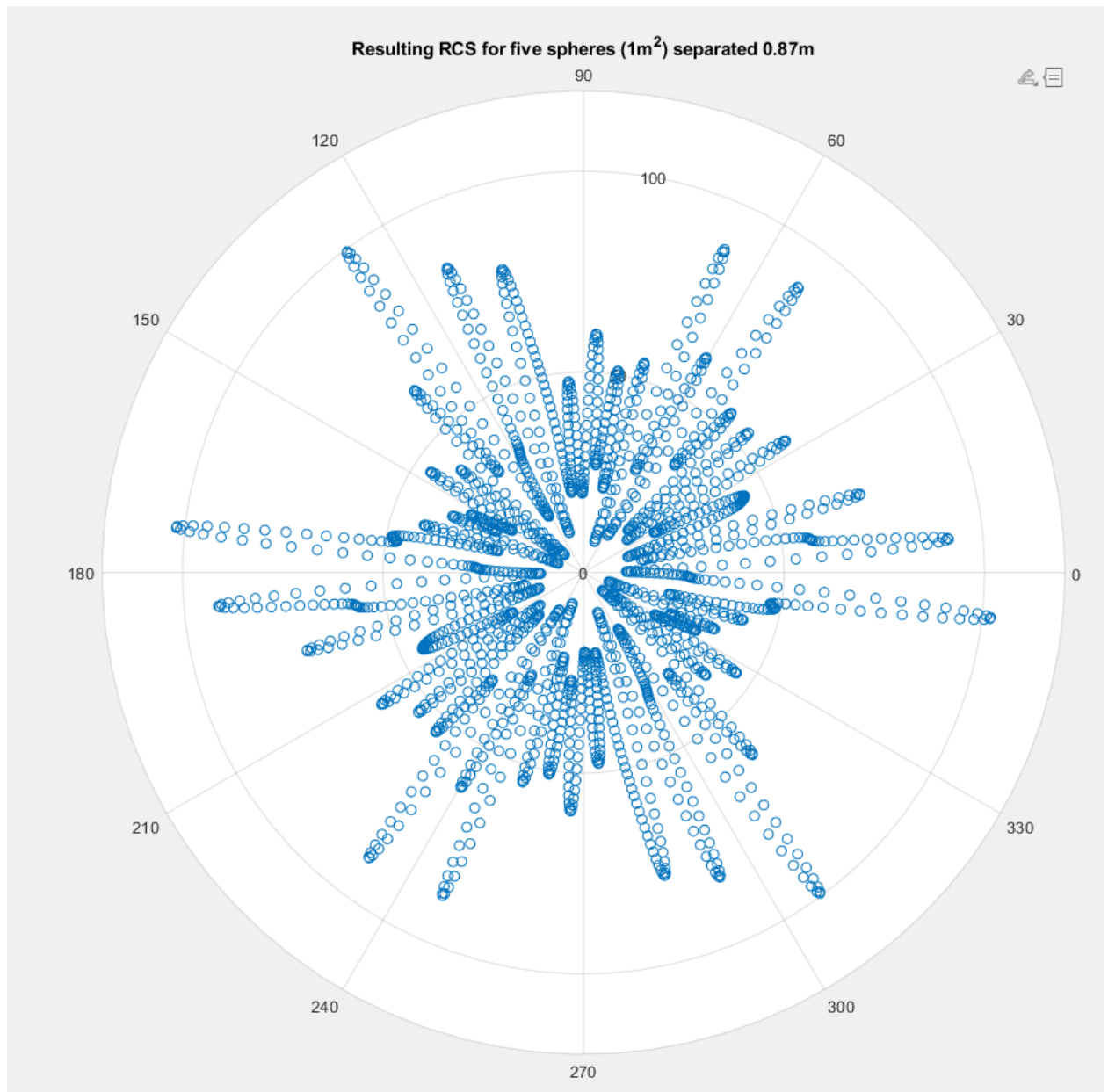


1. (25p) Answer all the questions in an electronic document. By using the MATLAB routine developed in 5.3 of session 5 (RCS): For the following distribution. Obtain the equivalent RCS in polar coordinates as a function of ϕ , in the range from 0 to 2π . Assume $\sigma_0=1 \text{ m}^2$





Out of 5, 4 are 1m^2 and 1 is $16 \times 1\text{m}^2$