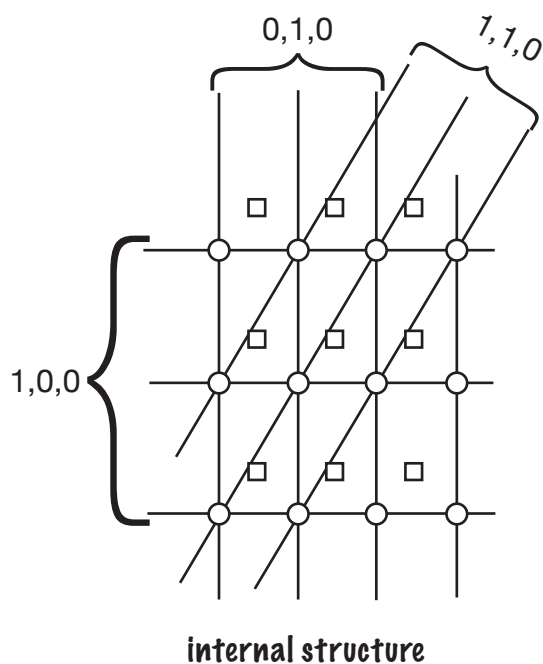


3-3Planes-->3Spots

As one rotates the crystal shown below, three of the spots on the film closest to the straight-through direction are produced by diffraction from the three indicated sets of Bragg planes. Identify them (that is, match the Bragg planes with the spots on the film).

Explain your assignments including reasons for the relative strengths of the spots and for the relative positions of the spots on the film.



experiment:

