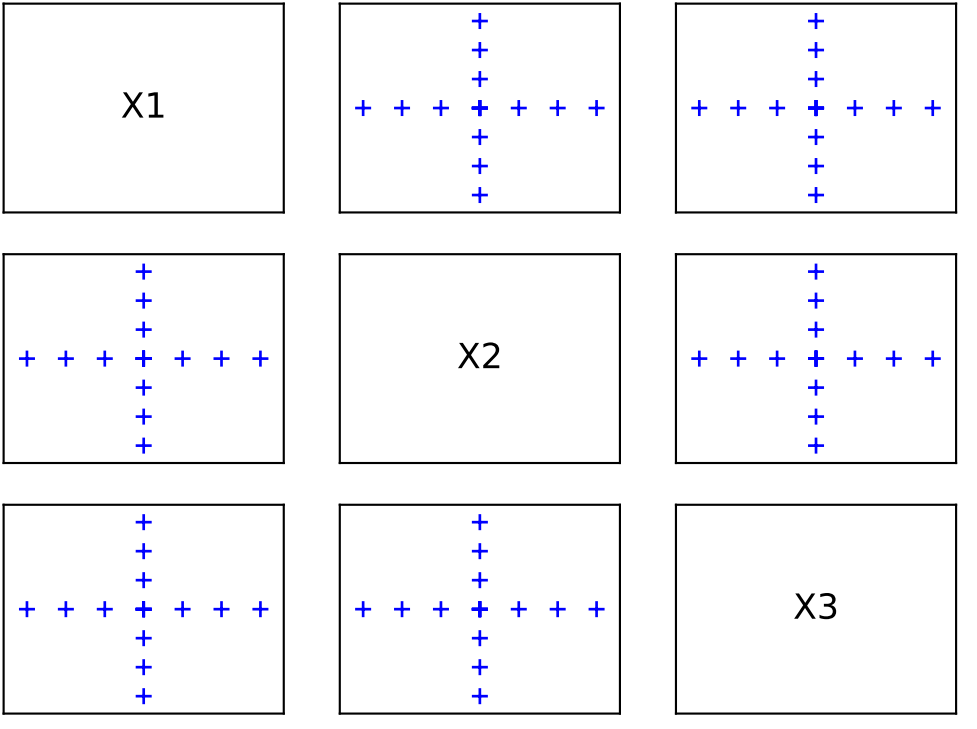Axial experiment