

Geometrical Classification of joints using Stereographic Projection

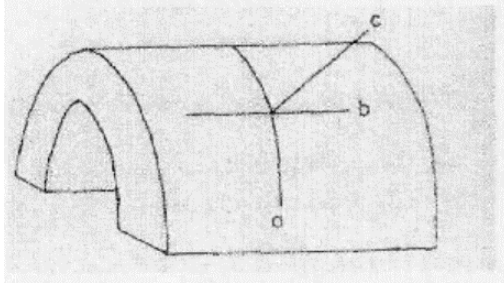


Figure shows three geometrical axes (a,b,c)

Stereographic projection of joints on Schmidt net on lower hemisphere:

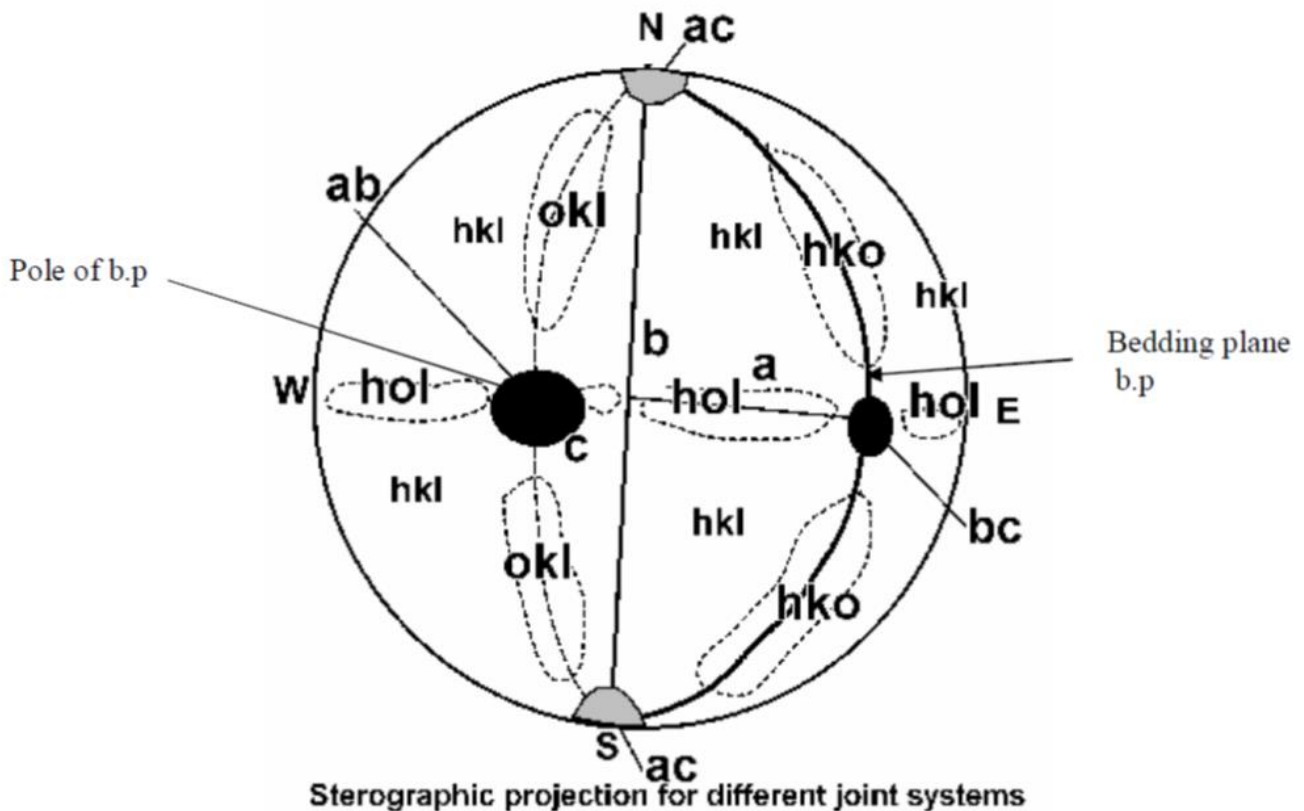


Figure shows the projection of joints on lower hemisphere of Schmidt net

Exercise:

In the field one of the station consist bedding plane of attitude (050 / 25) with following joint sets of attitude:

- 3): 233/62 4): 230/64 5): 188/70 6): 279/68
 7): 232/55 8): 229/52 9): 090/35 10): 005/30 11) 050/26

Geometrically classify each joint set at that station according to three geometrical axes (a, b,c).