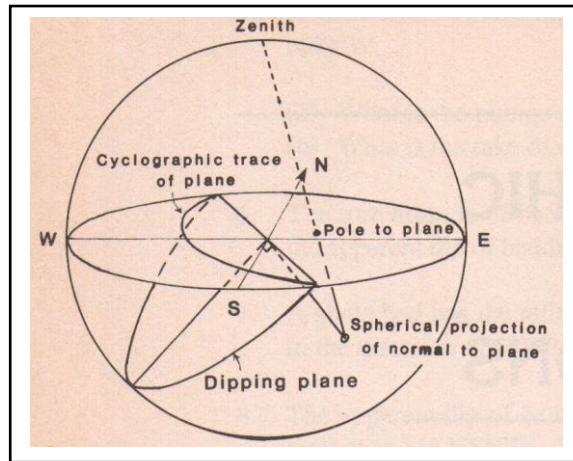
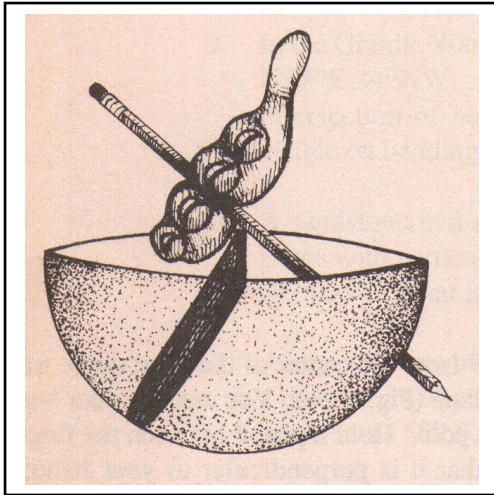


2020-2021

I) Pole to a plane:

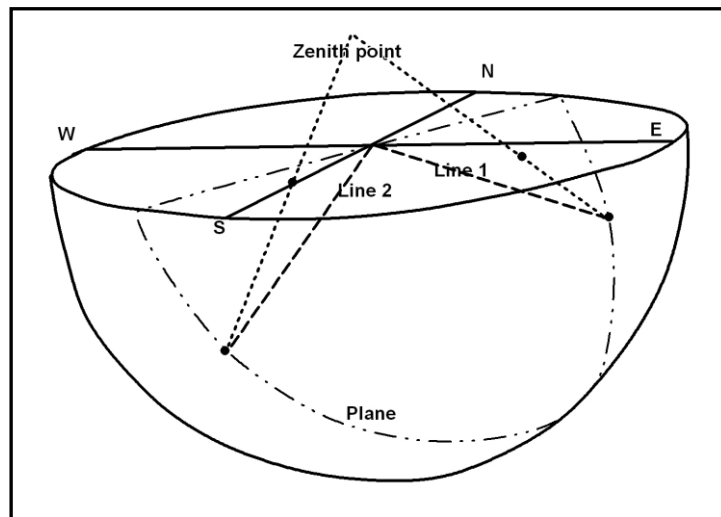
Pole: is the horizontal projection (i.e. stereonet) of a perpendicular line to a plane on lower hemisphere.



Exercise (1): Represent poles of the following planes on stereographic projection:

- 1- 290/ 44 2- 161/ 86 NE 3-S37W/ 79SE 4- 180/52
 5-360/44 6- 300/18SW

II): Angle between two lines and the attitude of plane containing two lines:



Exercise (2): Determine the angle between the following lines and the attitude of plane containing these lines:

No.	Att. Of Line (1)	Att. of Line (2)	Angle between lines	Att. Of Plane
1	051/47	108/50		
2	N74W/36	S59W/49		
3	S71E/37	183/66		