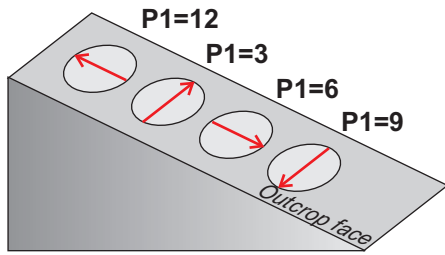
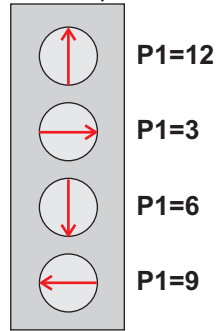


ORIENTATION PARAMETERS

Parameter P1



Outcrop face
from top



P1 is a clock value orientation of the **Arrow** which represents the x-axis of *Specimen coordinate system* (right hand rule, see Legend). The **Arrow** may be drawn:

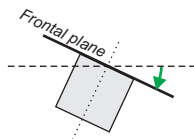
- P1=12** Upslope
- P1=3** To the Right
- P1=6** Downslope
- P1=9** To the Left

Note that the **Azimuth** of the **Arrow** may, or may not, be measured (see Parameter P3).

Parameter P2

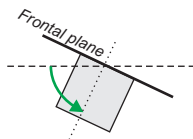
View from side

P2=0



Dip of frontal plane

P2=90

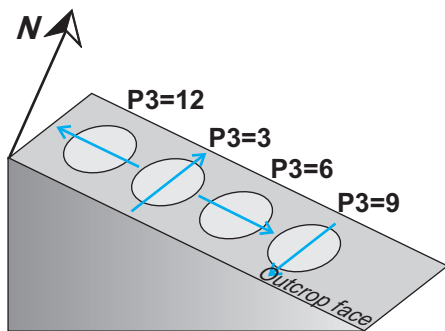


Complementary angle to Dip of frontal plane

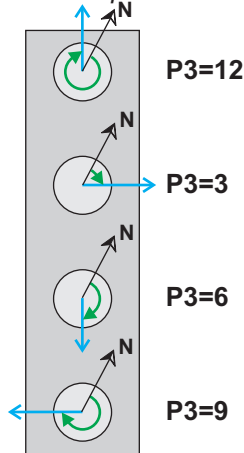
P2 indicates which angle is measured as the specimen inclination.

- P2=0** Dip of specimen frontal plane
- P2=90** Complementary angle to Dip (Plunge of specimen z-axis)

Parameter P3



Outcrop face
from top



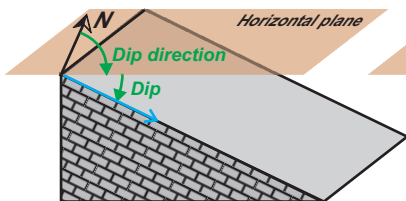
P3 is a clock value that indicates which **Direction** on specimen frontal plane (x-y plane) is measured using geological compass and expressed as **Azimuth**.

- P3=12** Antipode of Dip direction
- P3=3** Right-handed Strike
- P3=6** Dip direction
- P3=9** Left-handed Strike

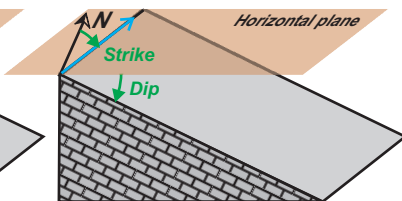
Note that the measured **Direction** may, or may not, coincide with the **Arrow** (see Parameter P1).

Parameter P4

P4=0



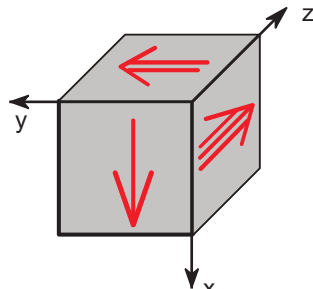
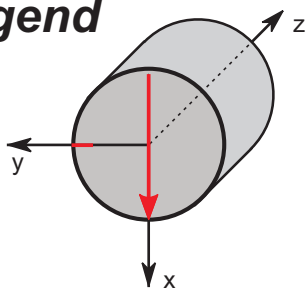
P4=90



P4 indicates how mesoscopic foliation adjacent to the specimen is measured.

- P4=0** Dip direction / Dip notation is used
- P4=90** Strike / Dip notation is used (right hand rule)

Legend



- Red** Markings drawn on specimen
- Blue** Measured directions (not drawn)
- Green** Orientation angles

Azimuth is measured as a clockwise angle from the North and it is expressed in degrees $<0 - 360^\circ$). Anticlockwise angles are not allowed!