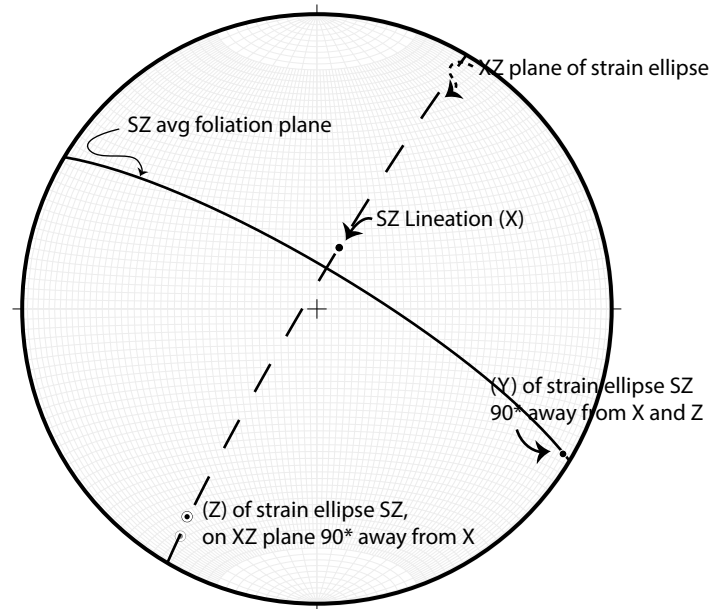
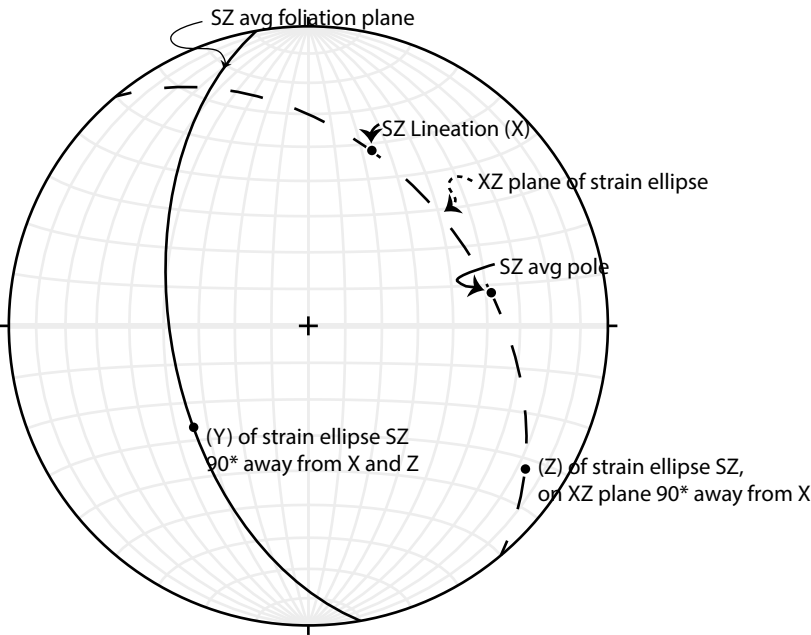


**Mt Boothby Shear zone
Strain Ellipse Calculation**

**Traverse 1, Raimondo et al. (2011)
Strain Ellipse Calculation**



We calculated the strain ellipse for regional structures in the Reynolds Range based on the data from Traverse 1 of Raimondo et al. 2011 with an average shear zone foliation of 121 / 79 N and mineral lineation 72 --> 020 the strain ellipse is:

- X: 72 --> 020
- Y: 04 --> 120
- Z: 18 --> 212

Using field data of the Boothby shear zone with an average foliation of 170 / 52 E and mineral lineation 38 --> 020 we calculated the strain ellipse to be:

- X: 38 --> 020
- Y: 48 --> 230
- Z: 15 --> 123

The XZ plane of the strain ellipse is made up by the lineation (line) and pole to foliation
X-axis of the strain ellipse is // mineral lineation of the SZ: 38 --> 020
SZ boundary is at ~10 degrees.

