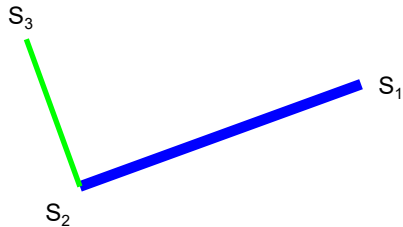
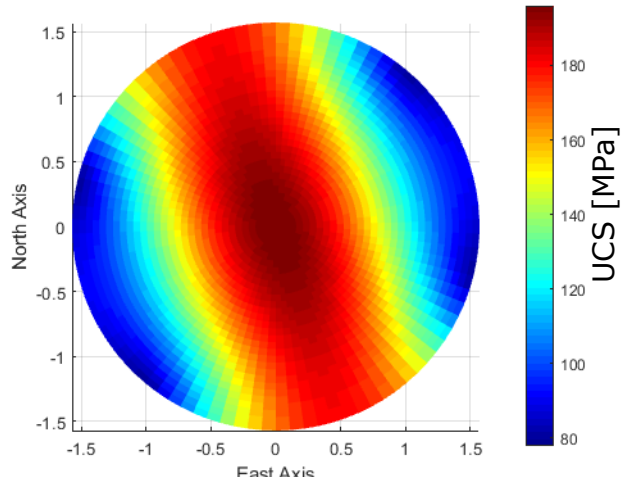


Geographical principal stresses



Required UCS ($P_w = P_p$)



Breakout angle by Lade - $P_w = 45\text{MPa}$
UCS=80MPa

