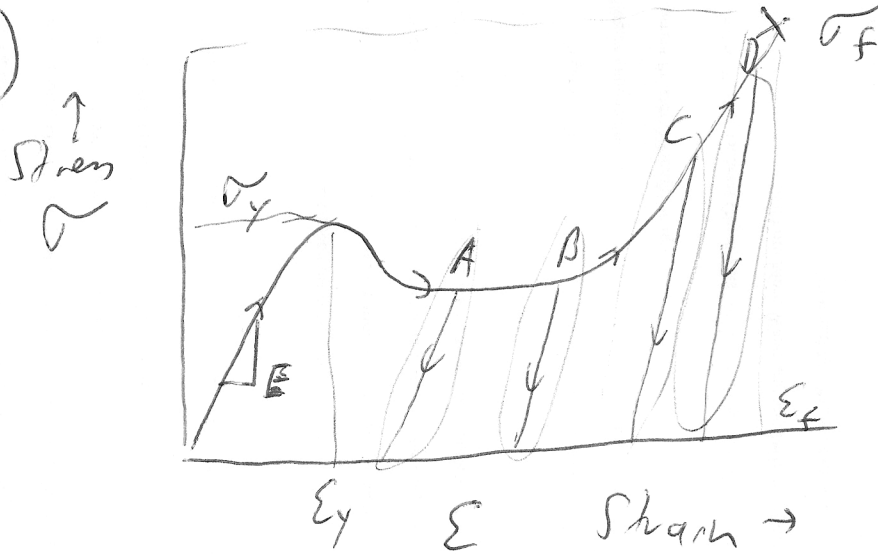


Other crystal systems can display twins. (5)

3) a)



b)

Modulus increases with strain hardening
(E slope of σ vs ϵ)
Yield Stress increases

c)

$$\tau = \tau_0 + G \propto b \rho^{1/2}$$

No
Dislocation

Dislocation density

(wiki: Work Hardening)

d)e) see wiki page on strain hardening