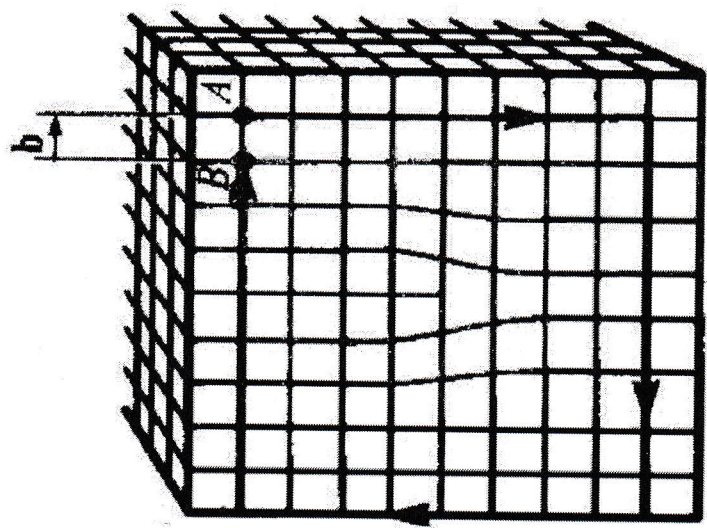


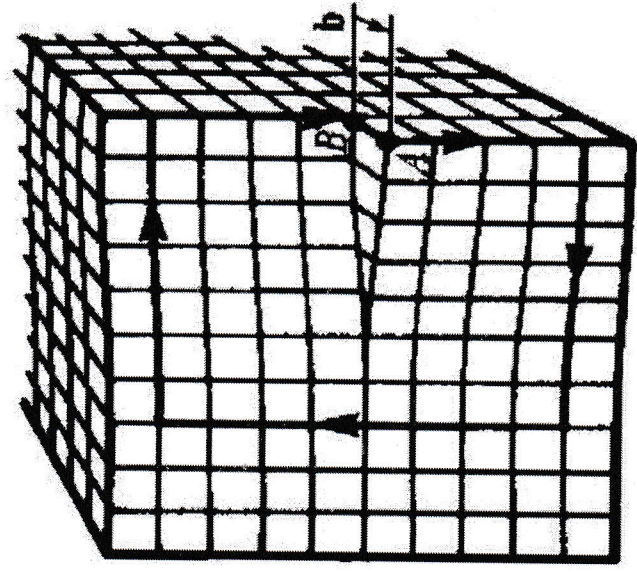
(a)

crystal parfait
بلورة مثالية



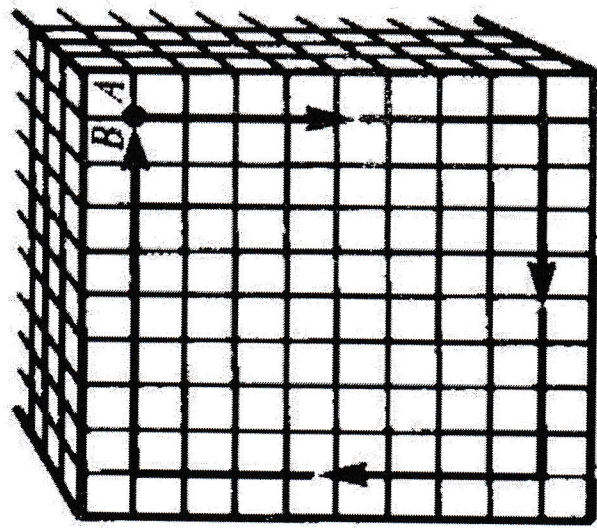
(b)

Dislocation
cœur
انضلاع طرفي



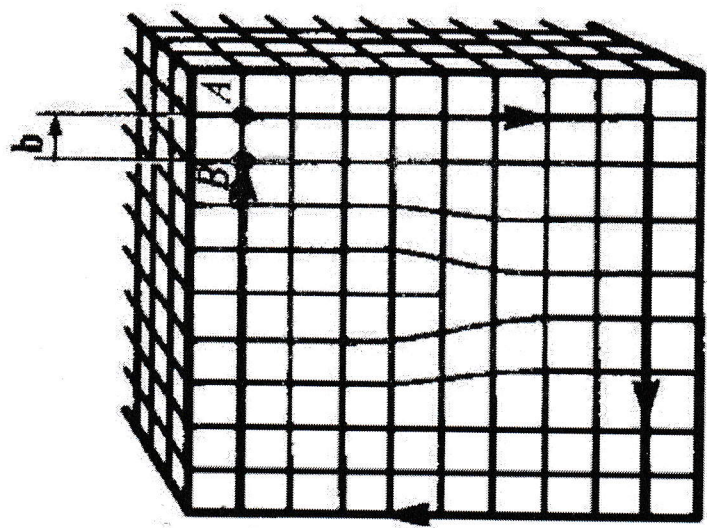
(c)

dislocation
vis
انضلاع لولبي



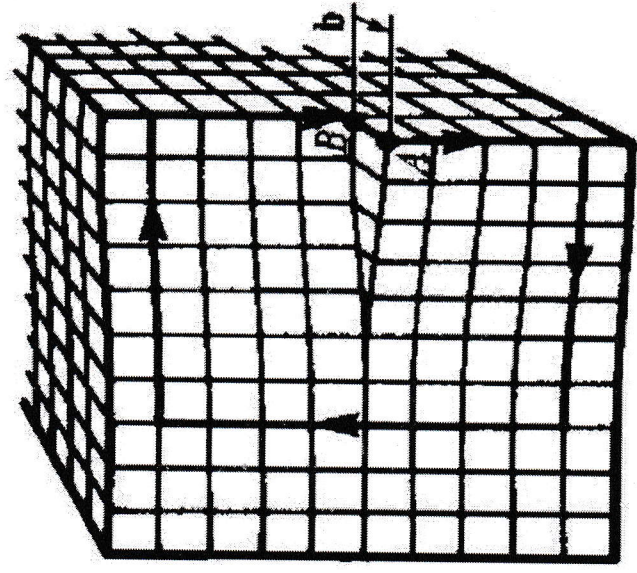
(a)

crystal parfait
بلورة مثالية



(b)

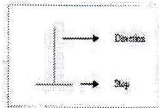
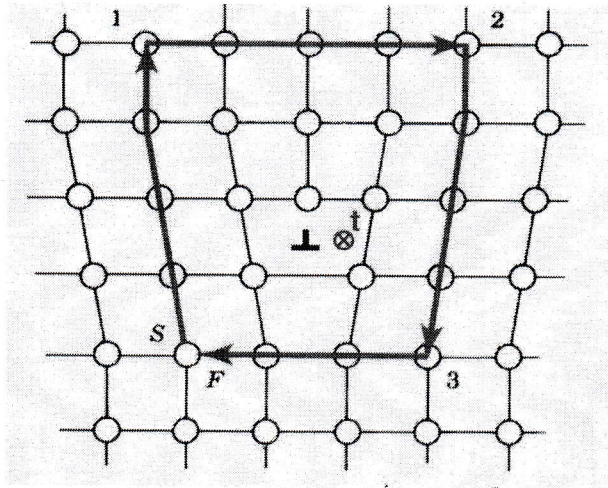
Dislocation
cœur
انضلاع طرفي



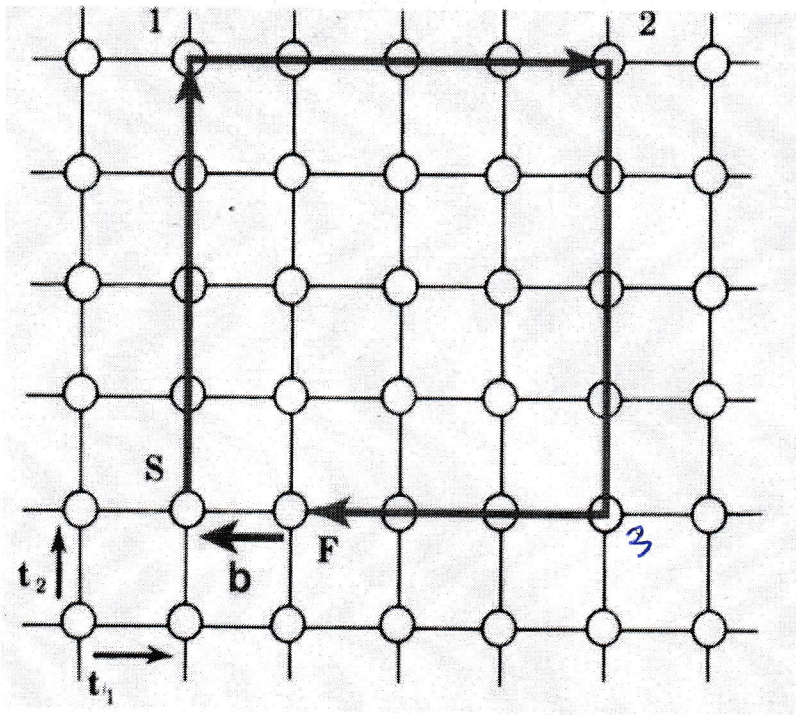
(c)

dislocation
vis
انضلاع لولبي

شعاع برکری حالت انضلاع طرفی



Boucle avec dislocation

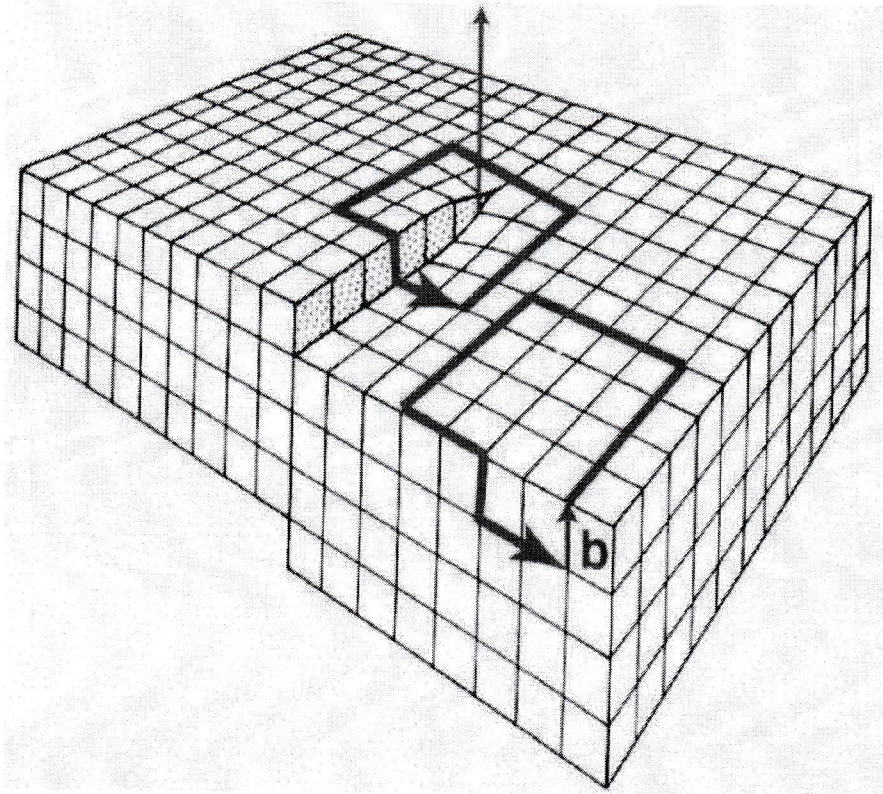


Boucle sans dislocation

$$\vec{b} \perp \vec{t}$$

شعاع برکر فی حالت انفعال لولبی

Dislocation Vis

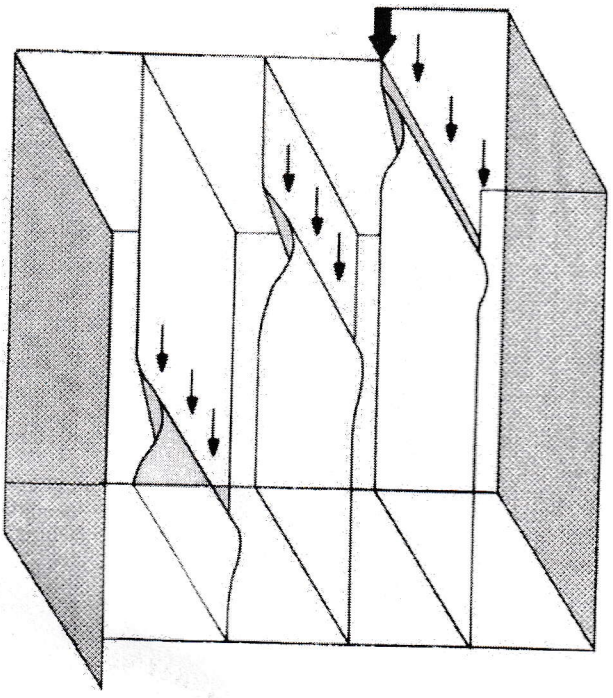


$$\vec{b} \parallel \vec{E}$$

تحويل المرن
مرونة

Déplacement d'une dislocation coin

Schématisation du passage d'une dislocation :



Pli sur un tapis, serpent, vague...

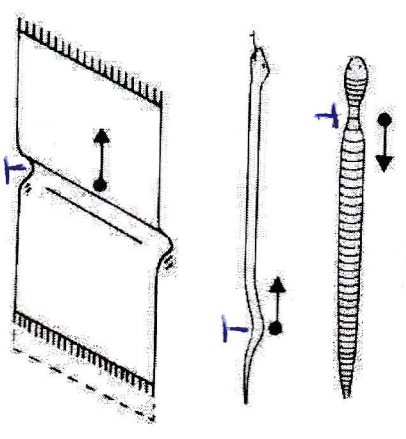


Figure (7)

Passage progressif de proche en proche

→ effort bien inférieur à un glissement en bloc

(7)

Maxim Jaleso

Analyse mécanique du glissement

Loi de Schmid :

$$\tau = \frac{F}{S_0} \cos \theta \cos \chi$$

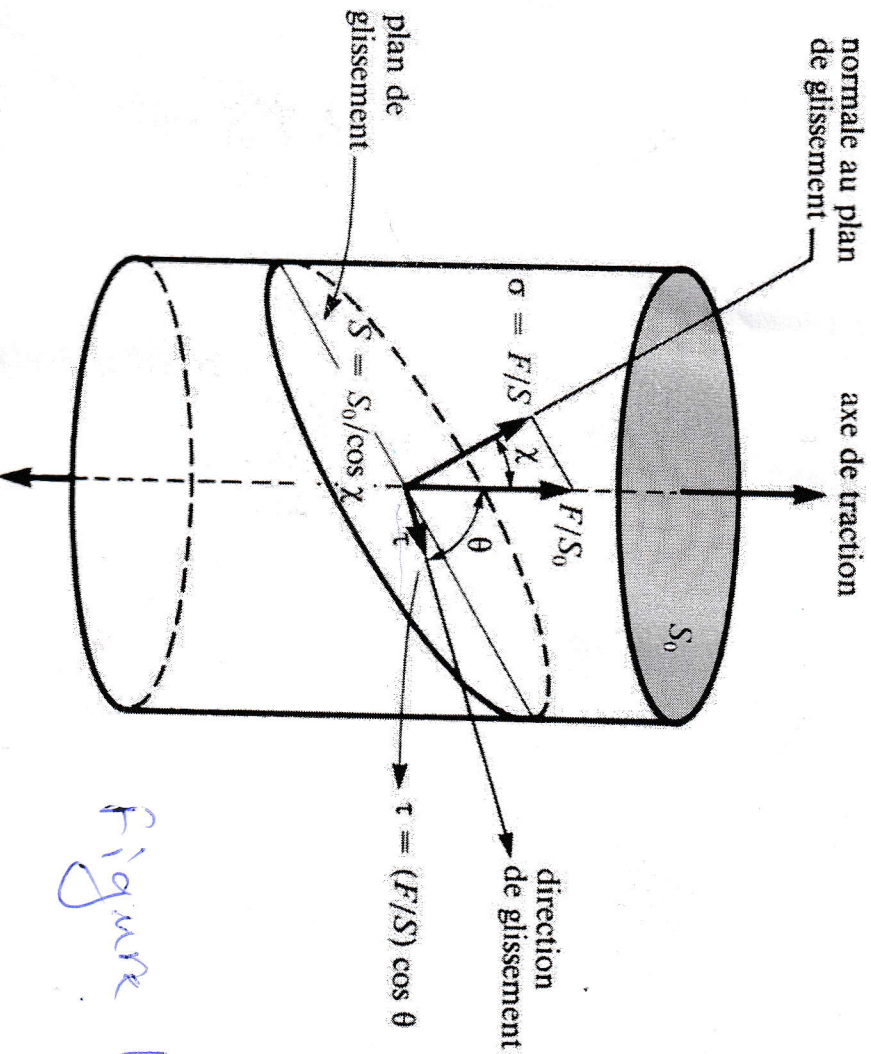


Figure (9)

Cission résolue = cission critique ? ... activation ou non du système

(11)