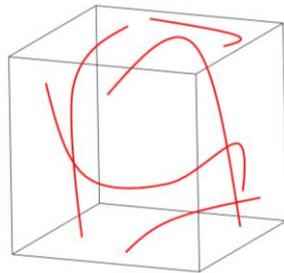
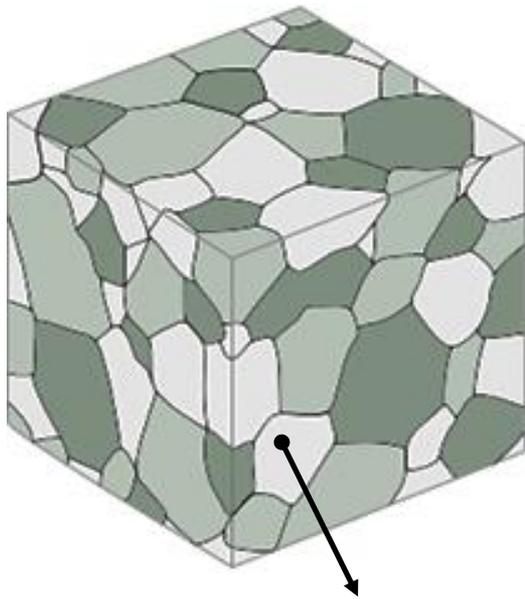
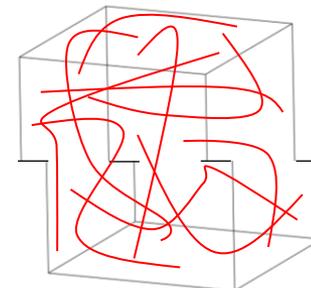
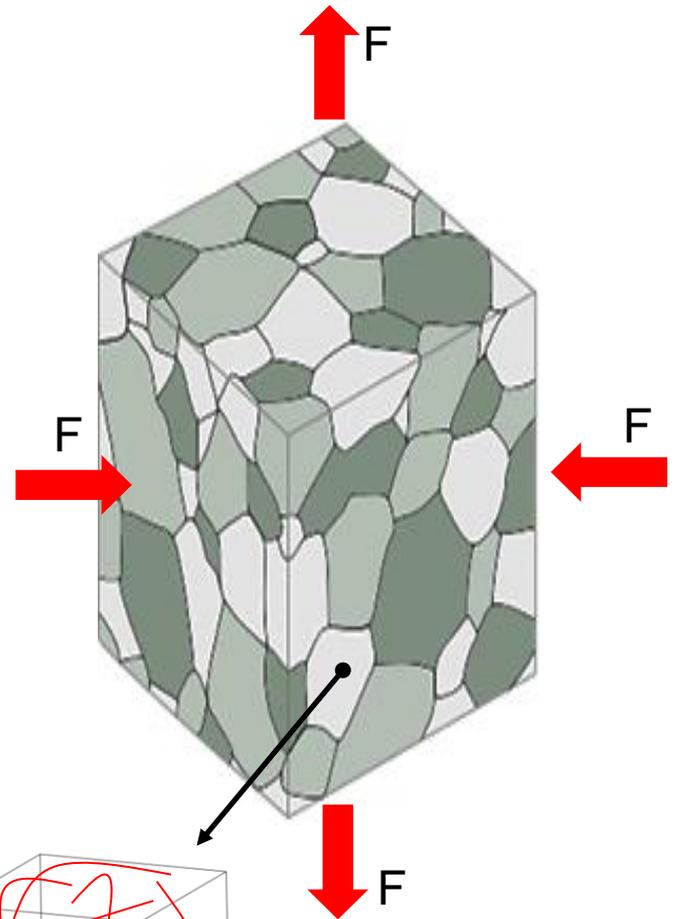


Caso 1: Metallo PURO

Metallo poli-cristallino



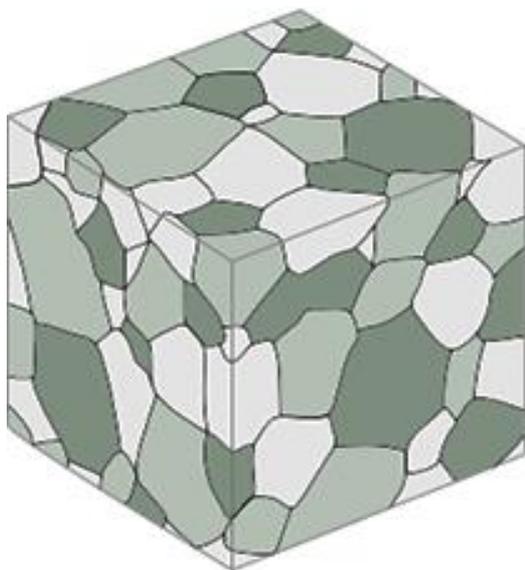
Deformazione plastica
(= permanente) a freddo



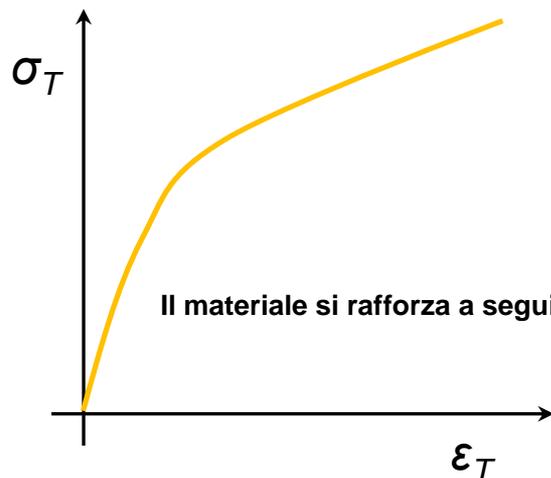
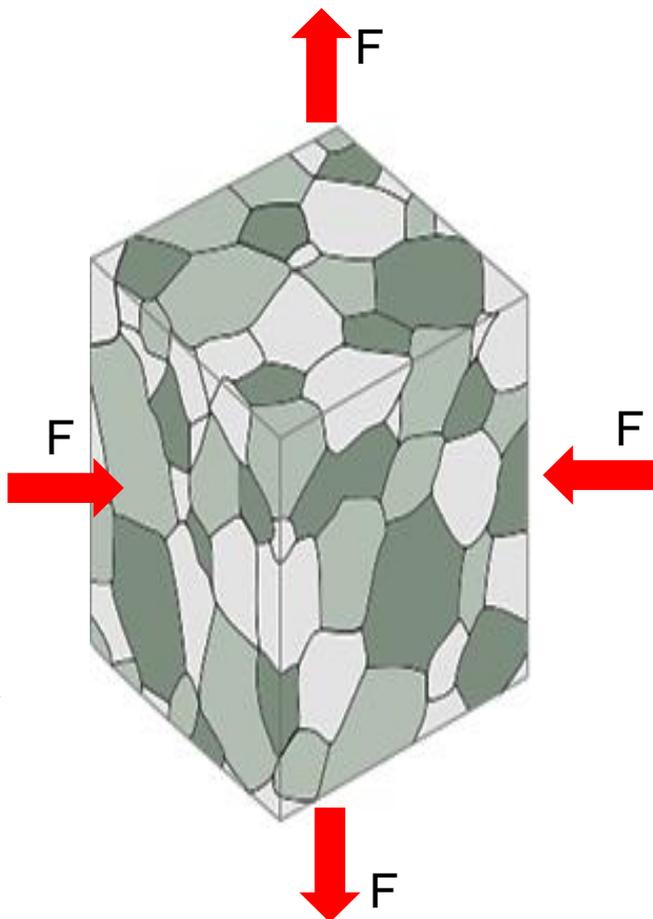
Aumento della lunghezza totale
e del numero delle dislocazioni

Caso 1: Metallo PURO

Metallo poli-cristallino



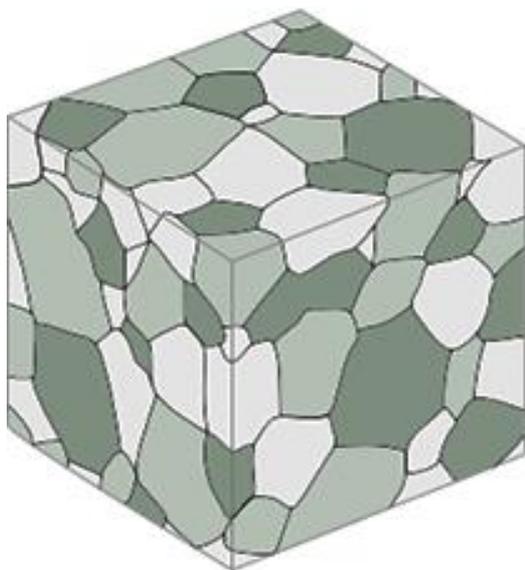
Deformazione plastica
(= permanente) a freddo



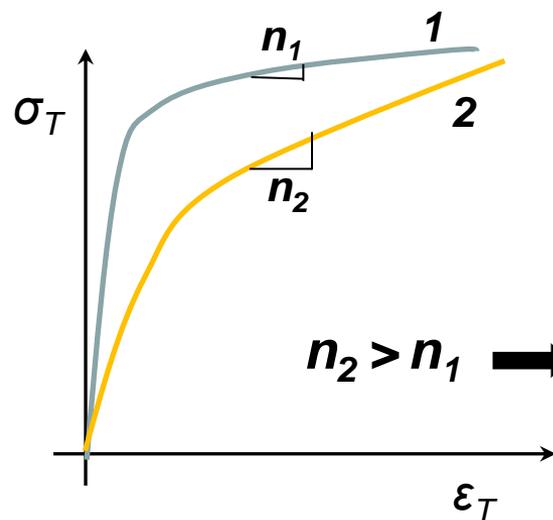
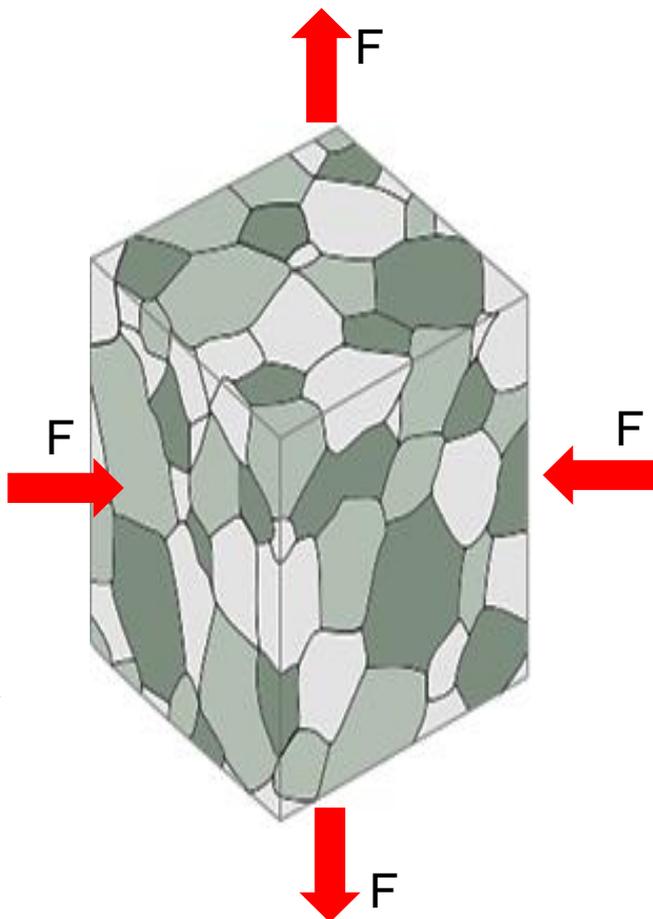
Il materiale si rafforza a seguito della deformazione plastica \rightarrow **si incrudisce**

Caso 1: Metallo PURO

Metallo poli-cristallino



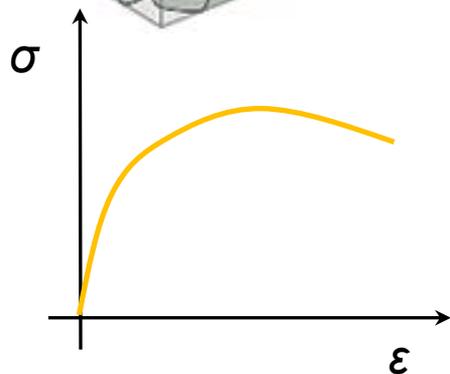
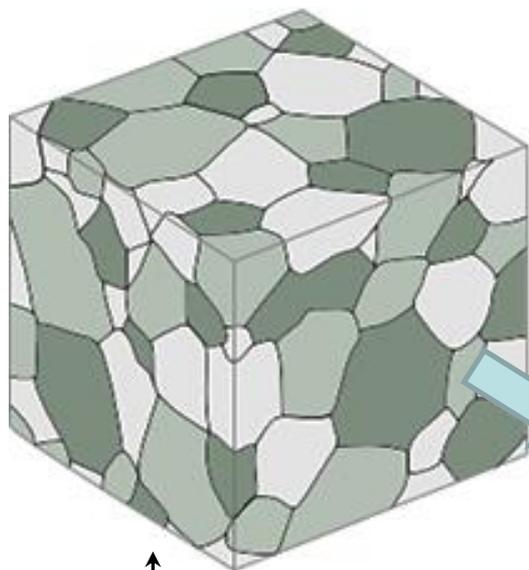
Deformazione plastica
(= permanente) a freddo



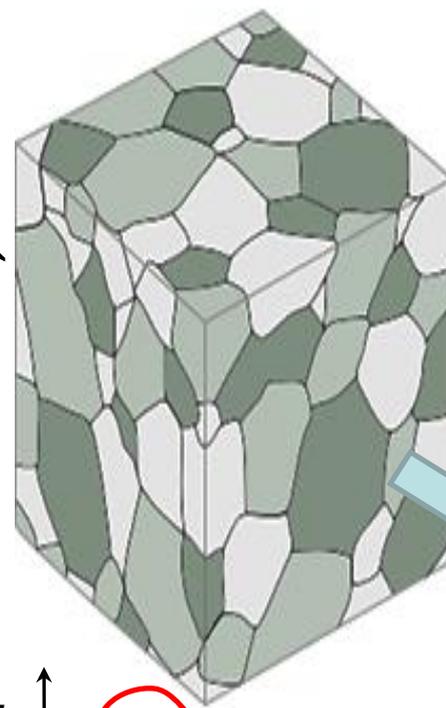
$n_2 > n_1$ \rightarrow Il materiale 2 si rafforza «più velocemente»

Caso 1: Metallo PURO

Metallo poli-cristallino



Deformato plasticamente



Durezza HB \uparrow

