



# INITIATION A L'EUROCODE 5

LYCEE HAROUN TAZIEFF

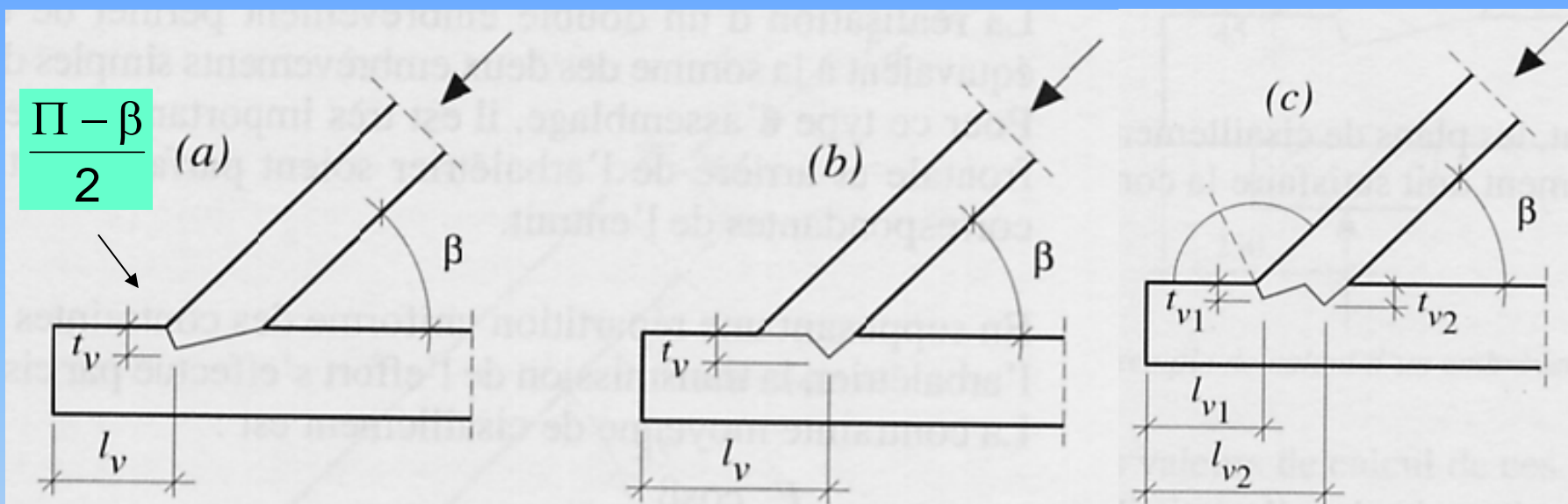
ASSEMBLAGES TRADITIONNELS



# **ASSEMBLAGES TRADITIONNELS**



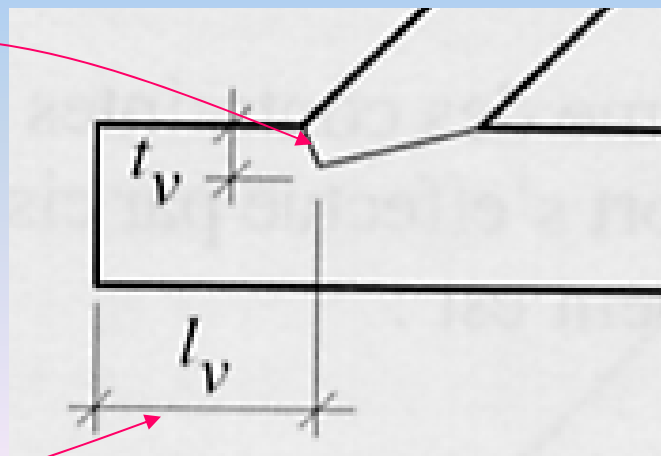
## M3/06 - ASSEMBLAGES TRADITIONNELS



Les modes de rupture :

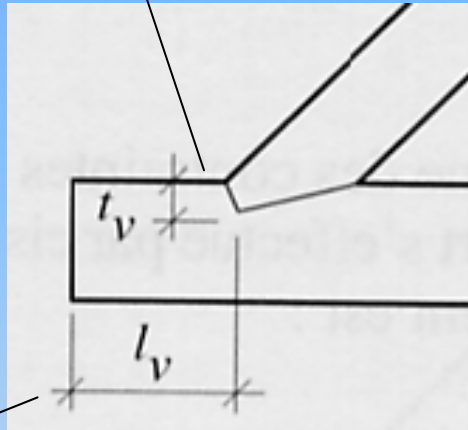
Surface de l'about

Lg du talon



### Contrainte sur l'embrèvement avant

$$\sigma_{c,\alpha,d} = \frac{F \cos^2 \frac{\beta}{2}}{b \cdot t_v}$$



### Vérification

On vérifiera que  $\sigma_{c,\alpha,d} \leq f_{c,\alpha,d}$  ou  $\frac{\sigma_{c,\alpha,d}}{f_{c,\alpha,d}} \leq 1$

avec  $f_{c,\alpha,d} = \frac{k_{\text{mod}} \cdot f_{c,\alpha,k}}{\gamma_M}$

### Contrainte de cisaillement (talon)

$$\tau_d \geq \frac{F \cos \beta}{b \cdot l_v}$$

### Vérification

$$\tau_d \leq f_{v,d} \cdot k_v \quad \frac{\tau_d}{f_{v,d}} \leq 1$$

$$f_{v,d} = \frac{k_{\text{mod}} \cdot f_{v,k}}{\gamma_M}$$





# FIN

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