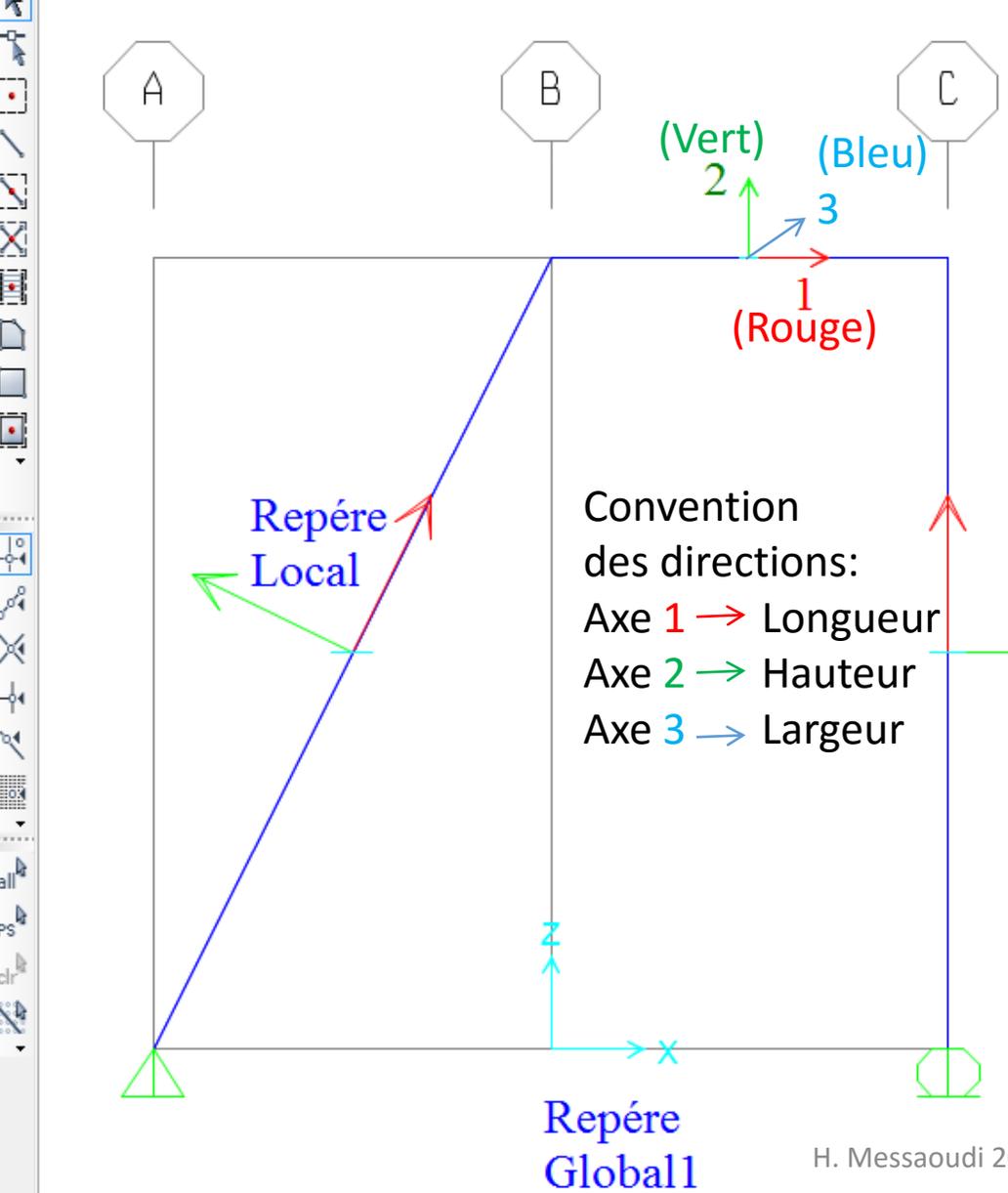
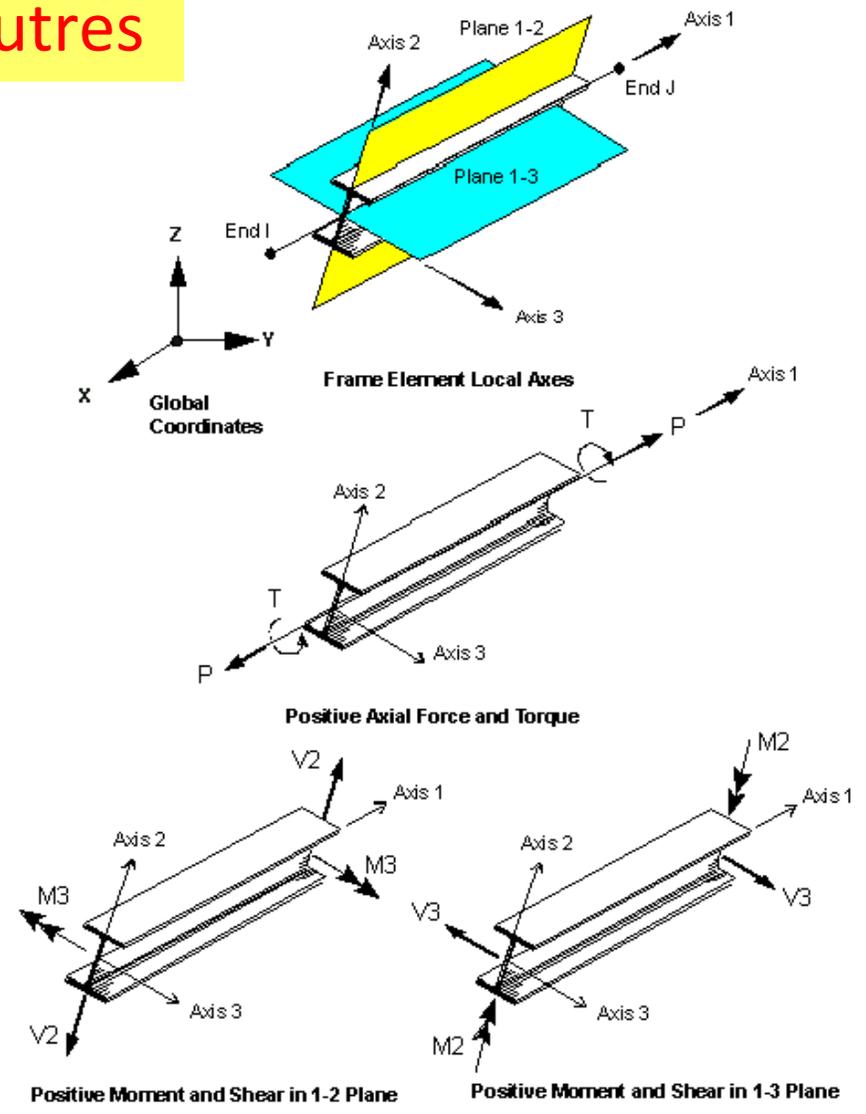


REPÈRES



Poutres

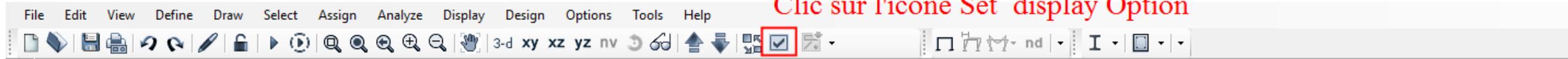


Frame Element Internal Forces

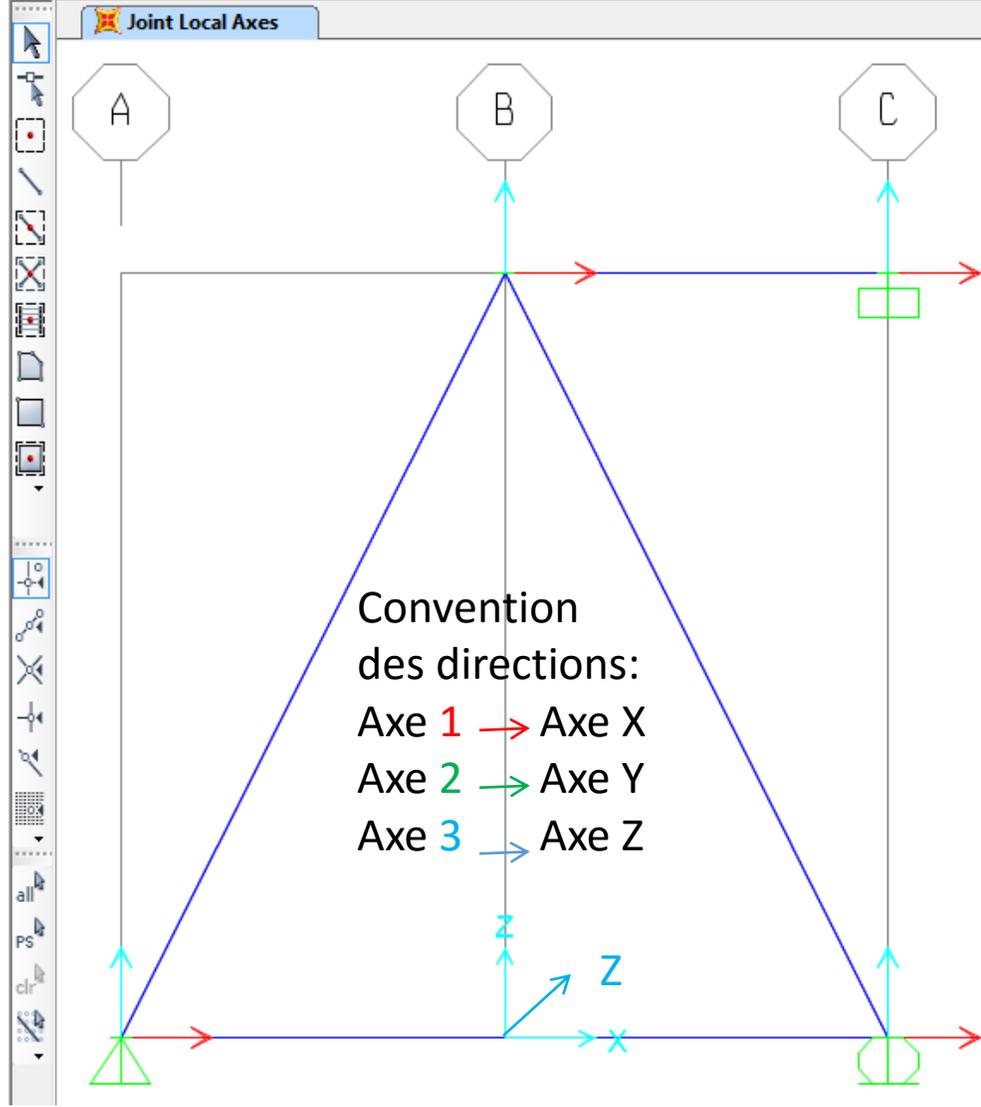
REPÈRES

Noeuds

SAP2000 v17.2.0 Ultimate - (Untitled)



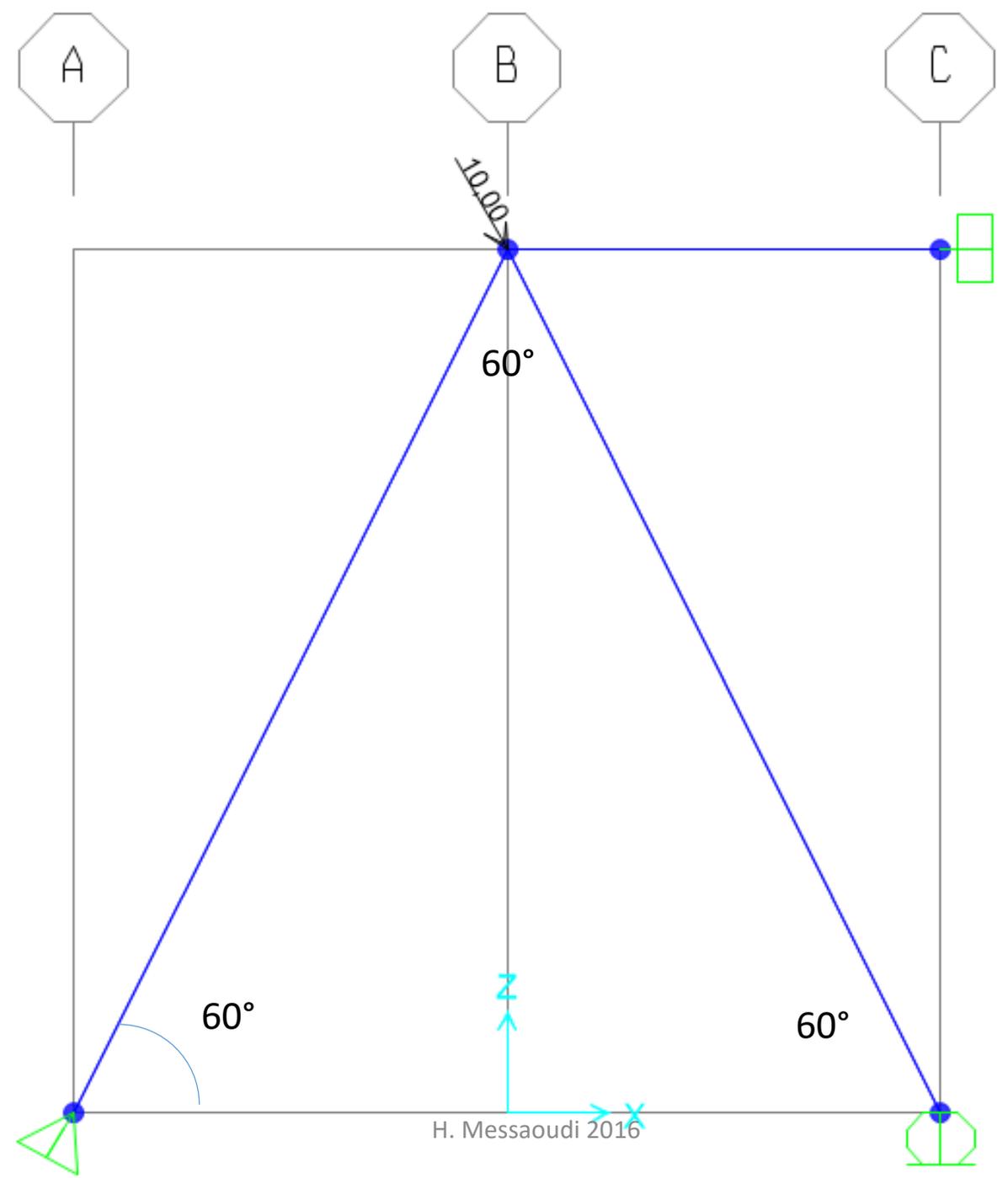
Clic sur l'icone Set display Option



Convention
des directions:
Axe 1 → Axe X
Axe 2 → Axe Y
Axe 3 → Axe Z

pour afficher les N° clic sur 1
pour afficher les axes locaux clic sur 2
pour extruder la vue clic sur 3

Exemple



File Edit View Define Draw Select Assign Analyze Display Design Options Tools Help

3-d xy xz yz nv

Joint Local Axes

A B C

1 Selection du point

2 Saisir la valeur de l'angle de rotation du repere en Degré

3 Valider

Joint Local Axis

Rotations in Degrees

Rotation about Z 0

Rotation about Y -30

Rotation about X 0

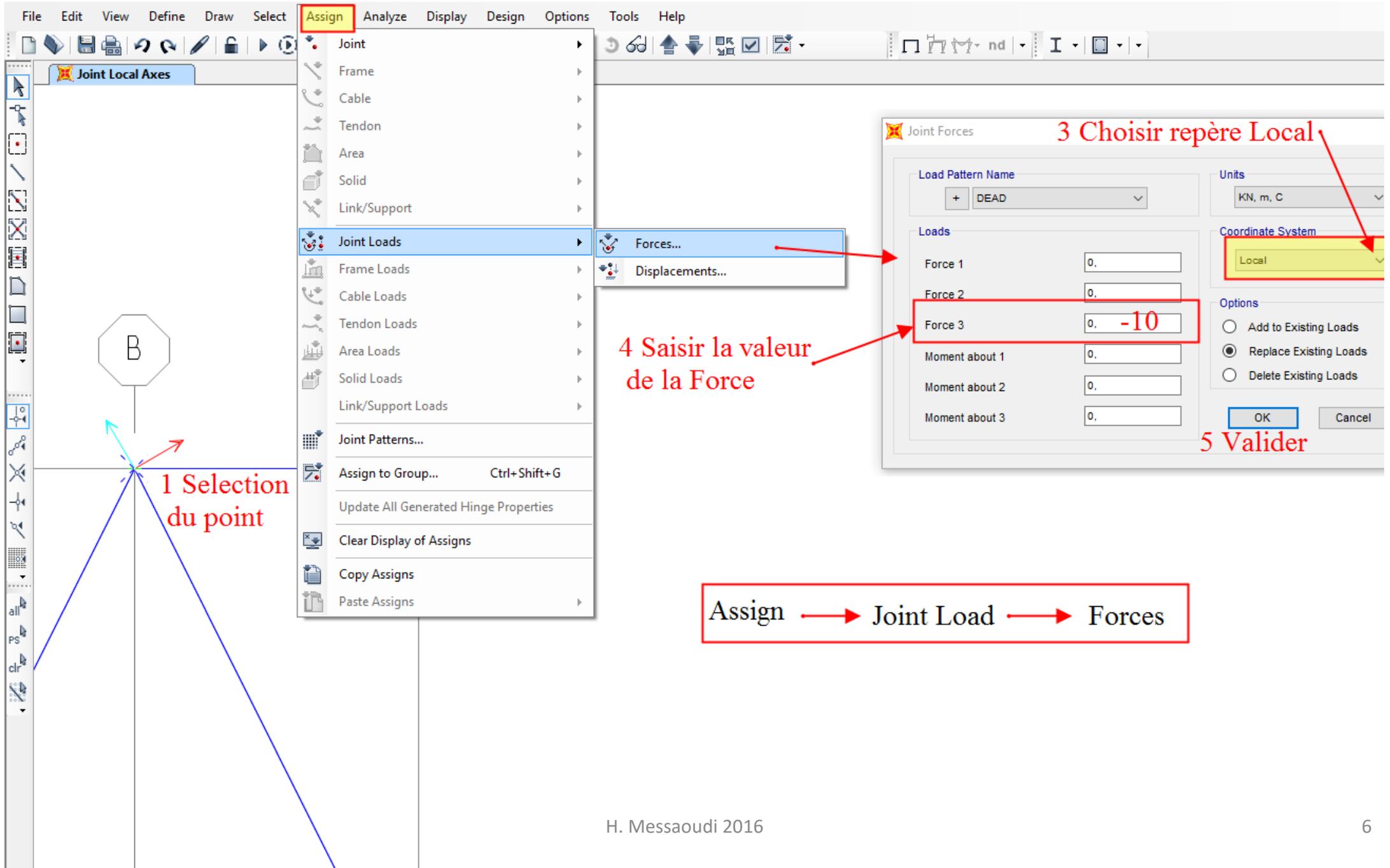
Advanced Axes Advanced

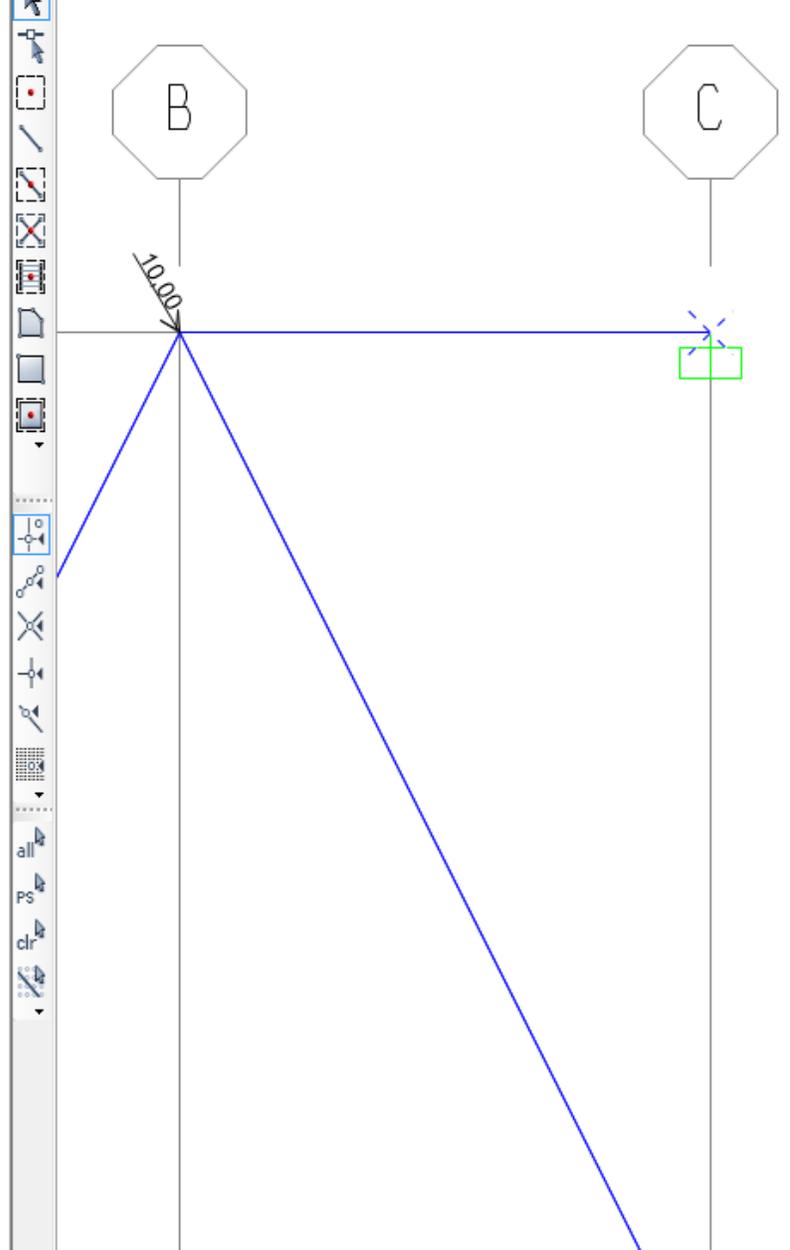
Use default (Global)

OK Cancel

H. Messaoudi 2016

2 Clic sur Forces





Joint Local Axis

Rotations in Degrees

Rotation about Z	0
Rotation about Y	-90
Rotation about X	0

Advanced Axes Advanced

Use default (Global)

OK Cancel

meme procedure que celle de l'appui double sauf pour la valeur de l'angle de rotation