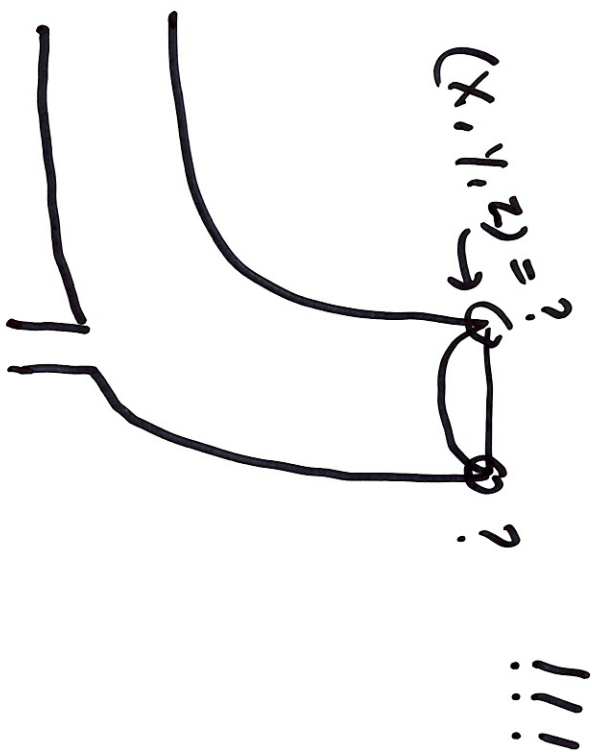


# Lecture 3

8/31

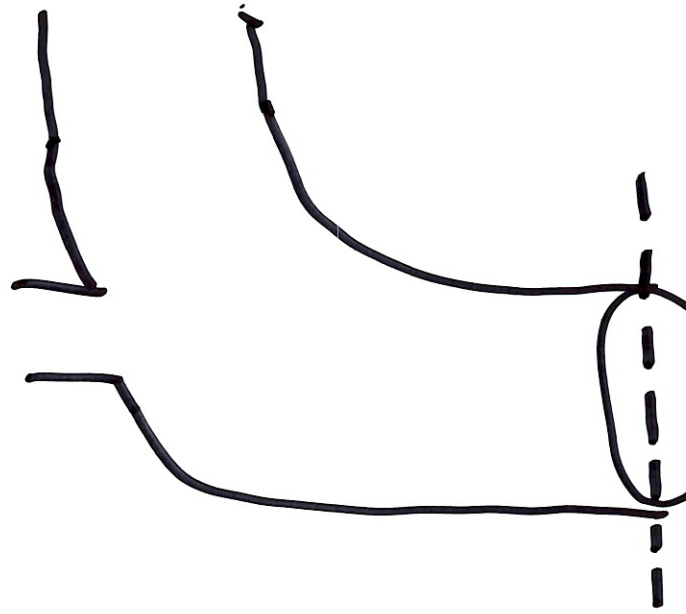
\* Tips on Tutorial \*1 (and Fluent in general)  
v.12

↙ \* Geometry — Know your coordinates



\* Mesh

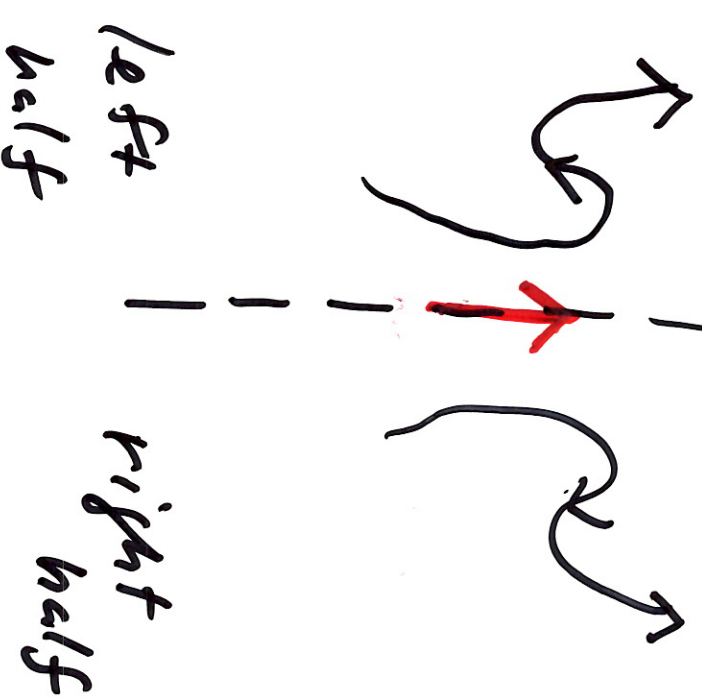
Full pipe → half pipe by invoking Symmetry



Plane of sym. is NOT a wall

wrong to set it as

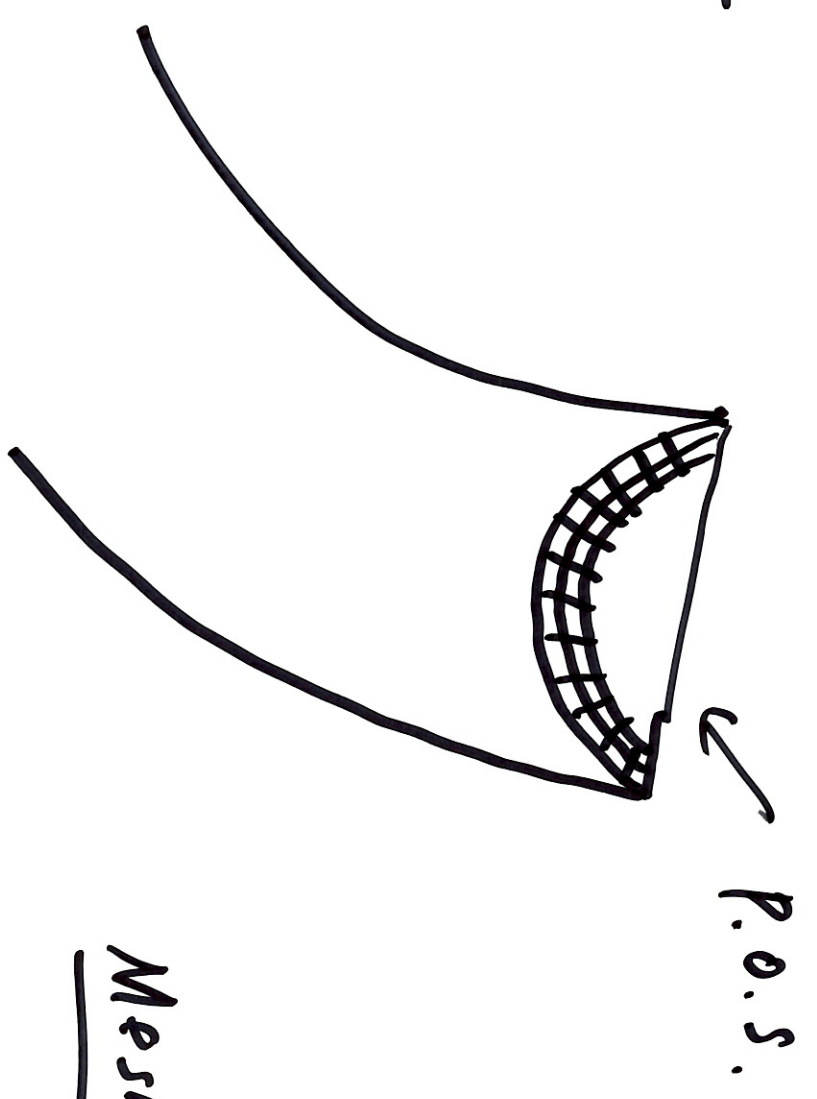
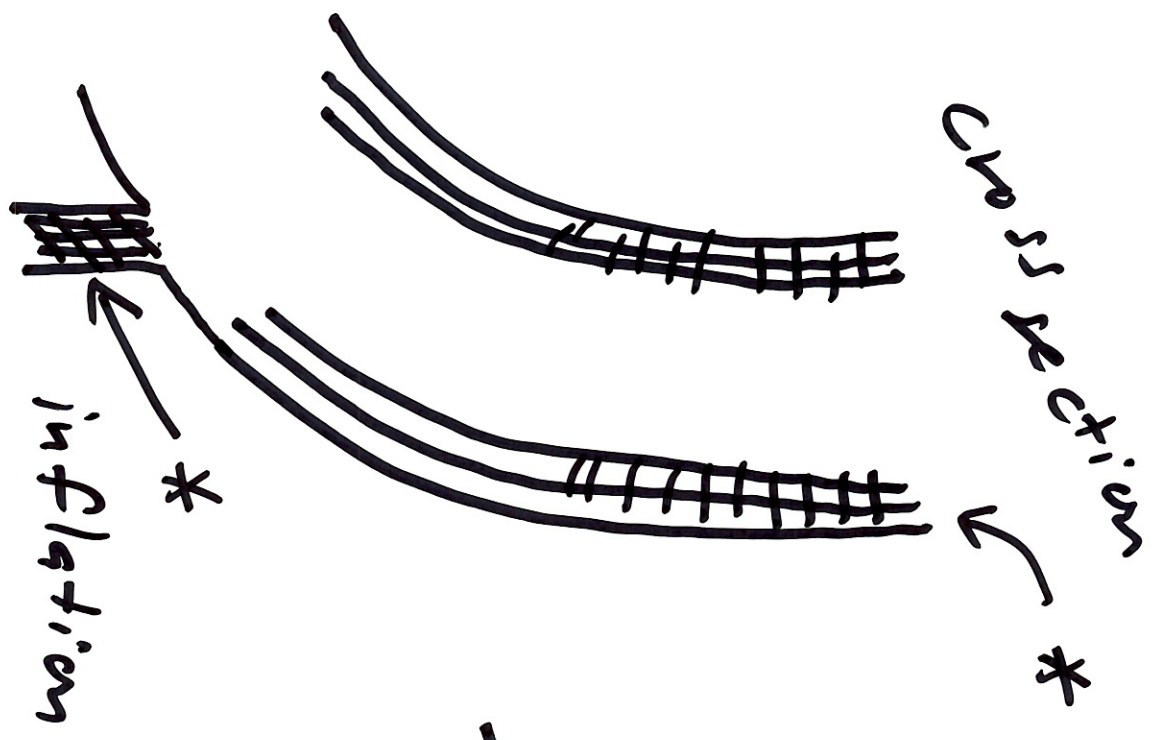
wall X



Mesh

enhanced mesh along the "wall"

BUT NOT p.o.s.

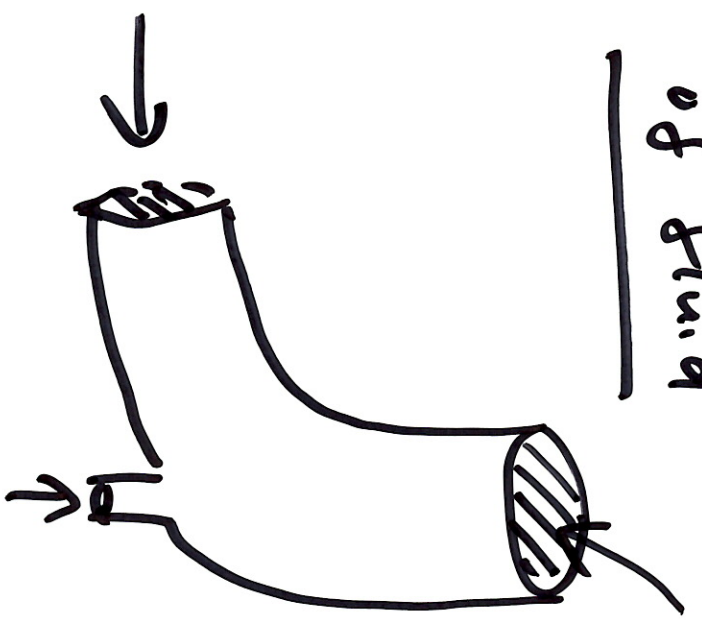


~~Also~~ Name critical surfaces under geometry

3D geometry → of the body ✓

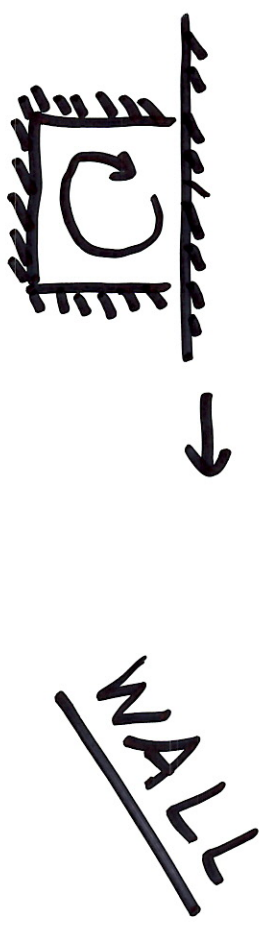
of fluid

~~✓~~ of the "shell" or "container"



"  $\vec{V} = 0$  at

"boundary"



— In-class demo —