

# Lecture 13

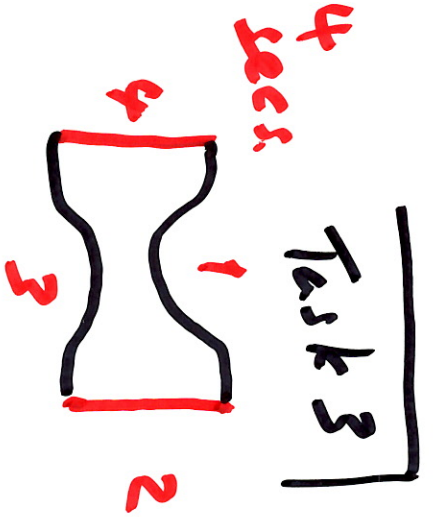
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\* Solution for HW1 posted to class website

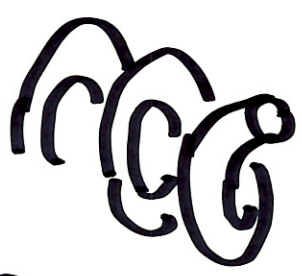
[Next Mon/Tue: Fall Break  
No class/office hrs]

Recap (Lec 12)

Geometry for  
Task 2



~~Task 2~~



3-D pipe

Curve

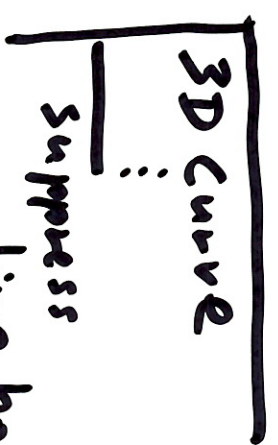
1 sec. ←

5 columns

i1	i2	x	y	z
1	1	3.8	1.5	6.7
1	2	...	...	...
1	3	...	...	...
...	...	...	...	...

→ Data

Matlab

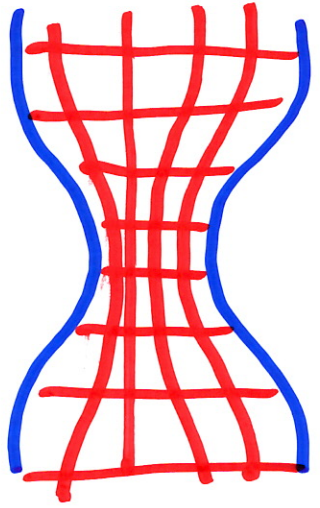


Suppress line body



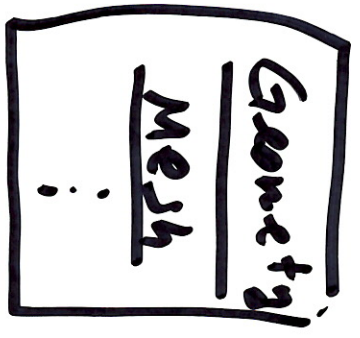
Task 3 : purely 2-D

~~The~~ "Inviscid" model

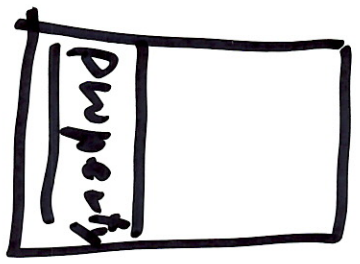


No need to put more nodes near the wall

Need to declare it in the beginning



P.C.



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(Analysis type)

3D → 2D

Can use more uniform mesh

(Face meshing)