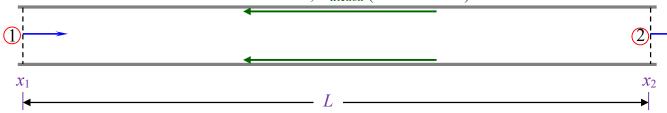
Today, we will:

- Continue to discuss Fanno flow, look at the momentum equation
- Discuss Fanno flow qualitatively, and compare with other 1-D flows we have discussed

Fanno Flow (continued):

Friction force, F_{friction} (wall on fluid)



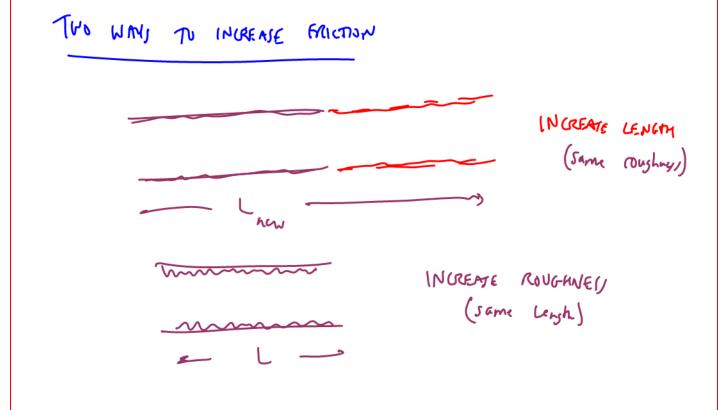
Review from last time... Conservation equations:

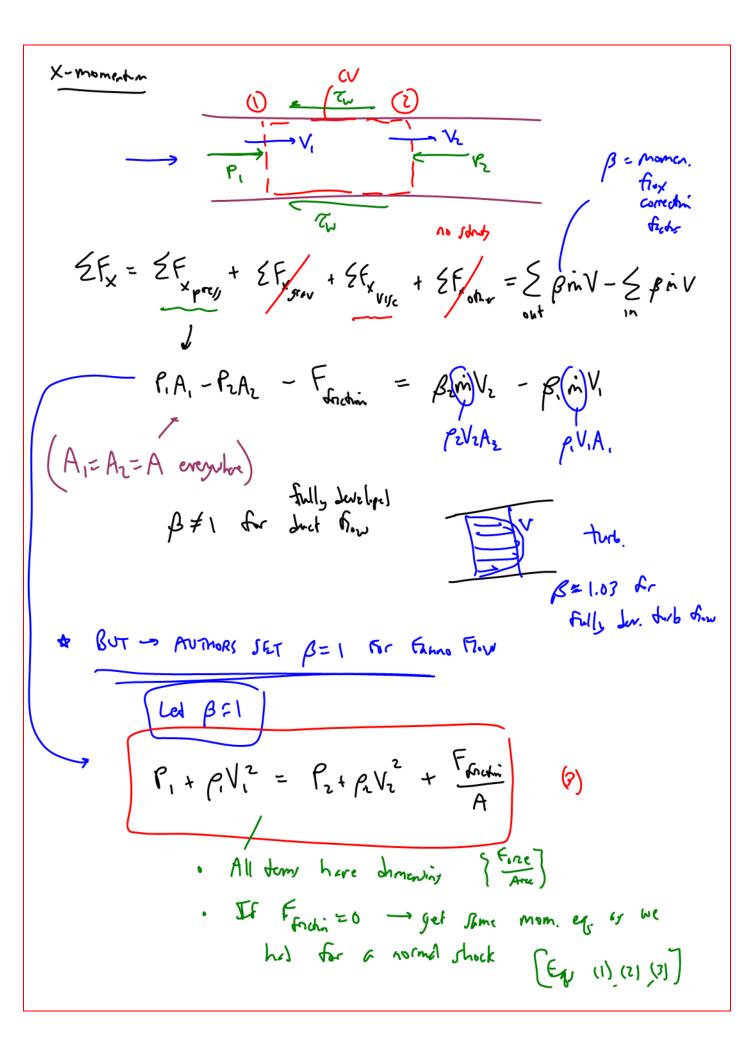
Review from last time... Conservation equations: ENERGY
$$\rho_1 V_1 = \rho_2 V_2 \quad \text{or} \quad \rho V = \text{constant} \quad (1)$$

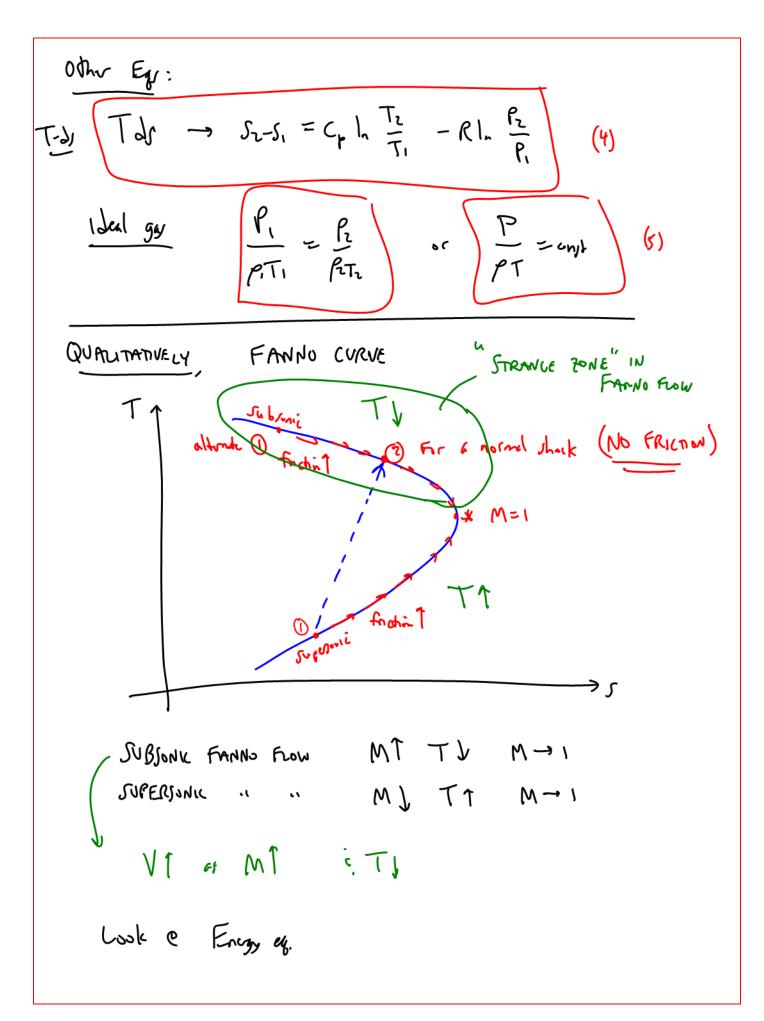
$$T_{01} = T_{02} \quad \text{or} \quad c_p T_1 + \frac{V_1^2}{2} = c_p T_2 + \frac{V_2^2}{2}$$

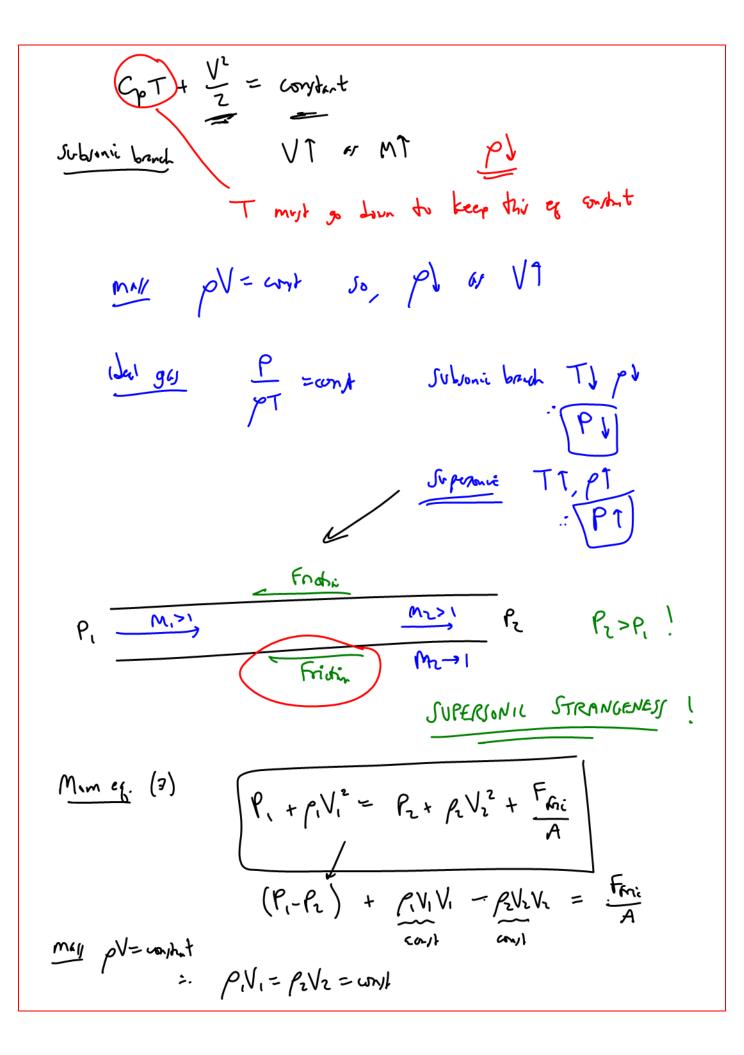
$$Che-D \quad \text{for} \quad (2)$$

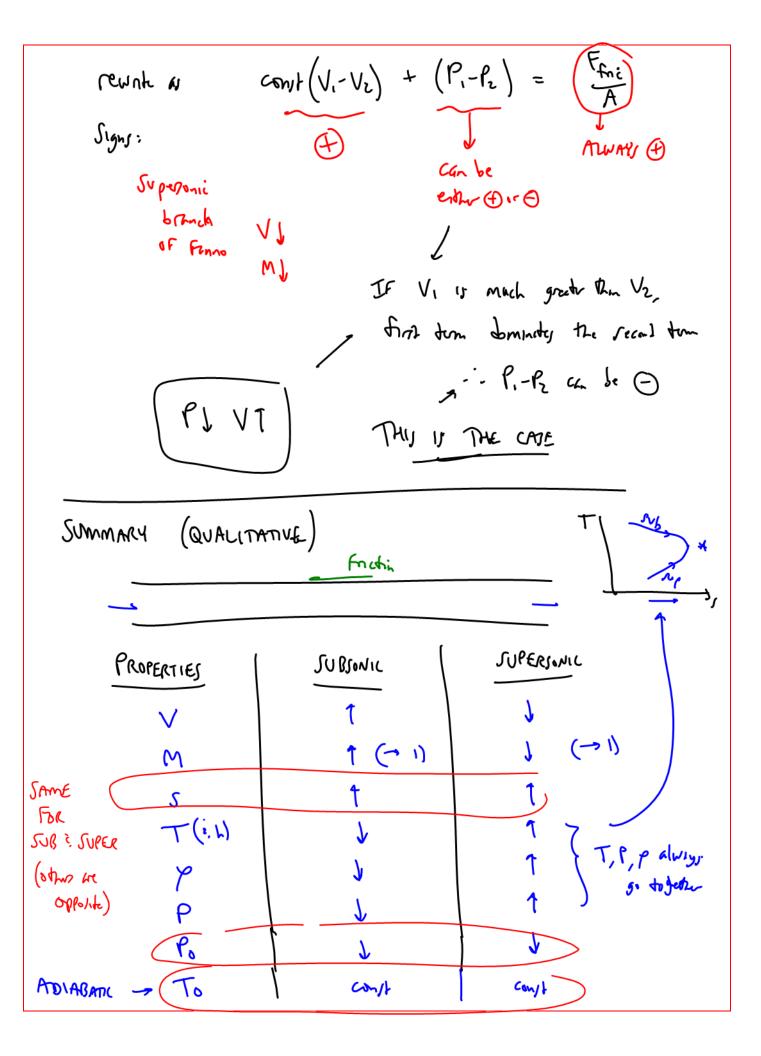
Now we need to look at the **momentum equation**.











COMMENT: VERY SIMILAR	BEHAVIOR FOR ISENTROPIL
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NEXT TIME - FINISH EQUATIONS FOR FANNO	
- SIMILAR COMPARISON OF PROTERTIES	
· Variable are Jad \ · Normal Shock	
RILL C	
	· Resleyt fins · Finn flow
(· Canno Mow	