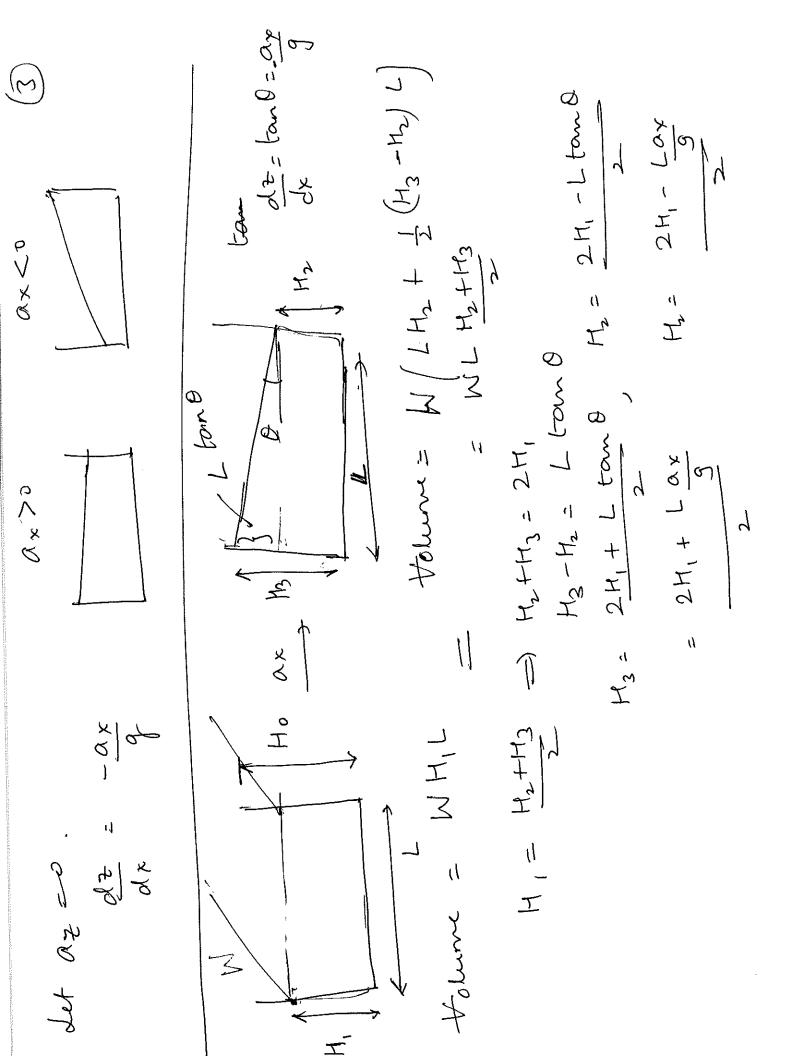


Accelerating Contamiens

Φ ļ とと p@swace = Pa =-p(az+g)

is atmosphere xe/deof the second 30 dx + 3p dz =0 ab = of dx + of de = do Many the open surface 1

Slape of sarface - p (aztg) X V V V として

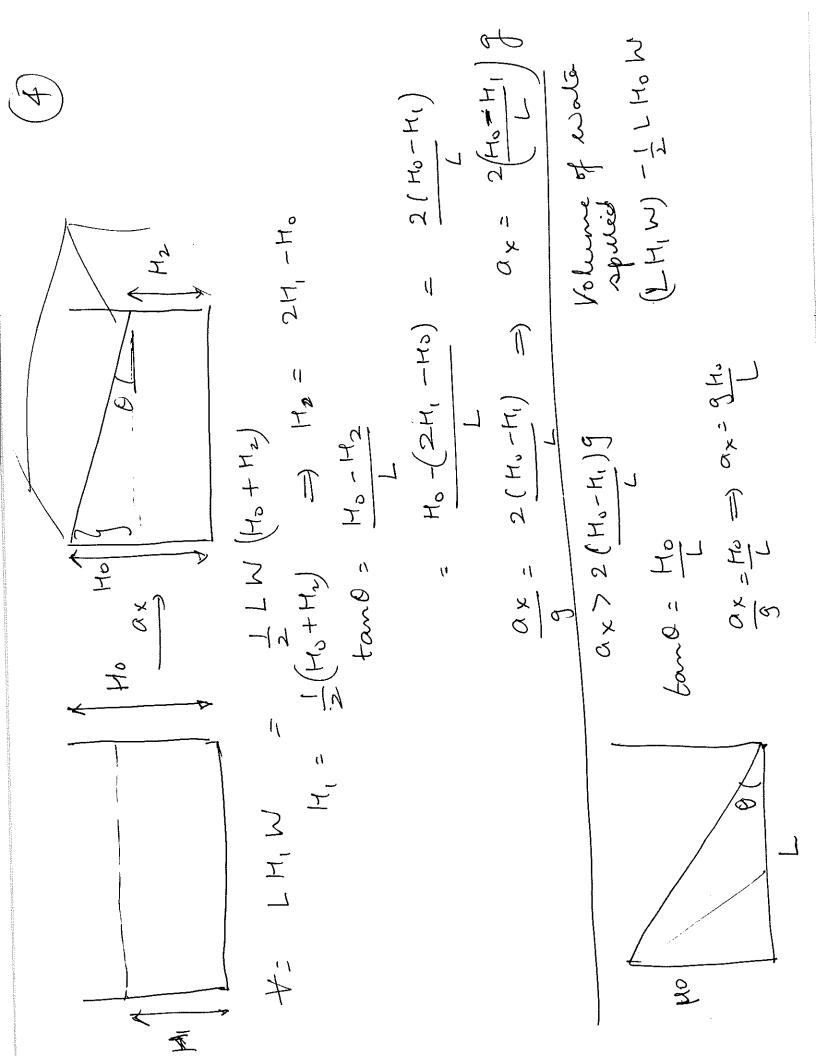


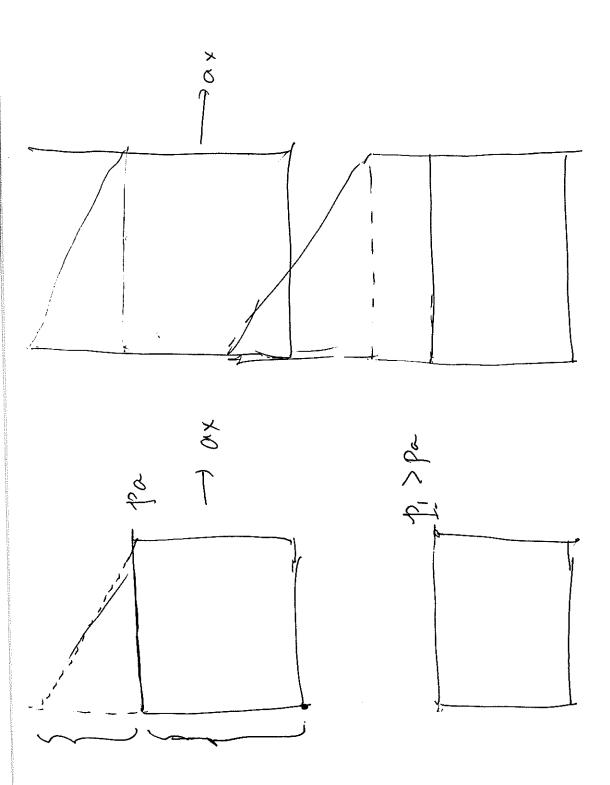
constant Dx, Ap Orh Assometh A = J-paxdx + J-paz+g) dz - Jax 2 - g (az +g) 4 + C 106= (3t dx+ (3t dt) to te +xx te =do

M (2003) (1, H.) P= Pa

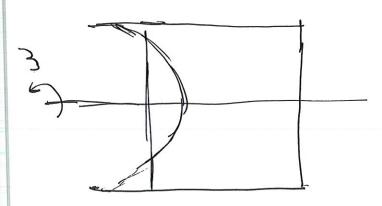
- 50x(2) - g (az+9) H, +C C = Pa + p (az +9) H,

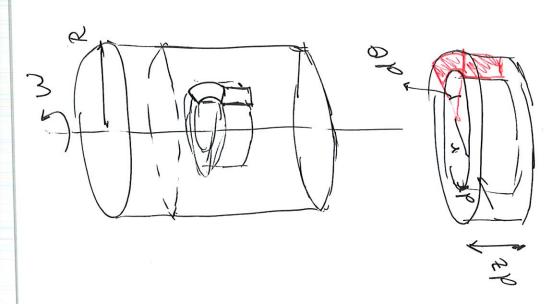
- gaxx - g (aztg) (z-H1) + pa - paxx- party) (t-11,)







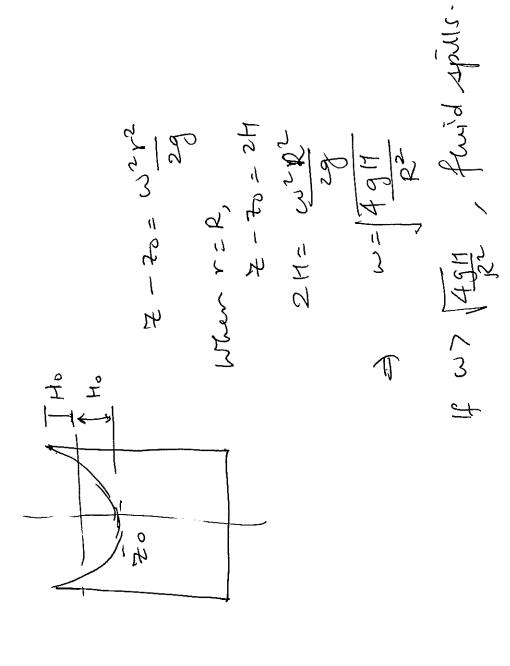


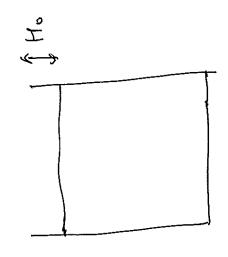


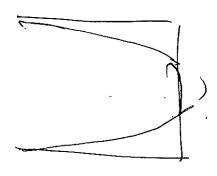
SFB = mag = p(r, s-65, z)drdz - p(r, s+65, z)drdz = p6r6265a (p(r,0,2)-3p 5r) d2 d8-(p(r,0,2)+3p 6r)d2d8=-9 5r5255 wy SFr= mar => p(r-62;0,2) dt ds - p(r+62,0,7)=-p6r3265) w?r Pressure at center of element is  $(x, \theta, z)$ (6+20) of - fe-) = 200 - 80 - 3e-(75-85, 26) 1 - 30 = 500 - 1 A some - top(r-62, 0),2)

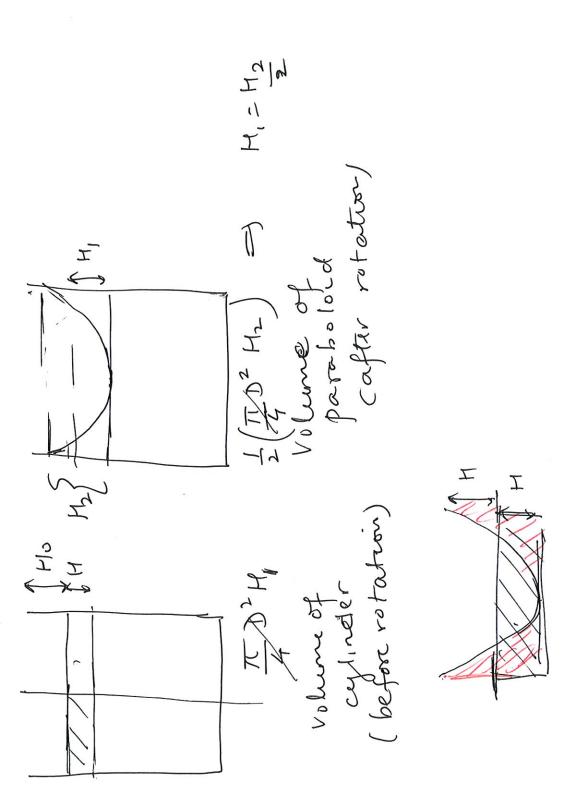
2p 2 # 242 Fly H= July (m 1/2g) 12 TE12 d7 Ŋ 土17 TO THIS ンなれてなって (BK3) TRY - volume of X X

Parabolaid of revolution 26/96 38/32 773 0 = step to to to to of ar = \$ 0 ± - 5° = Char. W= constant es dr top de so これが o bodid to breezentar T M N R









[a] = gallows per munta (gpm)
coubic feet per menute (cfm) Volumetrie flow vate  $\dot{\psi} = Av$ Volumetrice from rate m3/5, leters/5 1 liter = [ m3 (1 m3 = 1000 L) Q=Ar/ [Q] = 3