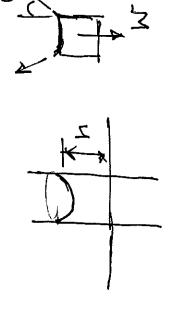
Justea tension



(0) 271 R cool = W

PANG em =

: prRtg

| piA - piA - (0) 2112 cos 0 = 0 (pa A + Ah gg) - pa A = 5-217 Ress 0 ALPB= 52TTRUSB 20000

p. TR2- PATTR2 (0) 27R = p. 17R2-PATR2 1 2 = 20 Ap= 49 AP TR2 Ŋ SF, 20 los cole 0=14BP (5) 2TIR + 5 2TTR. 2Fy = 0 outside Droplet of radius R Bubble

4 M2 Bow Ramid condado - p.Rsvidcon of do do dA = R2 somig agal dA = Rdg Rsmgdo fidA cost - cos 24 | M2 DE 58 A (Son 24 dg dEy = dFcos & 1724 11 dF = p.dA 中二川上中 > Rsmadde Asmy

(-cos 12 - (-cos 0) 2F. p. 2. 1 Fy = 271. pi R² 1 Prink? المحك 1A= IT(R+dR)2-TR2

dA= 2TIRDAR

- Ringalo.

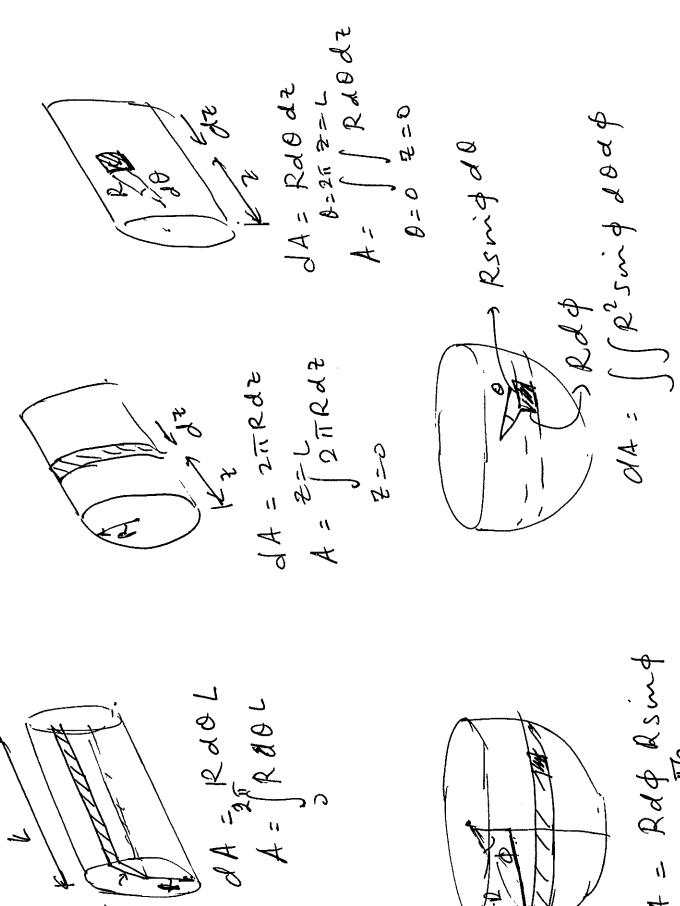
= 7(p2+2RdR+dR2)-11R2

= R(2RaR+dR2) 1f dR<< R, dR2<< 2RdR

dA ~ 2=RAR

* Rag

dA: Rismidabdt.



AA = RAG RSING AL RTZ A= Pysurpag do por

8 males = 62.4 lb/ft3 = down; ty of a fund density of water at same temperature. Sp. gr. of mercury = PHg = 13600 Kglms guater = 1000 (cg 1m3 8 48.64 16/43) = (13.6)(62.4) = (3.6 P H20 D= mass = m Specific gravity SG Sp. gr SI. (P) = kg (m3 Specific weight 3 = pg (cos)Dens My.

1P= 0.01 Pas/ (powe) Viscosity of water = 1 0.01P Pa = [M] mels dynamic viscosity [m]. Pas centro ac) IcP 77 (3) AV ~ A q *''* 1 k is called [2] [- [2] ationan plake 1,2002/V

(2) Momentum framsport For gave, momentum transport dominates Kinemater Viscosity For Erginide molecular attraction domoniatos. (no mechanisms 00000 00000 00000 K TY XX 3 Molecular

Fluido that saturity F= April 1 Newtonian

== halle / yy/6 fluido velocity gradient 'इडि