REVIEW 2-19-2018

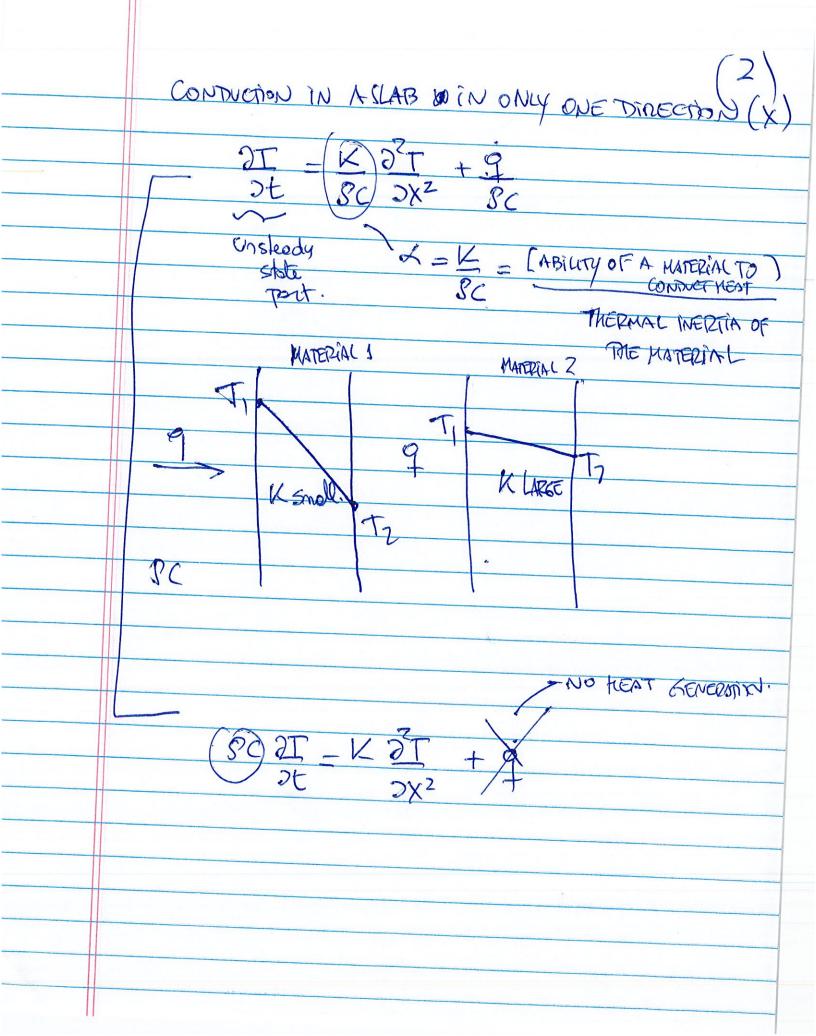
1)

HOMEWOR3

Coction Problem & why a did I divide the flow Per Area if I am given the value of the flux [1 W/M²)

Answer - There is a nistake, I should use the Value of the flux.

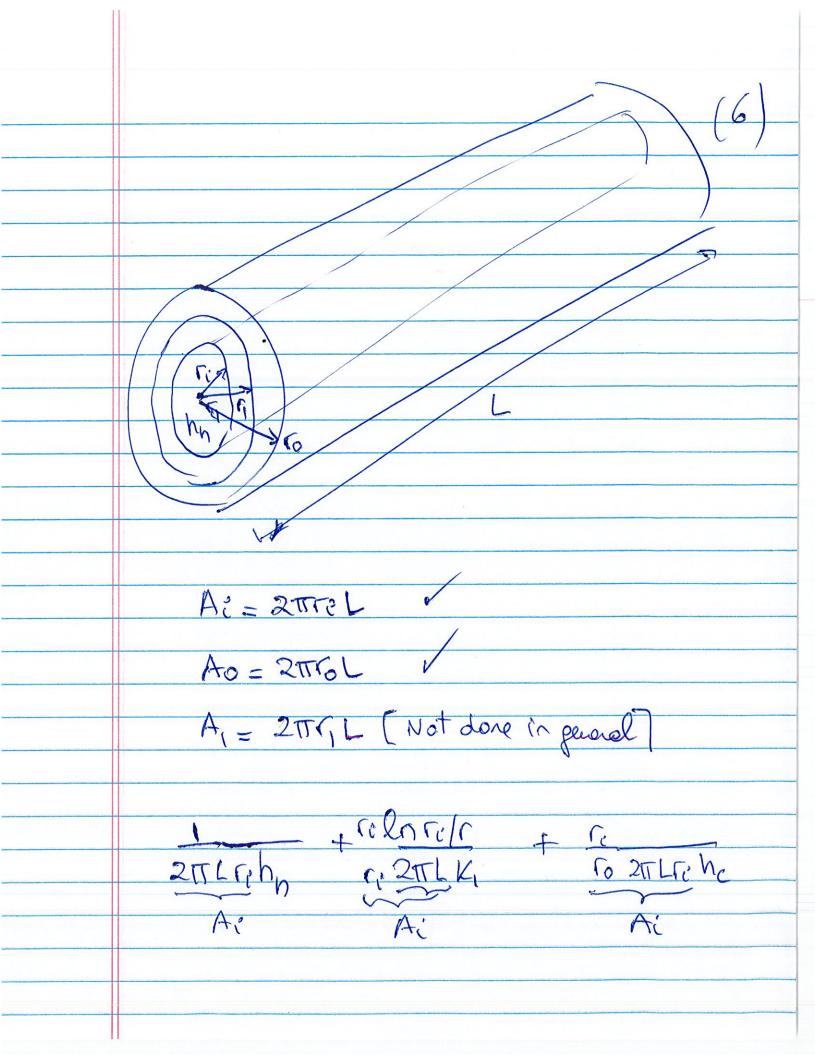
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3 Interpolation of Resistances. COLD Fluis HOT FWID Because Sleady State 9+1 = 91 = 92 = 93 = 9+2 Asamption + Roand 1 + Roand 2 + Roand 3 + Roanyflish Area perpendiculos

Diestion what is v? Answer: Egiss con he writer as 9x = UA [T1-Tf2] (2) Loverall heat franser coefficier. By Company Eq. (1) and Eq. (2) 1 = 1 + L1 + K2 + L3 + 1 V h, K, K2 K3 h2 if we do not know A. 9x = 9x = 0 [Tf1-Tf2] FWX

Egustion to colculate Heat Flow in a cylinder. with the different layers gr=constant because SS cold fluid. hot fleid



Problem 3 in the totorial problems Poblem 5 200°C

$$\frac{62-33}{200-33} = 0.174 = 1 - erf\left[\frac{x}{2}\right] \qquad (e)$$

$$\frac{1.175 = x}{200} = 0.92$$

$$\frac{x}{200} = 1.175 \times 2 \times |0| \times 25e$$

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