

HEAT TRANSFER - CONDUCTION OUZIER LAW - THERMAL CONDUCTIVITY CONVECTION) Q = nA[Ts-Tolaid] - Newton Equation M is not unique, it will depend on the system if Uplud is large -> his large. - By now we will use volues of h. gives _ CATERON We will bear how to Colulate h

RADIATION

(9)

IF AIR IS NOT MOVING WE ARE GOING TO HAVE AN ENERGY THAT IS RADIATION, WE DON'T A MEDIUM TO TRANSFER THE ENERGY

- slefon Bolfzman!

Area of person 2

AS LONG WE HAVE A BODY WITH A TEMPERATURE LARGER THAT OK THE BODY WILL EMITE PRADIATION WITH A POWER OF JT4 My self will emite radiotion with a power 0 5.67×10 W × 37+273) 4 SVN 5,67 x10 W [5600K] M2K 912 = JA(T, 4-T24) $(T_1^2 - T_2^2)(T_1^2 + T_2^2)$ (Ti-Tz)(Ti+Tz) heff. 912 = JA, (T,+12) (T,+12) [T,-T2]

(6)

Tin Kelvins

$$\frac{d^2T}{dx^2} = 0$$



