Redución de Calor ingerme o Undireccional

Steady State

touación General de Transperencia de Calor

Jet + Jet + Jet + de gen = 1 de Je

Jx2 + Jy2 + Jz2 + egen = 1 de Je

Jet + egen = 0 = dT = - ègen x + G

T(x) = - ègen x2+ Qx+ Qx

hi (Ti-To) = -KdT

tora invertir por, el sentido del physo del calor

 $hi(T_s-T_e)=-KdT$ $hi(T_s-T_e)=-K(-egin x)+G$

By Supocition:

Note of the wall, more exactly in

Yes a what happen there?

To is maximux and we can deduce how the

dI = 0

wall is the sure material and K-constant,

To is equal in both sides.

ho ègen x + hoke + hoti - hoto = ègen x + KC1

$$\frac{dT}{dx} = -\frac{e_{gen} x}{k} + 44$$

$$0 = -\frac{e_{gen} x}{k} + \frac{e_{gen} x}{h_{1}} \left(\frac{h_{0}}{h_{1}} + 1\right) + \frac{h_{0}T_{0}}{h_{1}} - \frac{h_{0}T_{0}}{h_{1}}$$

$$\frac{e_{gen}}{t} \left(\frac{L}{2k} - \frac{L}{2} \left(\frac{h_{0}}{h_{1}} + 1\right)\right) = \frac{h_{0}T_{0}}{t - h_{0}} + \frac{h_{0}T_{0}}{h_{1}}$$

$$\frac{e_{gen}}{t} = \frac{h_{0}T_{0}}{t - h_{0}} - \frac{h_{0}T_{0}}{h_{1}} + \frac{h_{0}T_{0}}{h_{1}}$$

$$\frac{e_{gen}}{t} = \frac{h_{0}T_{0}}{t - h_{0}} - \frac{h_{0}T_{0}}{h_{1}} + \frac{h_{0}T_{0}}{h_{1}} + \frac{h_{0}T_{0}}{h_{1}}$$

$$\frac{e_{gen}}{t} = \frac{h_{0}T_{0}}{t - h_{0}} - \frac{h_{0}T_{0}}{h_{1}} + \frac{e_{gen}}{t - h_{0}T_{0}} + \frac{h_{0}T_{0}}{h_{1}} + \frac{h_{0}T_{0}}{h_{1}}$$

$$\frac{L}{2k} - \frac{L}{2} \left(\frac{h_{0}+1}{h_{1}}\right) + \frac{e_{gen}}{t - h_{0}T_{0}} + \frac{h_{0}T_{0}}{h_{1}} + \frac{h_{0}T_{0}}{t - h_{0}T_{0}}$$

$$\frac{L}{2k} - \frac{L}{2} \left(\frac{h_{0}+1}{h_{1}}\right) + \frac{L}{2k} \left(\frac{h_{0}+1}{h_{1}}\right) + \frac{L}{2k} \left(\frac{h_{0}+1}{h_{1}}\right)$$