Escue "Signeri	Evello PEn	INGEGNERUS	Fisica"
04/02/2020			

EQ. Considerità (reque Esperionario)

$$m = \int N_1 S_1 = 160 \text{ M/S}$$
  $N_2 = N_1 \frac{S_1}{S_2} = 6 \text{ m/S}$ 

$$lio = \left(\frac{P_2}{S} - \frac{P_1}{S}\right) + \left(\frac{N_2^2}{2} - \frac{N_1^2}{2}\right) = -1984 \text{ SHy (usanise)}$$

Ciclo TEnmodinamilo

WHON, CAMPO & POR, MESLE

2) CALCOLO EMPAURIA PAGE PART (LIANDER POURE) (CIQUIDO ÎDEALE)

Alio,65 = APG5 -9955 Alineauz,65 = Alio,65 - 1,29 K5

Zion

O - O - NO 1000 PC h6 = h5 + Dhonesie = 193,1 K5 Aluxo, 71 = Alexa, 71 = Alexa, 71 = Alexa, 71 = 17,98 KT Lion

Lion

Lion

Lion

Lion

Lion

Lion

F62,68 Kel

F63,68 Kel Din =  $m \left( \frac{h_2 - h_1}{h_2 - h_1} \right) = \frac{Din}{(h_2 - h_1)} = \frac{293,5}{h}$   $h \left( \frac{p_2}{p_2} \right) = 3494,4 k_1$   $m_1 = m_2 = 293,5 k_2$ Bilancio nicenerame a luseela ( m3+m6=m= (Bilancio MASSA) 7 m3+1116=111+ (5)
m3+1116=111+ (5)
m3+1116=111+ (5)
m3+1116=111+ (5)
m3+1116=111+ (5) m3 h3+(m+-m3) h6 = m+h+ m3 h3+ m7 h6- m3 h6= m7 h7  $m_3 = m_7 \frac{(h_7 - h_6)}{(h_3 - h_6)} = 46,93 \frac{1}{3}$ 

3) CONVERIOUR FORMATA

Re = 
$$\frac{9 \text{ NooH}}{\text{IL}}$$
 =  $\frac{6 \text{ Fermions}}{\text{IL}}$  =  $\frac{9 \text{ Fermions}}{\text{IL}}$  =  $\frac{9 \text{ Fermions}}{\text{IL}}$  =  $\frac{9 \text{ Fermions}}{\text{IL}}$  =  $\frac{9 \text{ GeV}}{\text{IL}}$  =  $\frac{9$ 

STATEMENTA OF TALL'INTERMO DELIO)

( DATENERAD OF TOWARD ALLA)

OPENO SPESSONE A SI GENERA UNIFORMEMENTE POPENZA 9GEN
$$\frac{d^2T}{dx^2} + \frac{\dot{q}}{\kappa} = 0$$

$$\frac{dT}{dx} = -\frac{q}{\kappa} \times + C_1 \Rightarrow T = -\frac{\dot{q}}{2\kappa} \times + C_1 \times + C_2$$

$$\frac{d}{\kappa} \times \frac{\dot{q}}{\kappa} = 0$$

$$\frac{dT}{dx} = 0 \quad \text{(superficie ariabotics)} = C1 = 0$$

$$T(x=LA^{2})=T(x=LA+LB)-\Delta T_{8}-\Delta T_{nes}=78,3°C$$

Profilo of TEUPENSTUM T(X)

TENP. USSiUS

$$\left(\frac{\partial T}{\partial x}\right) : 0 \implies x = 0$$

Tusx = C2 = 98,3°C