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Exercic 4					
Q A :	cholew	c ay	voiter j	ow fe	ire fordu
le	, placon	c 9°	C.	U	V
	$\int_{C} \int_{C} \int_{C$	M	n Lj		
Q ₂ ^A :	chdew	c ap	urto p	u che	mfer le
					mpercine

Jinch
$$T=x$$

$$Q_{2}^{A} = \int SQ \quad \text{ai} \quad SQ = m_{1} C_{e} dT$$

$$=> Q_{2}^{A} = \int_{T_{1}}^{T_{1}} m_{2} C_{e} dT = \left[m_{1} C_{e} T\right]_{T_{1}}^{X}$$

$$=> Q_{2}^{A} = m_{1} C_{e} (x-T_{1})$$

$$Q_{1}^{B} : \text{chediu } c^{2} \text{ apports paw is froid; } m_{2}$$

$$de \quad T_{2} \quad \text{ai} \quad T_{3} = y \quad (\text{inconne})$$

$$Q_{1}^{B} = \int_{T_{2}}^{T_{2}} SQ \quad \text{oi} \quad SQ = m_{2} C_{e} dT$$

$$=> Q_{1}^{B} = \int_{T_{2}}^{T_{2}} m_{2} C_{e} dT = \left[m_{1} Q_{1}^{T} T_{2}^{T} \right]_{T_{2}}^{T_{2}}$$

$$=> Q_{1}^{B} = m_{2} C_{e} (y-T_{e})$$

$$Q_{2}^{B} : \text{chedius reque per } m_{2} \text{ pow is fordis}$$

$$de \quad T_{3} = y \quad \text{ai} \quad T = x.$$

$$Q_{2}^{B} = \int_{T_{2}}^{T_{2}} m_{2} C_{e} dT = \left[m_{2} C_{e} T\right]_{Y_{2}}^{T_{2}}$$

$$=> Q_{2}^{B} = \int_{T_{2}}^{T_{2}} m_{2} C_{e} (x-y)$$

Privel:
$$\int_a^b l \, d\alpha = [l\alpha]_a^b = 2b - l\alpha$$
 $\int_a^b m_a c_l \, dT = [m_a c_l T]_a^b$

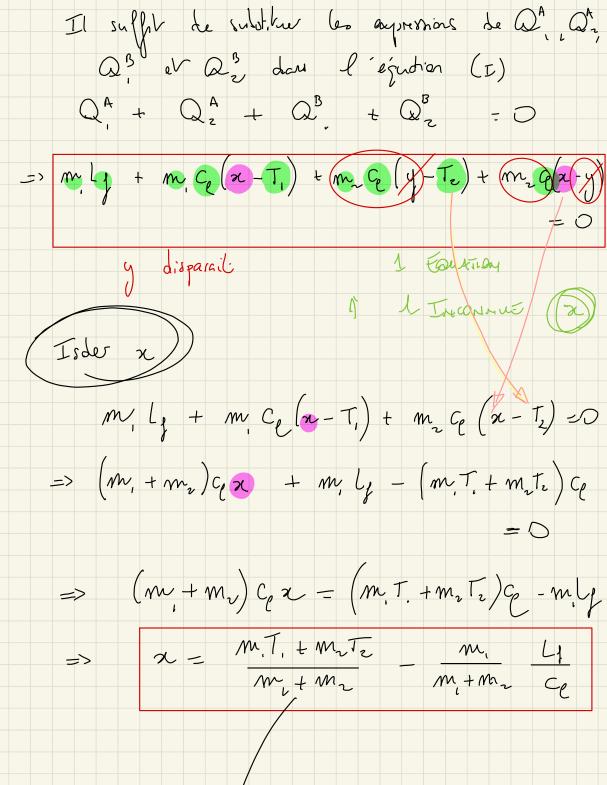
L'einori praise que vous les eideneges est lieu entre A et B:

 $Q^A + Q^B = 0$
 $Q^A = -Q^B$ "Cheleus reque per le gligan est eigen en le chaux l'aire par l'ear chanter"

avec $Q^A = Q^A + Q^A = 0$
 $Q^B = Q^B + Q^A = 0$

Reletion la Chell: $Q^A = 0$

Reletion la Chell: $Q^A = 0$
 $Q^A =$



$$\frac{m}{m}, \frac{1}{m}, \frac{1}{m},$$

