Develop the non-linear system of expections for the Position of the borns.

$$\frac{1}{L_1} + \frac{1}{L_2} + \frac{1}{h} + \frac{1}{h} = 0 \quad (\text{Vector Addition})$$

$$\frac{1}{L_1} = \frac{10}{L_1} = \frac{10}{L_2} = \frac{10}{L_2} = \frac{10}{L_1} = \frac{10}{L_2}$$

$$\frac{1}{h} = h e^{i\pi/2}, \quad \vec{x} = x e^{i\theta}$$
Thoughts, $L_1 e^{i\theta} + L_2 e^{i\theta_2} + h e^{i\pi/2} + x e^{i\theta} = 0$.

$$L_1 \left(\cos\theta_1 + i \sin\theta_1 \right) + L_2 \left(\cos\theta_2 + i \sin\theta_2 \right) + h \left(\cos\frac{\pi}{2} + i \sin^2\left(\frac{\pi}{2} \right) \right) + x \left(\cos\theta_1 + i \sin\theta_2 \right) = 0$$

$$\left(L_1 \left(\cos\theta_1 \right) + L_2 \cos\theta_2 + h \cos\frac{\pi}{2} + x \cos\theta_2 + h \sin\frac{\pi}{2} + x \sin\theta_2 \right) = 0$$

$$\left(L_1 \left(\cos\theta_1 \right) + L_2 \cos\theta_2 + x \right) + i \left(L_1 \sin\theta_1 + L_2 \sin\theta_2 + h \right) = 0$$

$$\left(L_1 \left(\sin\theta_1 \right) + L_2 \sin\theta_2 + x \right) + i \left(L_1 \sin\theta_1 + L_2 \sin\theta_2 + h \right) = 0$$

 $\Rightarrow L_1 \cos\theta_1 + L_2 \cos\theta_2 + x = 0$ $L_1 \sin\theta_1 + L_2 \sin\theta_2 + h = 0$ These form the system of Non-linear equations it is a serious of males is all and and applying The track of the state of the s n - (mai + m) x + ((#) min # m) /