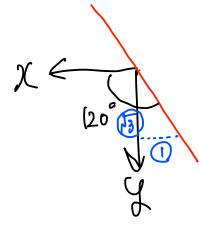
The equation of the plane in which Arm2 exists, as shown at 5:24 in the video is:



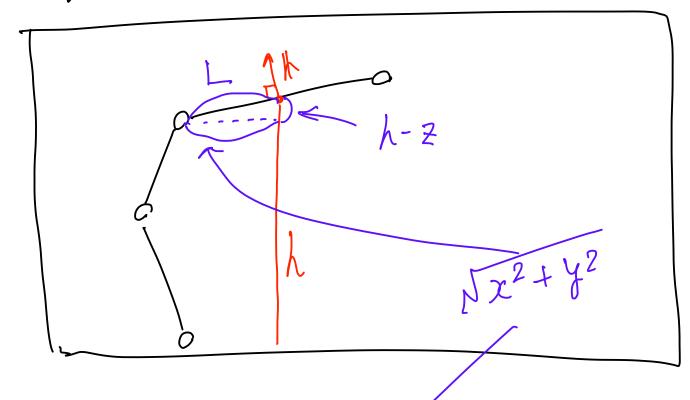
$$y = -13x \cdots 0$$

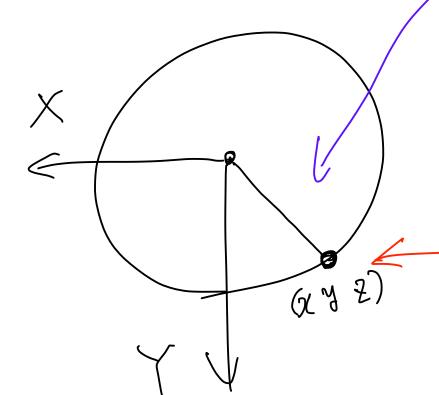
The equation of the plat form is: $\alpha x + \beta y + r(z-h) = 0$ --- 2

From (D) and (2) $(\alpha - 138) x + r(z-h) = 0 - (3)$

Focus ing on the plane where Arm 2 exists:

Arm 2 Plane





$$\frac{1}{2} = \chi^2 + \chi^2 + \left(h - Z\right)^2$$

From (1)

$$L^{2} = 4x^{2} + (h-z)^{2} - ... (4)$$

From (3) and (4)
 $(x - 136)x + x(z-h) = 0$
 $L^{2} = 4x^{2} + (h-z)^{2}$
 $x = 6\frac{1}{2}NL^{2} - (h-z)^{2}$
 $-\frac{y(z-h)}{x-136} = -\frac{1}{2}NL^{2} - (h-z)^{2}$

$$L^{2} - (h-z)^{2} = \frac{4r^{2}(2-h)^{2}}{(d-\sqrt{3}\theta)^{2}}$$

$$\begin{cases} 4 + \lambda^{2} + (\lambda - 150) \\ (\lambda - 150)^{2} \end{cases} (2 - h)^{2} = L^{2}$$

$$\frac{(\lambda - 150)^{2}}{(\lambda - 150)^{2}} (2 - h) = \pm L$$

$$\frac{(\lambda - 150)}{(\lambda - 150)} L$$

$$\frac{(\lambda - 150)}{(\lambda - 150)^{2}} L$$

$$\frac{(\lambda - 150)^{2}}{(\lambda - 150)^{2}} L$$

$$\frac{(\lambda - 150)}{(\lambda - 150)^{2}} L$$

$$\frac{(\lambda - 150)^{2}}{(\lambda - 150)^{2}} L$$

$$\frac{(\lambda - 150)}{(\lambda - 150)^{2}} L$$

$$\frac{(\lambda - 150)^{2}}{(\lambda - 15$$

y= -13 x