$$e = \int = \frac{a}{2} \cos \beta$$

In cógnitas

Conoudos

\<u>₩</u>, (Ţ,

$$\omega_3$$

Variables additionales . 0,
$$p_3 q \Rightarrow solo$$
 varian can el árgulo $0 = (N_4 + m_4 \alpha_{1x}) \frac{1}{3} + m_4 \alpha_{4y} \frac{1}{3} + m_5 \alpha_{3x})(e+4)$
 $p = m_3 \alpha_{3y} (g+h) + (p + W_3 + m_3 \alpha_{3x})(e+4)$
 $q = PRG_3 - I_3 \ll_3 + m_5 \alpha_{3y} + (P + W_3 + m_3 \alpha_{3x}) \frac{1}{3}$

CHE.

$$p (decrea) = (masa silici + masa personal)$$

$$Ly = \frac{-q}{k+n}$$

$$L_X = \left[\frac{1}{e+4}\right] \left[-0 - p - Ly (g+h)\right]$$
 $M_X = -P - L_X - W_3 - m_3 \alpha_{3x}$
 $M_y = -L_y - m_3 \alpha_{3y}$
 $N_x = M_x - W_4 - m_4 \alpha_{4x}$
 $N_y = M_y - m_4 \alpha_{4y}$
 $Q_x = W_2 + m_2 \alpha_{2x} - L_x$
 $Q_y = m_2 \alpha_{2y} - L_y$

$$Mo = L_{x}e + L_{y}g - O_{x}f - O_{y}h$$

$$L = \sqrt{L_{x}^{2} + L_{y}^{2}}$$

$$O_{s} = \sqrt{O_{x}^{2} + O_{y}^{2}}$$

$$N = \sqrt{N_R^2 + N_y^2}$$