Xg > X + 1 sen & 79 = d (05 (6) para la varilla I & = VR sen & - HR los & H= Mx + me d(0 caso H = mi + m & T & 103 & - 6 2 50 A & 7 1 V-mg = m 12[1 (05 0] V-ng = n & S & & sen &] - n & S & & (0)] V-mg=-md[&sen & + & cas &] z Ma = 4x' = u - H lineal zación Si o se tradian : ¿ sen o = o (94 0 = 1 0 6 = 0 Edvallanes 0 I & = Vl6 - HR (3) Honx +m D& 3 V= mg dessejundo: Mx = u-H = u-mx -mlo u = x (M+m) + ml ; 0

0 = Veo - He I & = mego-e (nitme) mlgg= Ö(Itml²)+mlx X = x X3 = 0 X4 = X3 Xy = X3 Xz = X 0 1 0 X2 1 m Xz 0 - 19 0 0 ×3 X₃ 0 0 0 - The Xy (M+m)y X4 0 0 + [0] u $\begin{bmatrix} x \\ \theta \end{bmatrix} = \begin{bmatrix} 0 \\ 0 \end{bmatrix}$ 007 0 0 × z × 3 0 X4