y = - ψ x + 2Ca (cosδ (δ - 4+44) $\ddot{\chi} = \psi \dot{y} + \frac{1}{m} (F - fmg)$ $\dot{\psi} = \frac{2 \operatorname{lf} \operatorname{Ca}}{I_z} \left(s - \frac{\dot{y} + \operatorname{lf} \dot{\psi}}{\dot{x}} \right) = \frac{2 \operatorname{lr} \operatorname{Ca}}{I_z} \left(- \frac{\dot{y} - \operatorname{lr} \dot{\psi}}{\dot{x}} \right)$ ۲. $\frac{y}{-\dot{\psi}\dot{x} + \frac{2\zeta_0}{\dot{M}}\left(\cos\delta\left(\delta - \frac{\dot{y} + \dot{y} + \dot{\psi}}{\dot{x}}\right) - \frac{\dot{y} - \dot{t} + \dot{\psi}}{\dot{x}}\right)}$ Zlrla (- y-lry (8 - y+4y) y=-26 (cos 5 x + x) y + (-x+ 26 (cos of + bx) y + 26 cos of 8 $= -\frac{2(a(\cos \beta + 1))}{m \cdot x} \dot{y} + (-\dot{x} - \frac{2(a(\cos \beta + 1))}{m \cdot x})\dot{\psi} + 2\frac{Ca}{m} \cos \beta \cdot \delta$ -x-≥Ca(cosolftle) 2(a(coss+1) m x 0 214-lr)Ce 2(lf+lr)(a 0

