







 $F_{x} = k(x-x_{0}) = k(l_{1} losq_{1} + l_{2} losq_{2} - x_{0}) \left] - eq. (7)$   $F_{y} = k(\dot{y}-\dot{y}_{0}) = k(l_{1} sinq_{1} + l_{2} sinq_{2} - \dot{y}_{0}) \right]$   $T_{1} affly = (T_{1}) + (T_{1}s)$   $T_{2} affly = (T_{2}) + (T_{1}s)$   $T_{3} affly = (T_{2}) + (T_{1}s)$   $T_{4} affly = (T_{2}) + (T_{1}s)$   $T_{5} affly = (T_{2}) + (T_{1}s)$