

$$\begin{array}{c}
0 \quad M_{1}l_{1}^{2} + M_{2}l_{1}^{2} + J_{1} + J_{2}) \stackrel{?}{O}_{1} + J_{2} \stackrel{?}{O}_{2} + (M_{1}l_{1} + M_{2}l_{1})_{3}Q_{1} = 0 \\
2 \quad J_{2}\stackrel{?}{O}_{1} + J_{2}\stackrel{?}{O}_{2} = T(t) \\
M = M_{1}l_{1}l_{1} + M_{2}l_{1} \\
\stackrel{?}{O}_{2} = (M_{1}l_{1}^{2} + M_{2}l_{1}^{2} + J_{1} + J_{2}) \stackrel{?}{O}_{1} - \frac{M}{J_{2}} = 0, \\
0 \stackrel{?}{O}_{2} = (M_{1}l_{1}^{2} + M_{2}l_{1}^{2} + J_{1} + J_{2}) \left(-\frac{t(t)}{J_{2}} + O_{2} \right) - \frac{M}{J_{2}} = 0, \\
0 \stackrel{?}{O}_{2} = (M_{1}l_{1}^{2} + M_{2}l_{1}^{2} + J_{1} + J_{2}) \left(-\frac{t(t)}{J_{2}} + O_{2} \right) - \frac{M}{J_{2}} = 0, \\
0 \stackrel{?}{O}_{2} + \stackrel{?}{O}_{2} \left(M_{1}l_{1}^{2} + M_{2}l_{1}^{2} + J_{1} + J_{2} \right) = -\frac{t(t)}{J_{2}} \left(M_{1}l_{1}^{2} + M_{2}l_{1}^{2} + J_{1} + J_{2} \right) - \frac{M}{J_{2}} = 0, \\
0 \stackrel{?}{O}_{2} + \stackrel{?}{O}_{2} \left(M_{1}l_{1}^{2} + M_{2}l_{1}^{2} + J_{1} + J_{2} \right) = -\frac{t(t)}{J_{2}} \left(M_{1}l_{1}^{2} + M_{2}l_{1}^{2} + J_{1} + J_{2} \right) - \frac{M}{J_{2}} = 0, \\
0 \stackrel{?}{O}_{2} + \stackrel{?}{O}_{2} \left(M_{1}l_{1}^{2} + M_{2}l_{1}^{2} + J_{1} + J_{2} \right) = -\frac{t(t)}{J_{2}} \left(M_{1}l_{1}^{2} + M_{2}l_{1}^{2} + J_{1} + J_{2} \right) - \frac{M}{J_{2}} = 0, \\
0 \stackrel{?}{O}_{2} + \stackrel{?}{O}_{2} \left(M_{1}l_{1}^{2} + M_{2}l_{1}^{2} + J_{1} + J_{2} \right) = -\frac{t(t)}{J_{2}} \left(M_{1}l_{1}^{2} + M_{2}l_{1}^{2} + M_{2}l_{1}^{2} + J_{1} + J_{2} \right) = -\frac{M}{J_{2}} = 0, \\
0 \stackrel{?}{O}_{2} + \stackrel{?}{O}_{2} \left(M_{1}l_{1}^{2} + M_{2}l_{1}^{2} + J_{1} + J_{2} \right) = -\frac{t(t)}{J_{2}} \left(M_{1}l_{1}^{2} + M_{2}l_{1}^{2} + J_{1} + J_{2} \right) = -\frac{M}{J_{2}} = 0, \\
0 \stackrel{?}{O}_{2} + \stackrel{?}{O}_{2} \left(M_{1}l_{1}^{2} + M_{2}l_{2}^{2} + J_{1} + J_{2} \right) = -\frac{t(t)}{J_{2}} \left(M_{1}l_{1}^{2} + M_{2}l_{1}^{2} + M_{2}l_{1}^{2} + J_{1} + J_{2} \right) = -\frac{t(t)}{J_{2}} \left(M_{1}l_{1}^{2} + M_{2}l_{1}^{2} + M_{2}l_{1}^{2} + J_{1} + J_{2} \right) = -\frac{t(t)}{J_{2}} \left(M_{1}l_{1}^{2} + M_{2}l_{1}^{2} + M_{2}l_{1}^{2} + M_{2}l_{1}^{2} + J_{1} + J_{2} \right) = -\frac{t(t)}{J_{2}} \left(M_{1}l_{1}^{2} + M_{2}l_{1}^{2} + M_{2}l_{1}^{2} + M_{2}l_{1}^{2} + J_{1} + J_{2} \right) = -\frac{t(t)}{J_{2}} \left(M_{1}l_{1}^{2} + M_{2}l_{1}^{2} + M_{2}l_{1}^{2} + M_{2}l_{1}^{2} + M_{2}l_{1}^{2} + M_{2}l_{1}^{2} + M_{2}l$$