Part 1 Forward Model li= 0.1 9 1 = 0.11 $n = l_0 \cos(o_0) + l_1 \cos(o_0 + o_1)$ y = $l_0 \sin(o_0) + l_1 \sin(o_0 + o_1)$ y = $l_0 \sin(o_0) + l_1 \sin(o_0 + o_1)$ paration B) Jacobian Formula $\frac{30}{2=99(0)}$ $= \frac{-l_0 \sin(0_0) - l_1 \sin(0_0 + 0_1)}{l_0 \cos(0_0) + l_1 \cos(0_0 + 0_1)}$ = $l_0 \cos(0_0) + l_1 \cos(0_0 + 0_1)$ J (0)