Equations for possible use.

$\frac{\partial x^*}{\partial p_x} = \frac{\partial x^c}{\partial p_x} - \frac{\partial x^*}{\partial I} x^c$

$MR = P(1 + \frac{1}{e_{q,P}})$

$\frac{dlnx}{dx} = \frac{1}{x}$

$\frac{d(ax^b)}{dx} = bax^{b-1}$

$E(U(x)) = \pi_1 U(w_1) + \pi_2 U(w_2)$

$TaxRevanue = t * x^*(p_x - t, p_y, I)$

$\frac{-dK}{dL}|_{q_0} = \frac{MP_L}{MP_K}$

$\frac{\partial e(p_x,p_y,I)}{\partial p_x} = x^c(p_x, p_y, I)$

$x^*(p_x, p_y, I) = -\frac{\frac{\partial V(p_x,p_y,I)}{\partial p_x}}{\frac{\partial V(p_x,p_y,I)}{\partial I}}$

$\frac{\partial C(q,w,v)}{\partial v} = k^c(q, w, v)$

$-\frac{\partial \pi(q,w,v)}{\partial w} = l^*(P, w, v)$

$-\frac{\partial \pi(q,w,v)}{\partial v} = k^*(P, w, v)$

$\frac{\partial \pi(q,w,v)}{\partial P} = q(P, w, v)$

$Q = nq$

$E[x] = \sum_{i=1}^{n} \pi_i x_i$

$\sigma = \frac{\%\Delta(k/l)}{\%\Delta RTS} = \frac{d(k/l)}{dRTS} * \frac{RTS}{k/l}$