$$U_i = u_i y \; - \; (\bar{u} - u_i)\, \tilde{w}_i$$

$$\dot{u}_i = y - \gamma_i$$

$$0 \leq u_i \leq \mu$$

$$\tilde{w}_i = \frac{w}{pqK}, q \to q'(E), w \to w'(E), p \to p'(E)$$

$$\bar{u}_i = \frac{\bar{e}q}{r}, q \to q'(E), r \to r'(E), \bar{e} \to \bar{e}'(E)$$