Household

Derivative wit It

$$\frac{\partial L}{\partial I} = -\lambda_{E} + \mu_{E} = 0$$

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Derivative wit Ke:

$$\frac{\partial L}{\partial I} = -\mu_{E} + E_{E} \beta (\lambda_{E}, R_{E}, R_{E}, I_{E}, I_{E},$$

$$L = Y_{e} - W_{t}L_{t} - R_{t}K_{t-1}$$

$$+ MC_{t}(A_{t} \cdot K_{t-1}L_{t})$$

$$\frac{\partial L}{\partial Y_{e}} = 1 - MC_{t} = 0$$

$$\frac{\partial L}{\partial Y_{e}} = -W_{t} + M(t \cdot A_{t} \cdot K_{t}) \cdot L_{t} \cdot (1-\alpha) = 0$$

$$\frac{\partial L}{\partial L_{t}} = -W_{t} + M(t \cdot A_{t} \cdot K_{t}) \cdot L_{t} \cdot (1-\alpha) = 0$$

$$= MC_{t}(1-\alpha) \cdot A_{t}K_{t} \cdot L_{t} \cdot L_{t} \cdot L_{t}$$

$$\frac{\partial L}{\partial K_{t-1}} = -R_{t} + M(t \cdot A_{t} \cdot K_{t}) \cdot \alpha \cdot L_{t} = 0$$

$$\frac{\partial L}{\partial K_{t-1}} = -R_{t} + M(t \cdot A_{t} \cdot K_{t}) \cdot \alpha \cdot L_{t} \cdot R_{t}$$

$$= MC_{t} \cdot \alpha \cdot X_{t} \cdot L_{t} \cdot R_{t}$$

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