$$mox \qquad (\theta c^{\nu} + (1-\theta)(d^{\nu}))$$

$$st \qquad c+pd = Y$$

$$L(c,dx) = \theta c^{\nu} + (1-\theta)d^{\nu} + \lambda(Y-c-pd)$$

$$\frac{\partial}{\partial c} = 0; \quad \theta v c^{\nu-1} + \lambda(-1) = 0 \quad 0$$

$$\frac{\partial}{\partial c} = 0; \quad c+pd = Y \qquad 3$$

$$0 \text{ in } 0; \quad c+pd = Y \qquad 3$$

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$$c+pd = Y \qquad 4$$

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