Typonsbogemberenau opyriegue Kobba - Dymaca: Q=Y=AK^2L^1-2

Pr-cmabka y/n

Рх-пориа процента на использувший капитан

PL=29 PL=7,5 TC=350 G=2 X=0,4

1) The inflection beneviewe odinic ingeprien TC onpegentino odoen parmopol R u L, oбеспечивающие максимамьный выпуск продукции, и соотbemembyrousui od seu burnyana.

Mainu EK*, L* 3 e argmax F(K,L), EK,L: pkK+pLL=13

[K*, L*]: F(K*, L*) > F(K, L) gua YK, L: pxK+pL=I onuculaem venomeculo gongonnum KuL

Mora [k*, L*] - mora racarus nperioù pxK+p,L=I u agroù vy vyorbaren J.A. n.e. ognoù uz cemeiconta upuberx, ygobuentoperouzux coonsisueremo F(K,L)=Fo, YFo 70

L=φ(K, Fo)-monbanna ypobine Fo

$$\frac{\partial F}{\partial K} = \frac{p_{k}}{p_{k}}$$

$$\frac{\partial F}{\partial L} | K^{*}, L^{*}$$

$$p_{k} K + p_{k} L = I$$

$$\frac{\frac{2F}{2K}}{\frac{2F}{2L}} = \frac{0.16}{0.24 \cdot \left(\frac{K^*}{L^*}\right)^{0.14}} = \frac{2}{3} \cdot \frac{L^*}{K^*}$$

$$\begin{bmatrix} \frac{2}{3} & \frac{L^*}{K^*} = \frac{4.5}{29} \\ \frac{2}{3} & \frac{L^*}{K^*} = \frac{4.5}{29} \\ \frac{2}{3} & \frac{L^*}{K^*} = \frac{4.5}{29} \end{bmatrix}$$

[58L*=12.5K*
$$3.5K^*+29L^*=350$$
[58L*=225K*
 $3.5K^*+29.235 \times 8=350$
[L+=22.5K*
 $3.5K^*+29.235 \times 8=350$
[L+=22.5K*
 $3.5K^*+29.235 \times 8=350$
[L+=22.5K*
[18,75K*=350]
[K*=18.\frac{3}{3}=18.667]
[L*=\frac{7}{25}=1,241]
[F(K*,L*)=0,4. \(18\frac{3}{3}\) \(18\frac{7}{25}\) \(18\frac{7}{25}

3) Haimu cpegntoto nponfoquine unocuo nipyga, cpegnioto opongoongary, cpegnioto opongoongary, npegeubnyo nponfoquine ubnocui nipyga li npegeubnyo opongoongary. $y = \frac{Y}{L} = \frac{4.23}{1.24} = 0.58$ - cpegnia npourfoquine ubnocui nipyga $\pm \frac{Y}{K} = \frac{4.23}{18.67} = 0.23$ - cpegnia opongoongara $k = \frac{K}{L} = \frac{18.61}{4.24} = 2.58$ - cpegnia opongoongara $m = \frac{18.61}{4.24} = 2.58$ - cpegnia opongoboopynesiuociu $m = \frac{18.61}{1.24} = 2.58$ - cpegnia opongoboopynesiuociu

= $0.24 \cdot 3.224 \cdot 0.453 = 0.35$ - npegeneraa nponsbogumenshooms mpyga $r = \frac{\partial F(K,L)}{\partial K} = \frac{\partial (A \cdot K^2 \cdot L^{1-\alpha})}{\partial K} = A \cdot \lambda \cdot K^{\alpha-1} \cdot L^{1-\alpha} = 0.16 \cdot K^{-0.6} \cdot L^{0.6} =$

=0,16.3,28.0,173=0,09 - npegenbran porgoongara

