RACIONALES ONTINUIDAD MAX M(X) (X) S.e. PX≤W V TROY LEY WALRAS N WEC. W e (nEC. CONCAVA

TEO) > CONTINUATRACIONALES, L.NS. => PX(P,W)=W

POR CONTRADICCION:

PX.W P.Z TY>X P.Z = W

HOMOGENEIDAD YEIR: film->IR

FS HOMOGENEA GRADO R

(=) f(x2)= Y f(2) & CIR++

CODL-DOUGLAS:

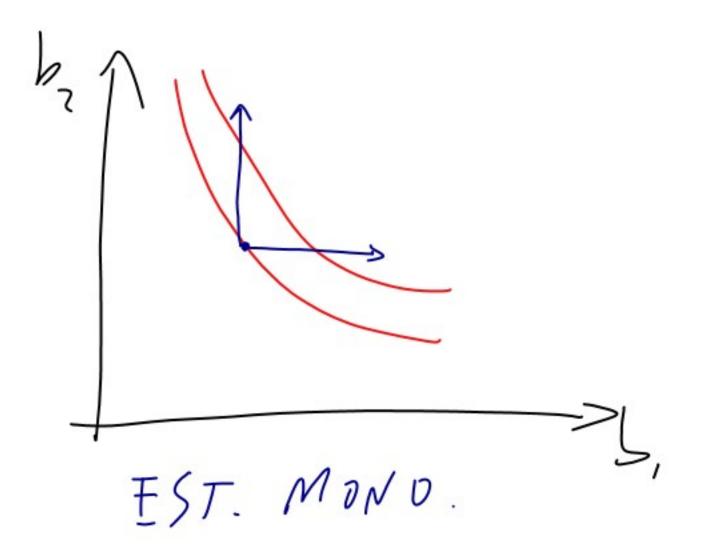
M(X) xx xx xx = T(x) = T(x) R. S. S.

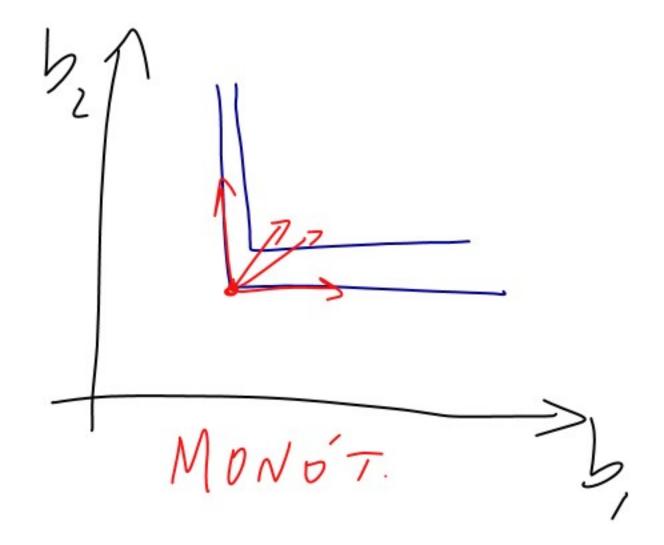
$$\frac{\mathcal{M}(AX_{1},AX_{2},...A)(AX_{1})}{\mathcal{M}(AX_{1})} = \frac{1}{|AX_{1}|^{2}} \qquad \qquad S_{i} > 0$$

$$\frac{(1)}{|AX_{1}|} \leq S_{i} = 1$$

$$\frac{1}{|AX_{1}|} \leq S_{i} = 1$$

$$\frac{1$$





 $X \ge Y$, $X \ne Y < \Longrightarrow \forall i = 1, 2, ... N$ $X_i \ge M_i$ RACIONALES

J. X. >M.

SON MONOTONAS = X>>Y => X >Y

SON ESTRICTAMENTE MOND'TONAS (=) X>Y

-> X>Y

P.D. C(P,M) COONCAVACIENCE e(1) + (1-4) P, M) -> a e(p, u)+(1-4)e(p, u)/ $\alpha e(\tilde{r}, \pi) + (1-\alpha) e(\tilde{r}, \pi) \leq e(\alpha \tilde{r} + (1-\alpha) \tilde{r}, \pi)$

$$\begin{aligned}
& \left[h(\hat{\rho}, \bar{\omega})\hat{P}\right] + (1-\alpha)\left[h(\bar{\rho}, \bar{u})\bar{P}\right) \\
& \leq h\left(\alpha\hat{\rho} + (1-\alpha)\bar{\rho}, \bar{n}\right)\left(\alpha\hat{\ell} + (1-\alpha)\bar{\rho}\right) = \alpha h\left(\alpha\hat{\ell} + (1-\alpha)\bar{\rho}, \bar{n}\right)\hat{\ell} \\
& P.O. h(\hat{\rho}, \bar{u})\hat{P} \leq h(\alpha\hat{\rho} + (1-\alpha)\bar{\rho}, \bar{u})\hat{P} \\
& P.O. h(\bar{\rho}, \bar{u})\hat{\ell} \leq h(\alpha\hat{\rho} + (1-\alpha)\bar{\rho}, \bar{u})\hat{P} \\
& P.O. h(\bar{\rho}, \bar{u})\hat{\ell} \leq h(\alpha\hat{\rho} + (1-\alpha)\bar{\rho}, \bar{u})\hat{P} \\
\end{aligned}$$

¿LOCALMENTE NO SACIADAS:

