Chapter 7
growth in per capita income in Canada: 2%
real per capita income + investment rate (possibly)
- population growth rate
Malehusian model: tech advance will only increase population, with no
long-run charge in the standard of living
Y= = F(L,N) output is produced from land and labour input
in equilibrium consumption equals output produced $C=Y=zF(L,N)$.
2741). If 2 increase in this model, per-worker
production Function shift up In a long run, the population increase so the point
, run, the population increase to the point
that per capital consumption Falls so initial
level, so there's no change for living standard
in a long nin.

Solon model: population assumed to grow at a constant race n
N'= U+n) N
consumers are assumed to save a constant faction
C= U-s) Y
constant vernon to scale ====================================
June Capital equals after-depreciation capital plus invest
k' = U - d + I
slope is the marginal product of ampital
Since income equals to expendence, Y=C+I
K'=ST+(1-d)K saving from output plus remaining
Hen, substitude for output: K'= SZF(K,N)+ (I-d)K
per-worker from: K'=[527(K)+U-d)K]/(Hn)
an increase in saving rate shift the curve szif(k) up,
/wdsk* resulting in higher capital per worker
K45° i AB is the consumption per worker
L= (1-5) 27(k)
an increase in labor force gran race would lead to decrease in
Steade-stree capital per norker
increase in tech increase capital per norter

The Lorenz curve: The smaller area A is, a better equality it is
and it indicates a smaller gini welficient.
Cobb-Donglas production Function: Y= z KaN1-a
solon residual = 2: Kanlar