

Agg. VA exported < Agg VA imports  
 (inputs to production + consumption)

- consistent shortage of cash  
 (cash inflows) - or persistent  
 debt.

\* cash shortage -

- trade → barter  
 new entrepreneurial activity  
 company store precludes  
 second store

- time - capital market difficult to  
 set up.

- colonial - - implies different
- center-periphery Zardicki
  - manufacturing center  
(Pittsburg) - resource supply  
West Virginia / Kentucky

# Why not growth & development? Eller

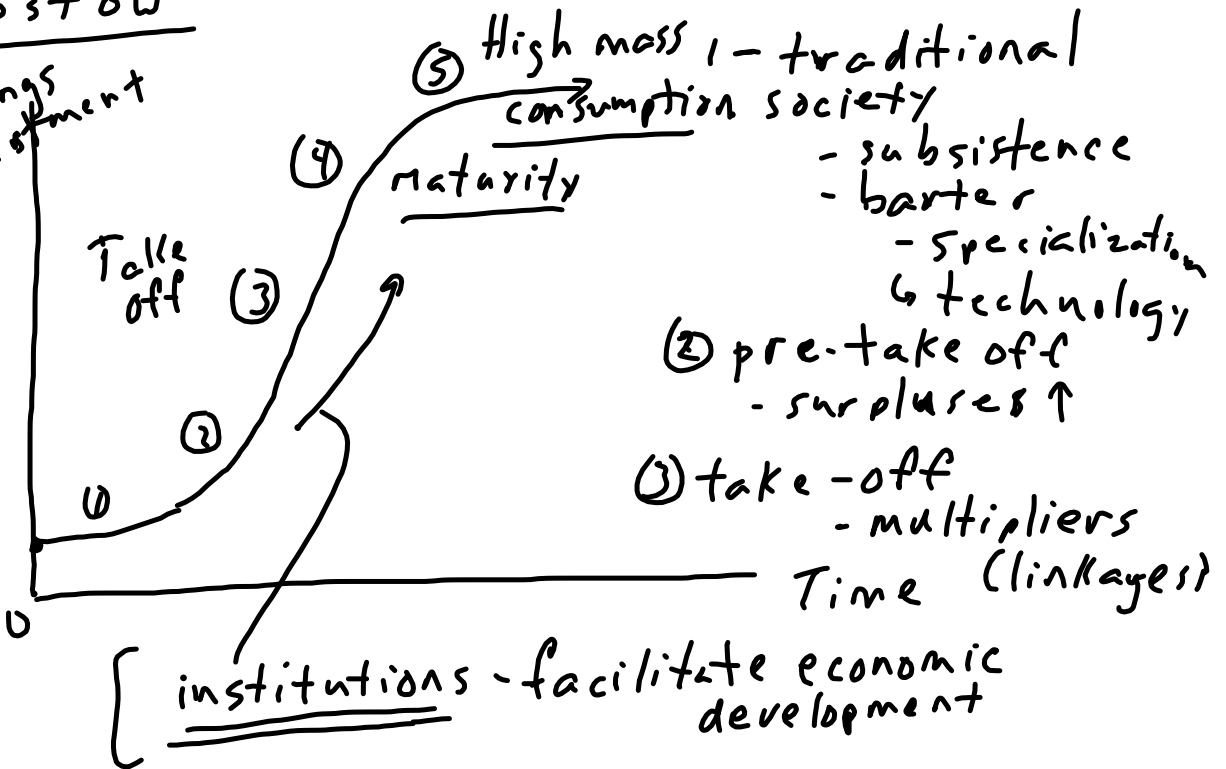
W.W.

Rostow

income

value added

Savings  
Investment



- institutions

- capital access
- property rights incomplete
- contracts incomplete.

- begin

- late 1700s - European settlers

Scots - Irish

German

- subsistence ag - holdings?

5-10 acre homestead  
house / outbuilding  
fields

not clear  
title

50-75 acres pasture

- food household

- livestock

- surplus? - trade

- land yields high - accumulating acreage -

> Shenandoah Valley  
- Cone Estate

- decline - population ↑

- cropping (corn) destructive to

TRA  
fertilizer  
plants

- insufficient <sup>soil</sup> land to fallow  
no cash - fertilizer

- erosion - marginal lands  
farmed

time  
early  
1800s

- less game  
- less grazing -

1800s - early

- ag incomes/pop.

- value of land - derived from value of output

- timber leases - work in forestry

- external acquisition of property rights

- extraction - selective cutting by product - cutting non-market trees

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- timber rights separated from  
surface rights  
surface rights - tax base  
timber " do not until  
harvest