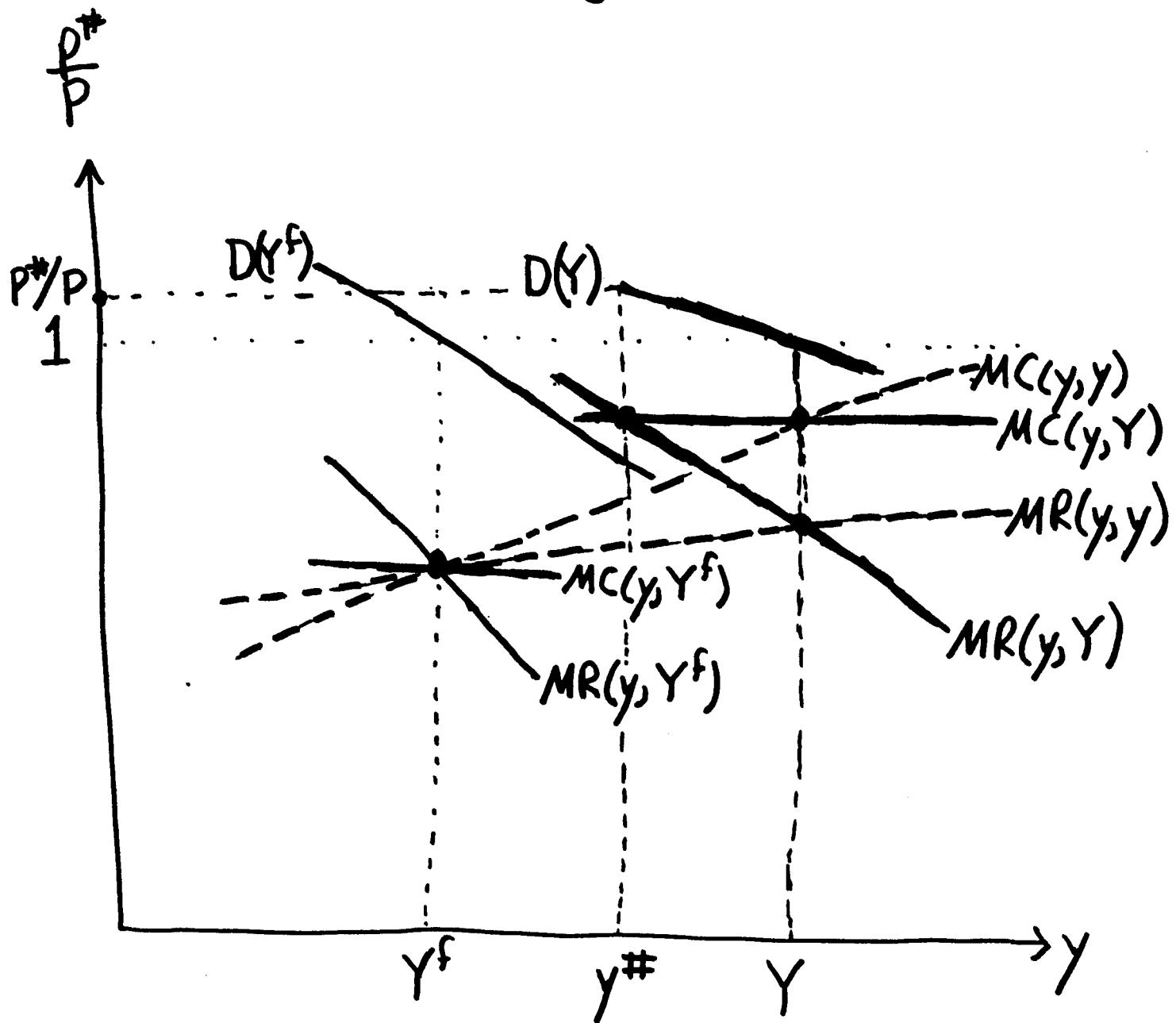


# Real Rigidity



# RAMSEY

$$\lambda = u'(c)$$

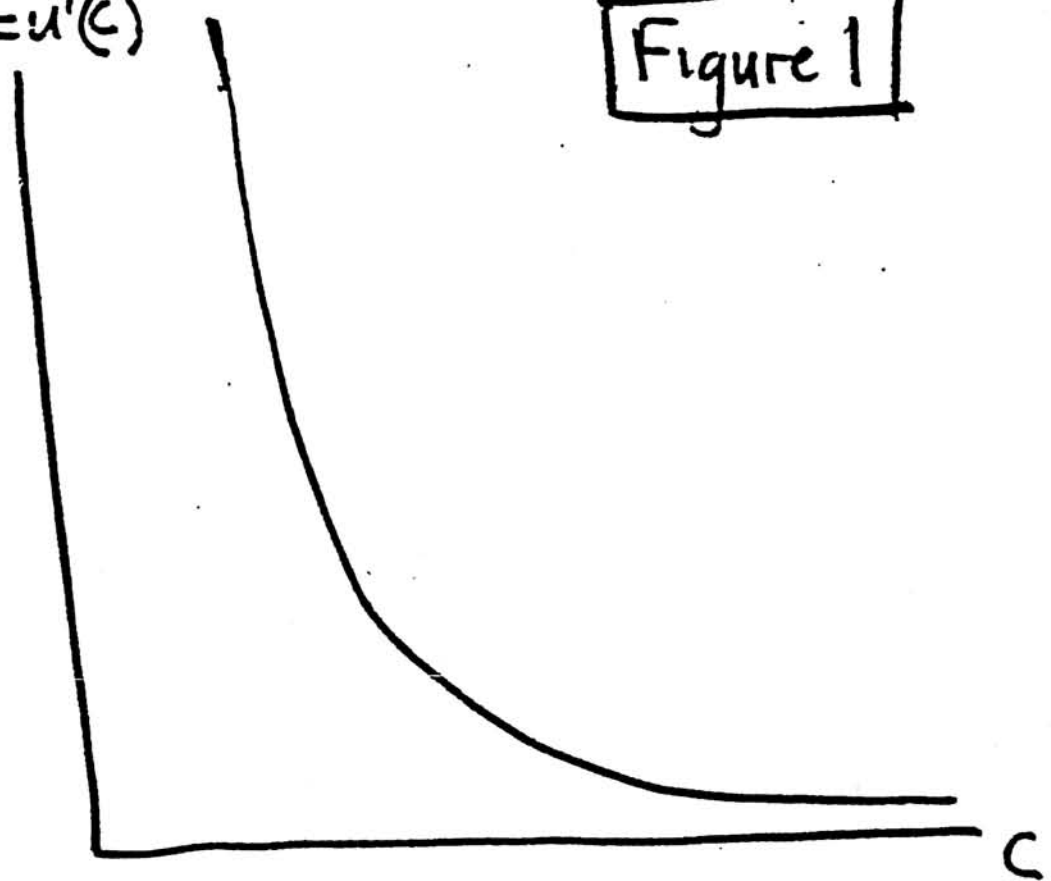


Figure 1

$$c = u'^{-1}(\lambda)$$

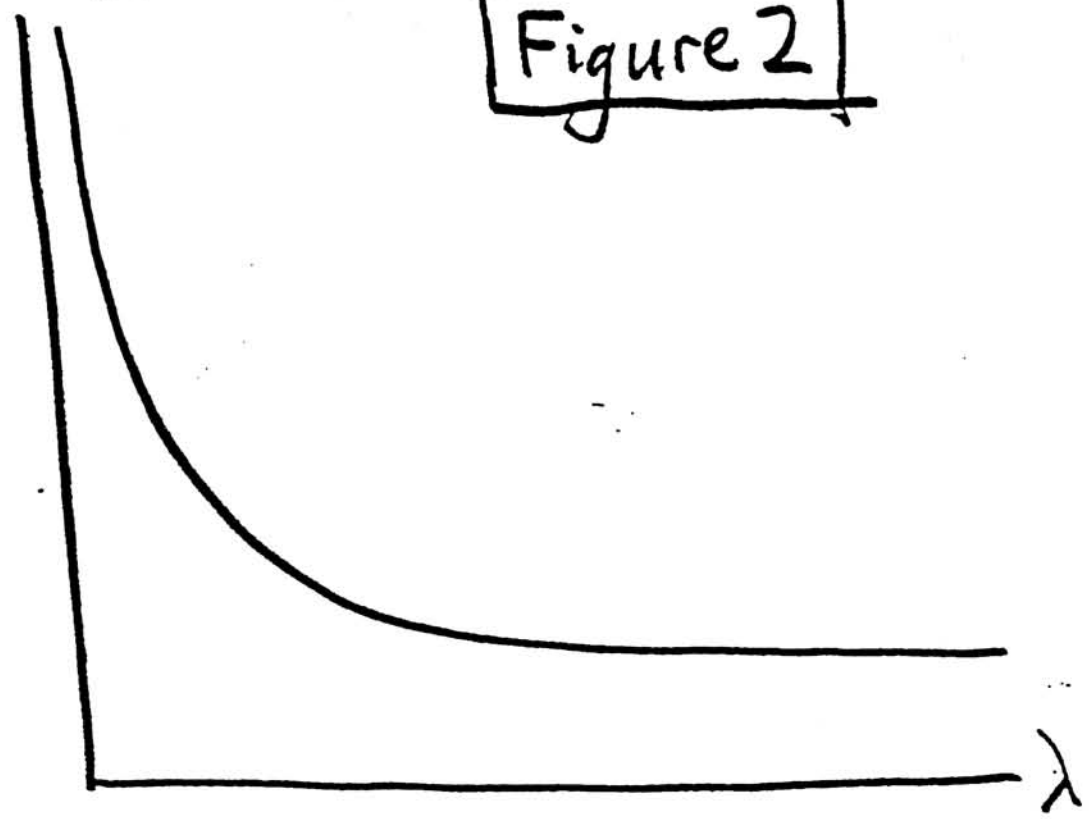
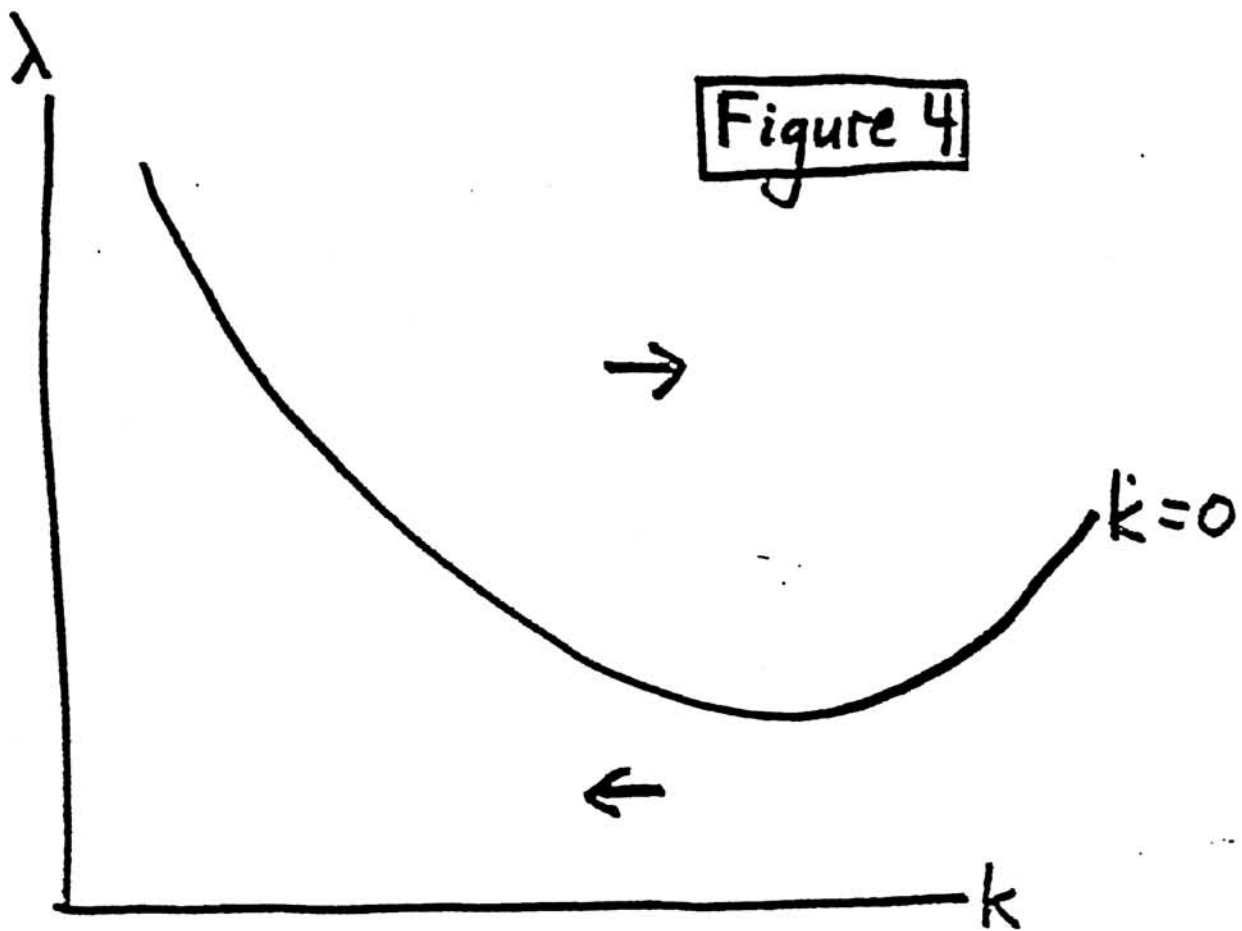
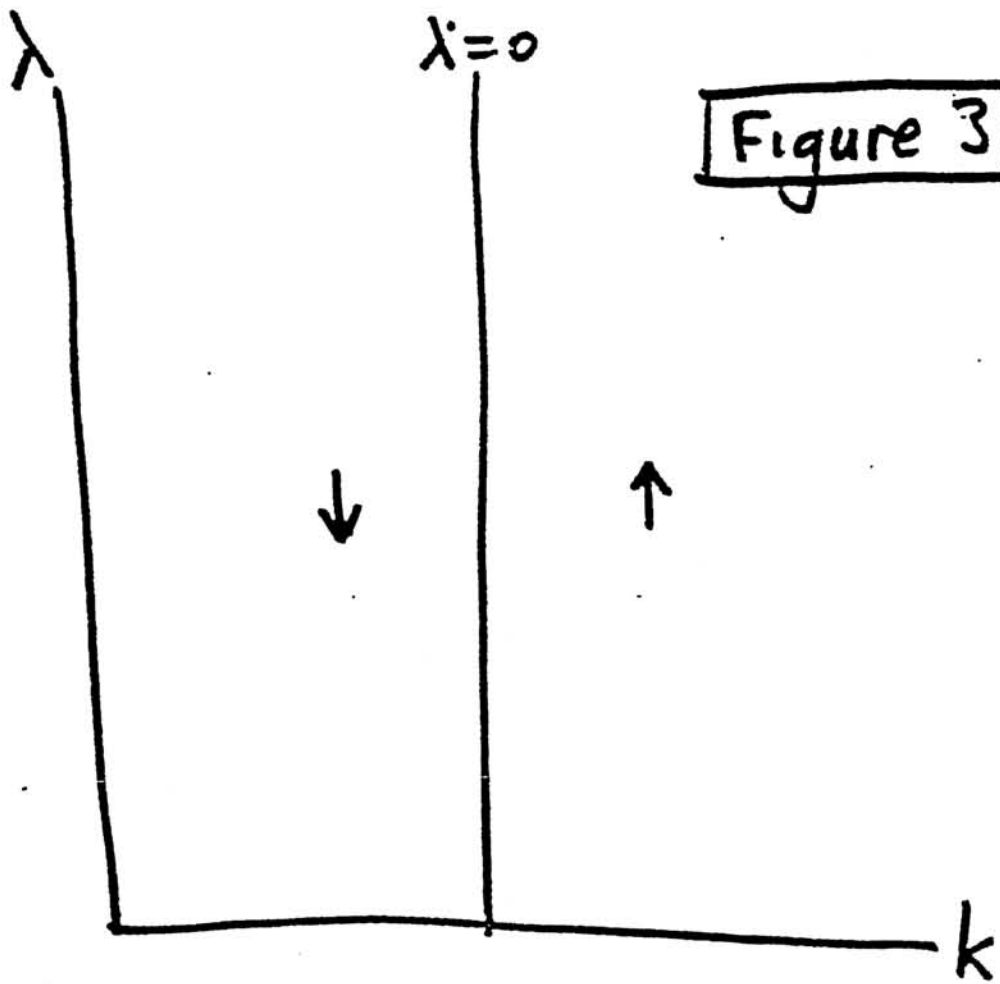
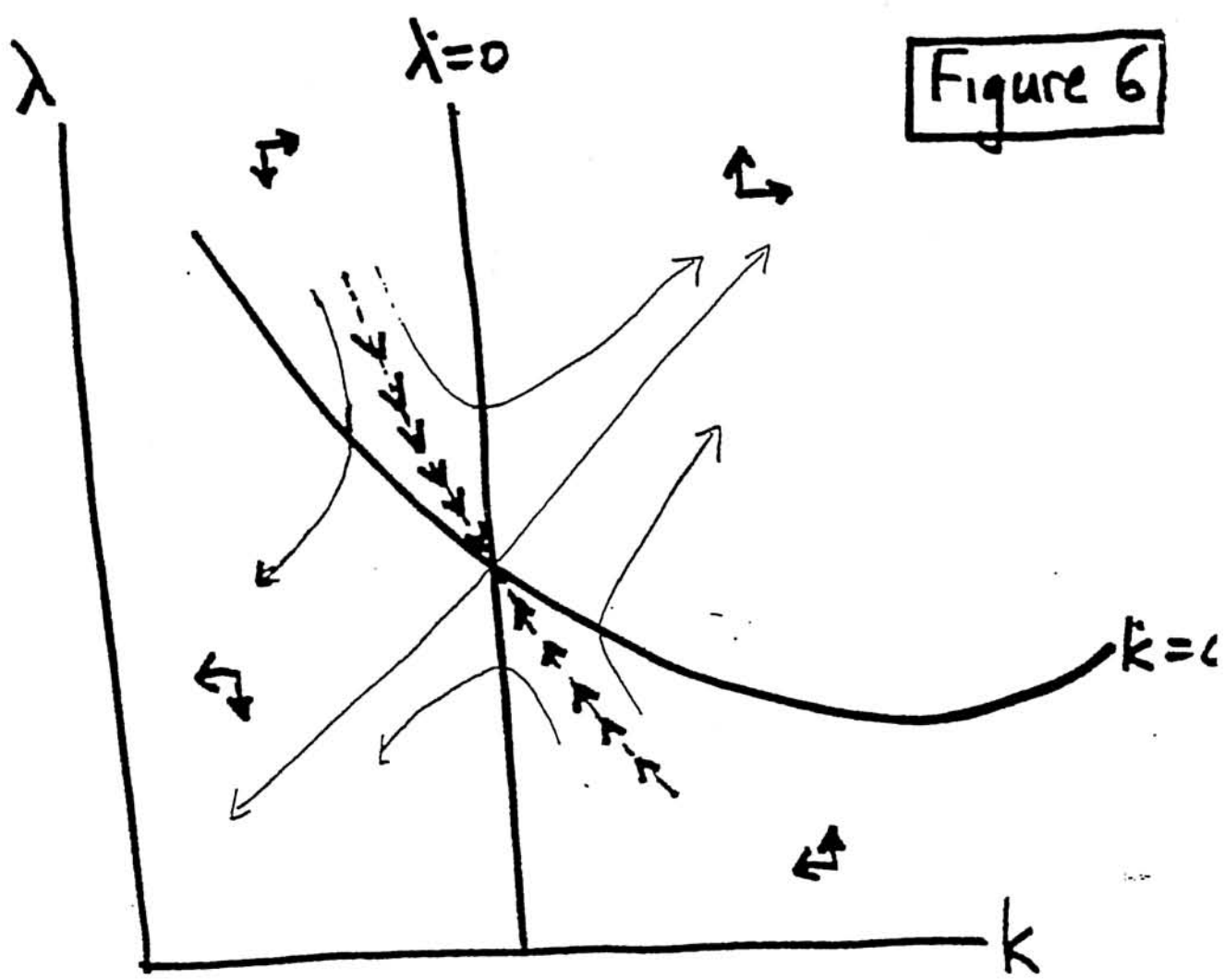
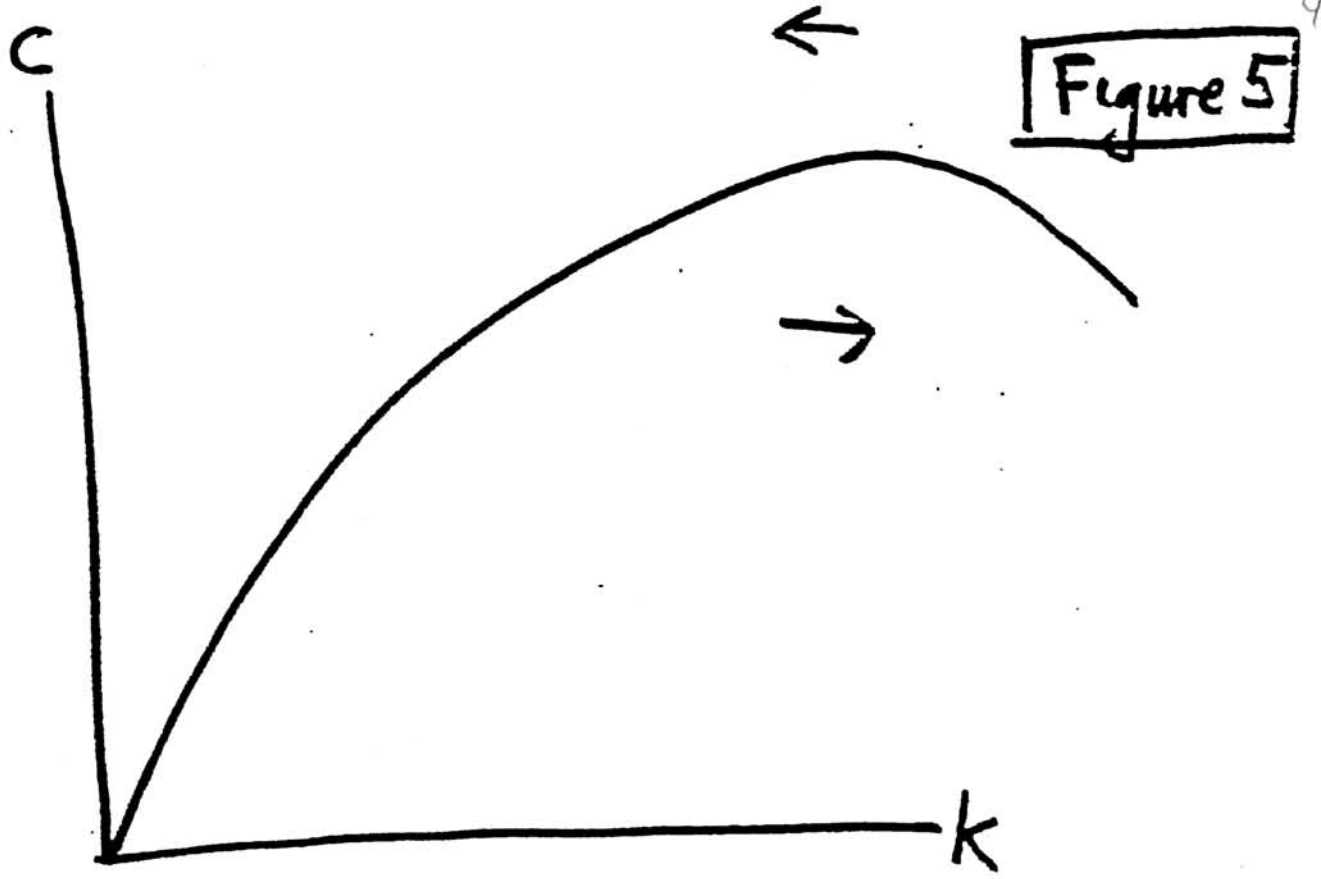
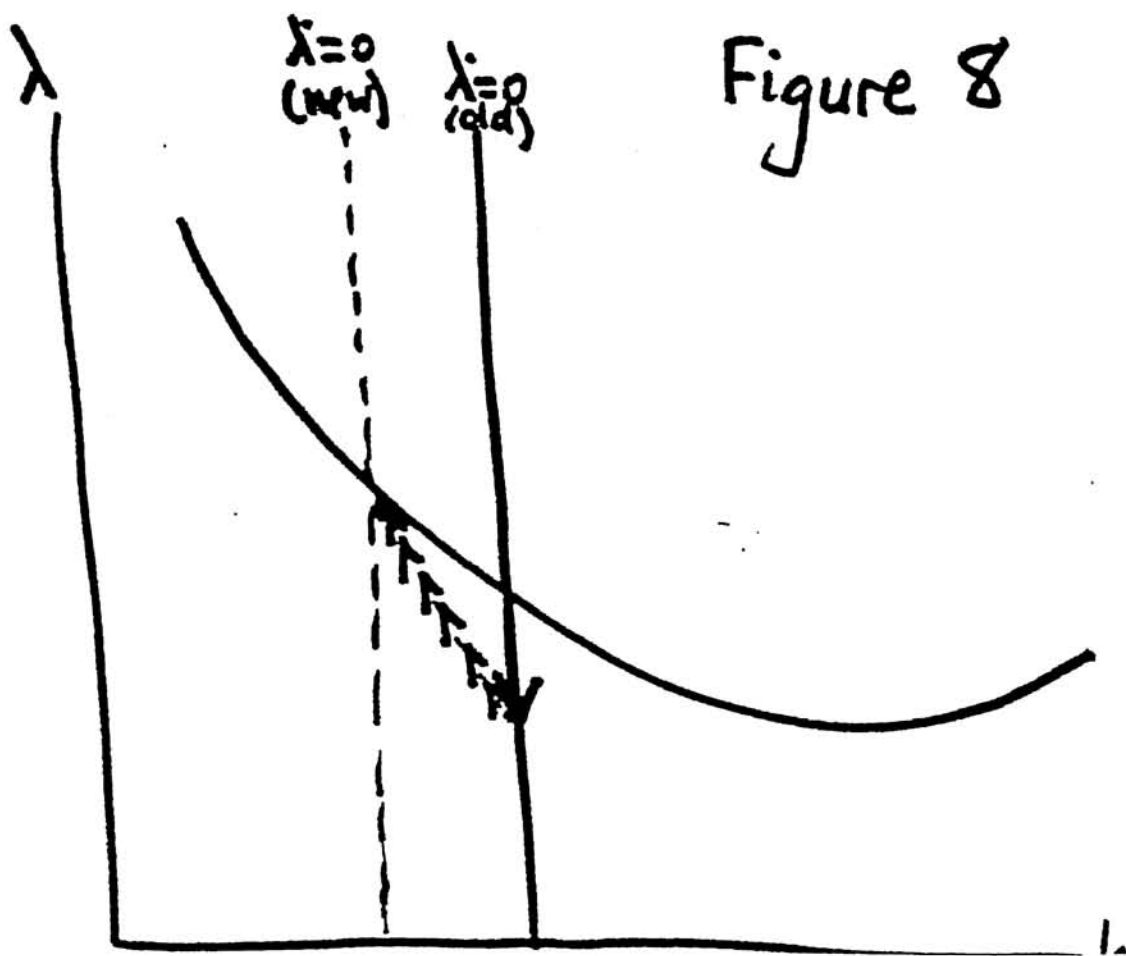
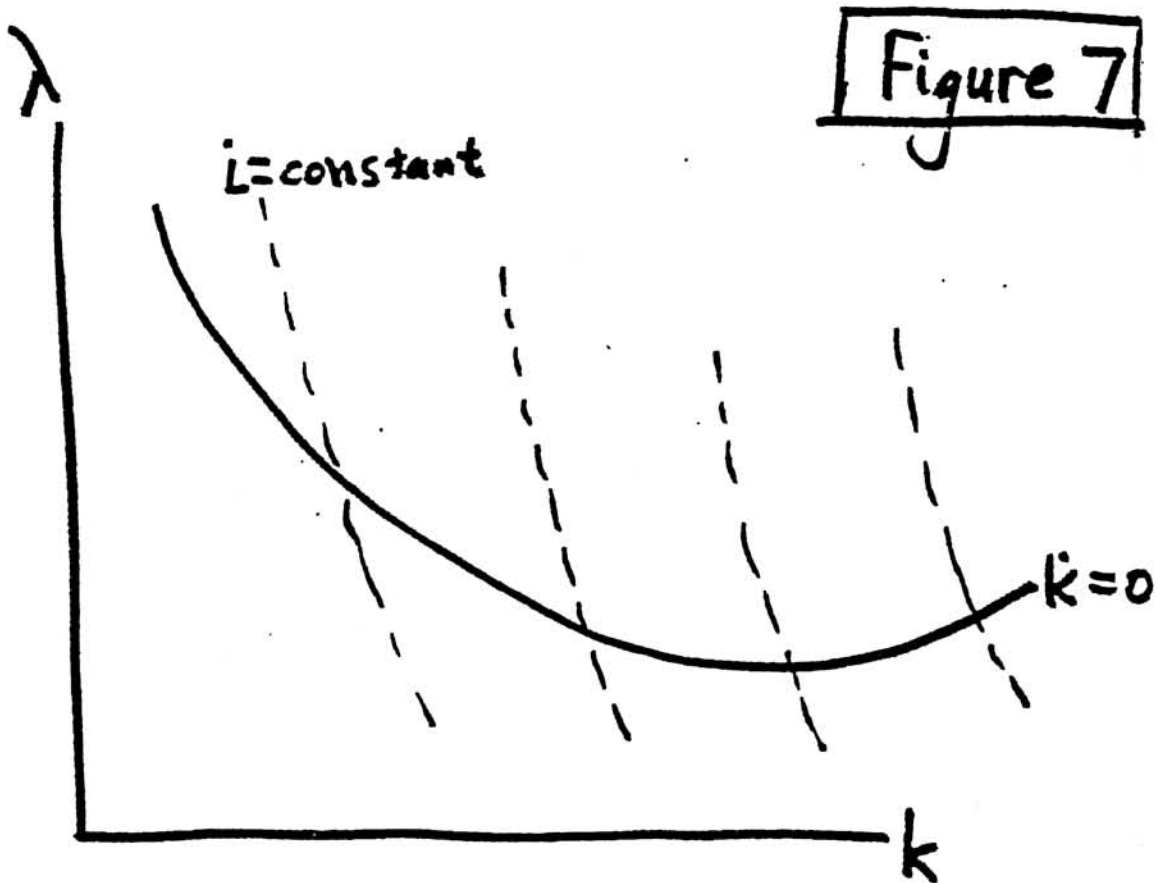


Figure 2







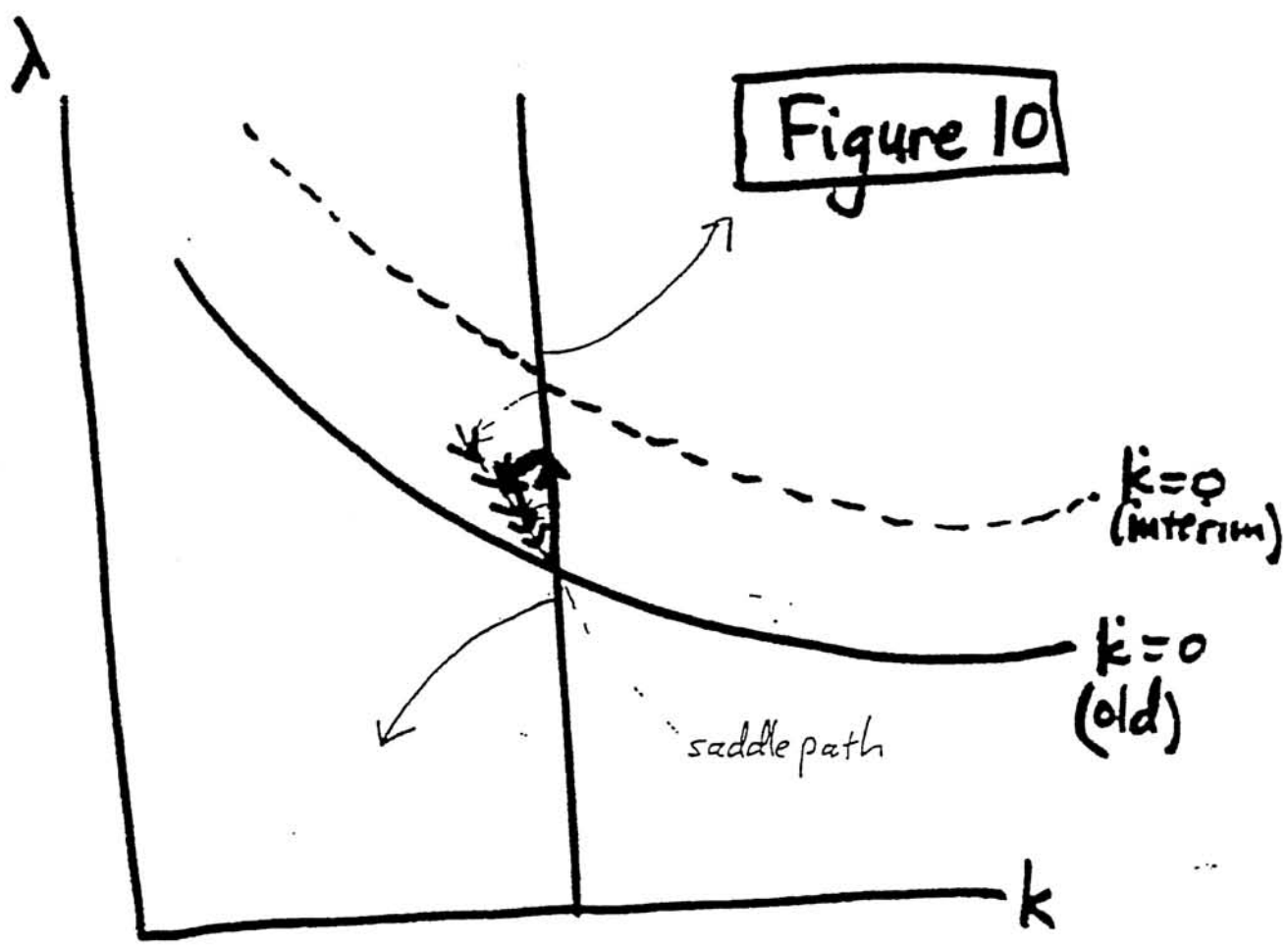
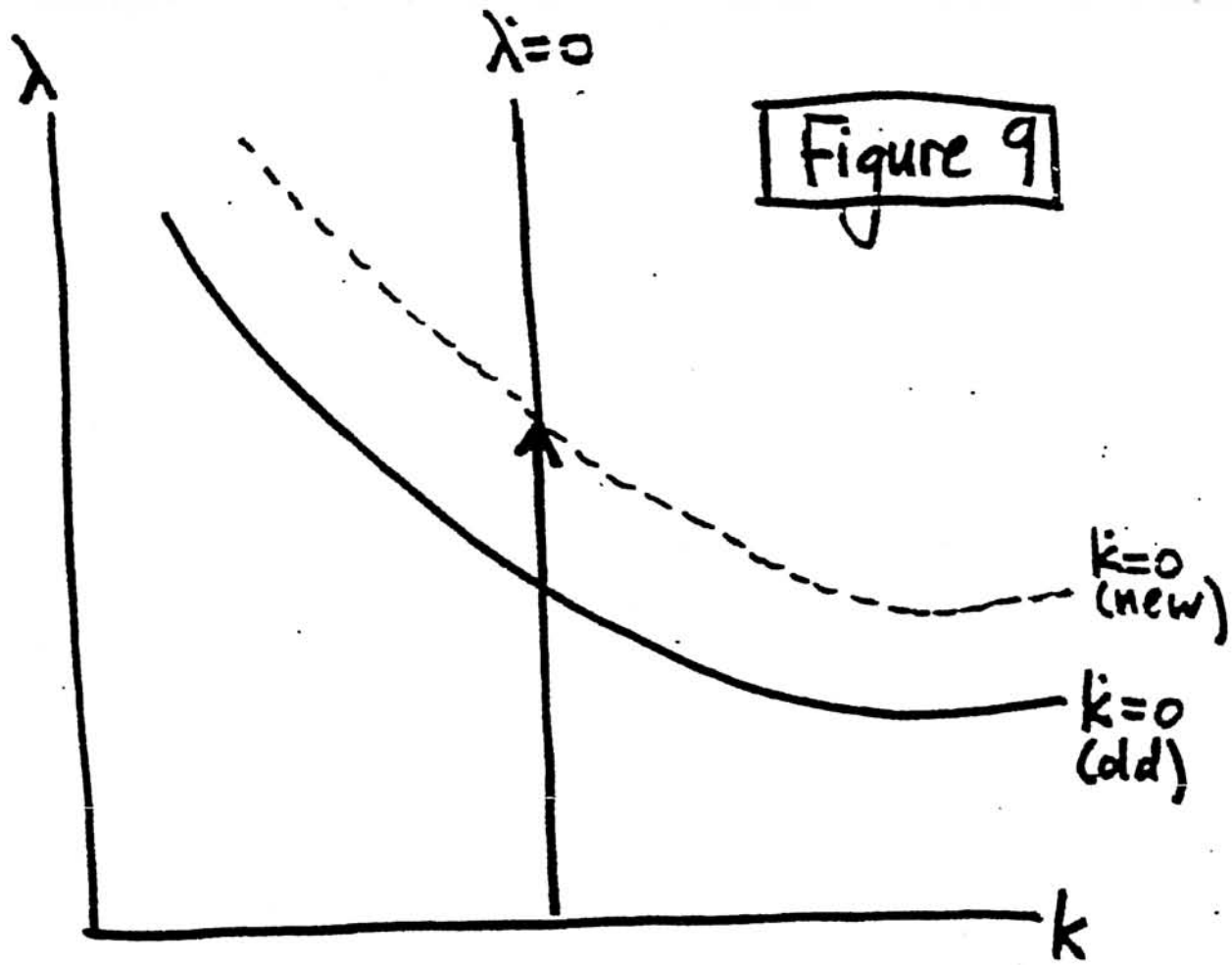


Figure 11

O

T

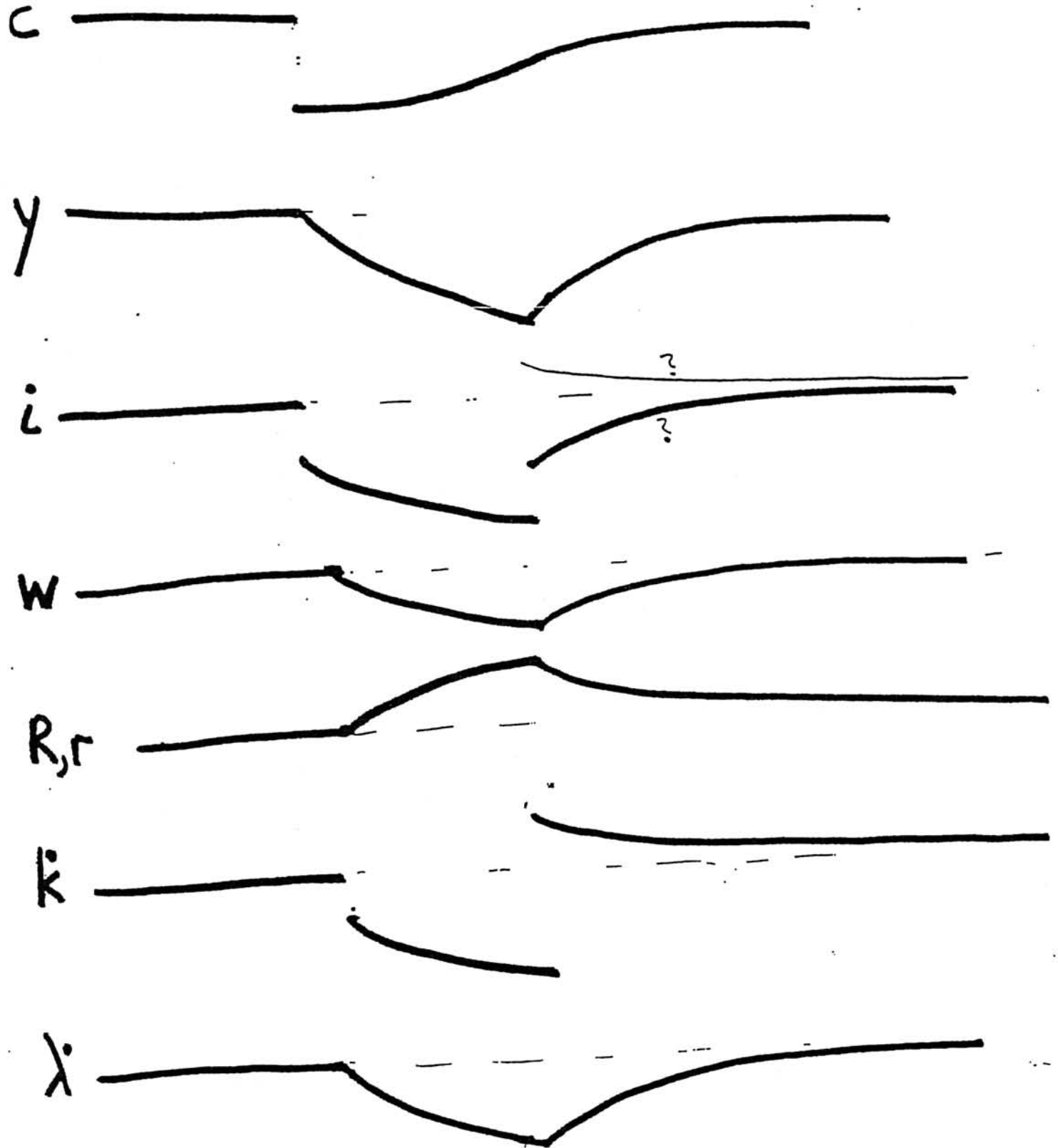


Figure 12

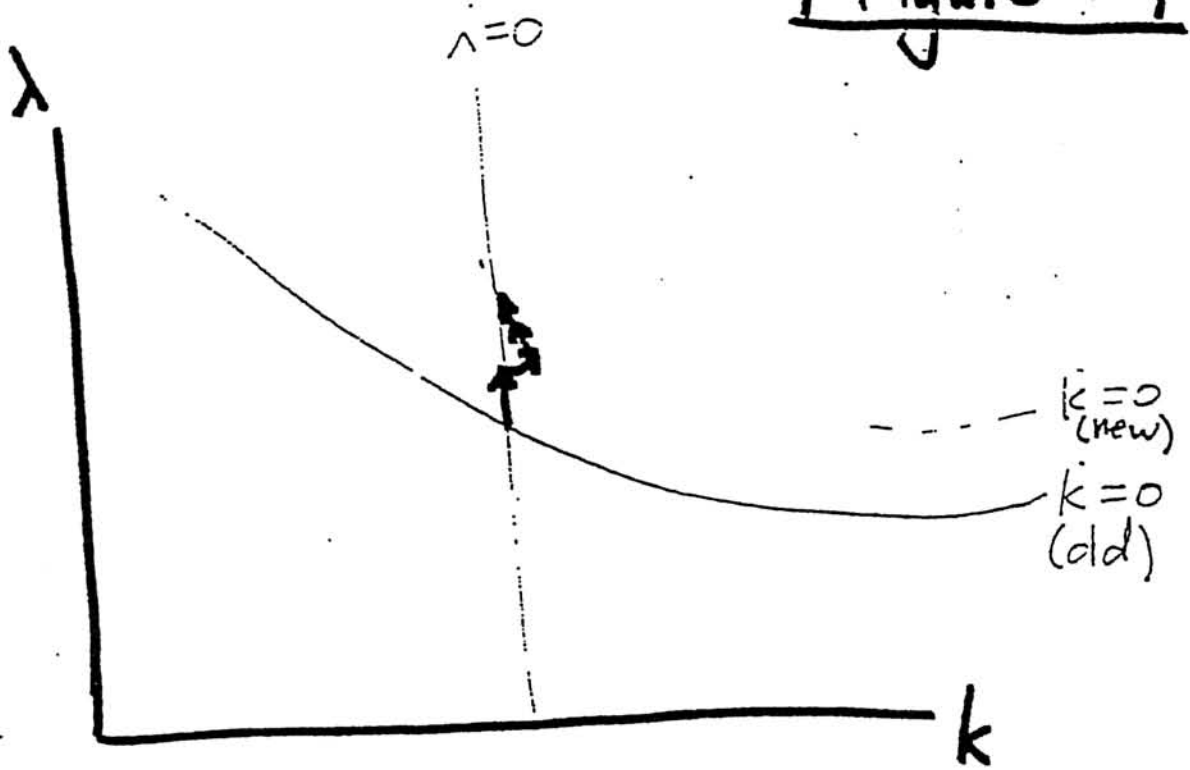


Figure 13

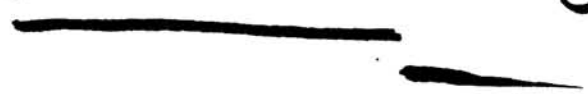
Permanent Increase in  $g$



Temporary Increase in  $g$



Anticipated Increase in  $g$





# BASIC RBC

Figure 1

The Phase Diagram

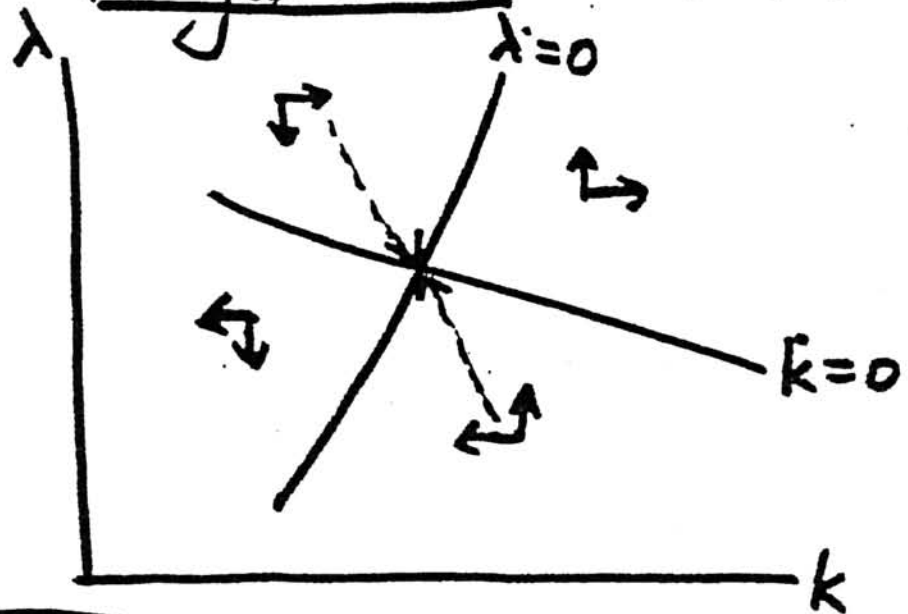
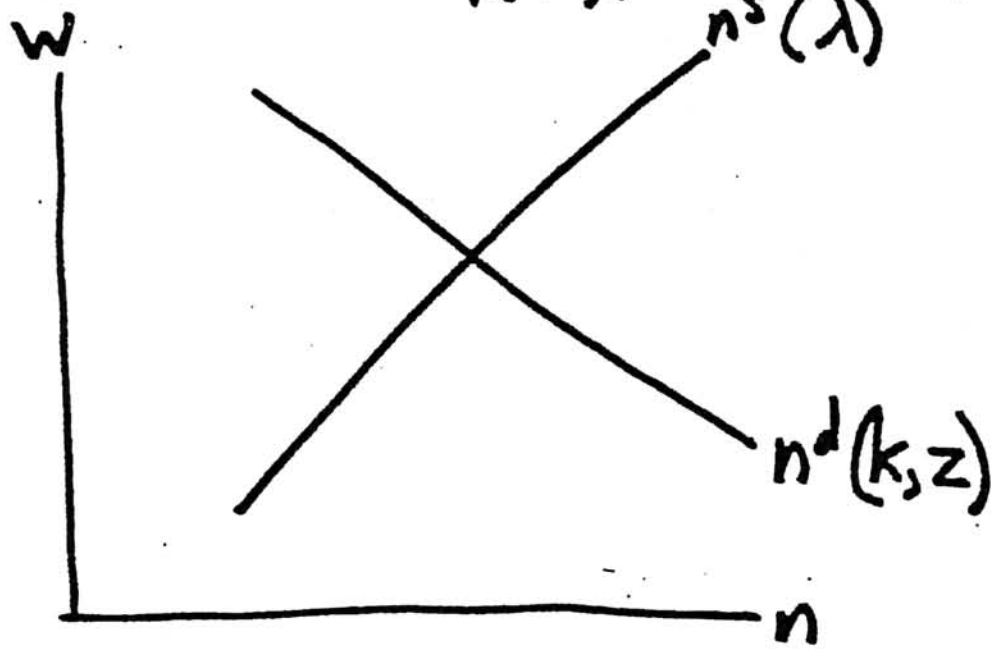
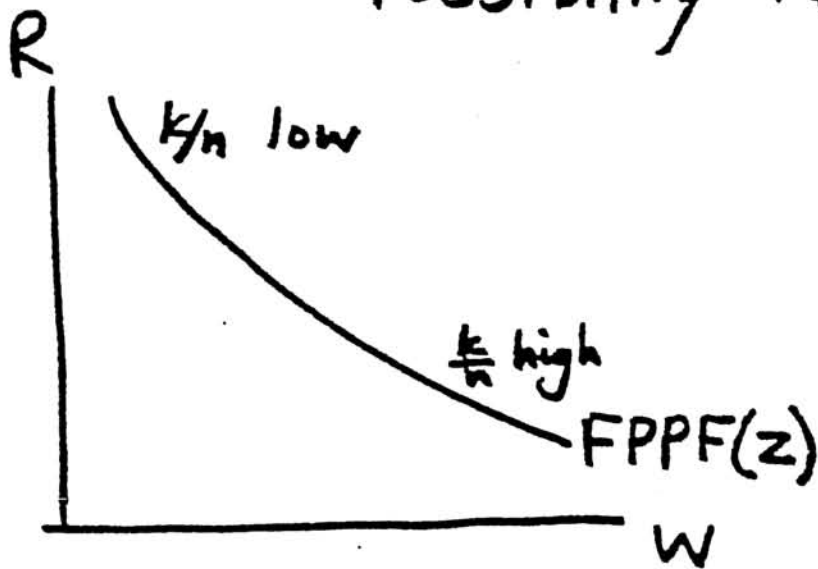


Figure 2

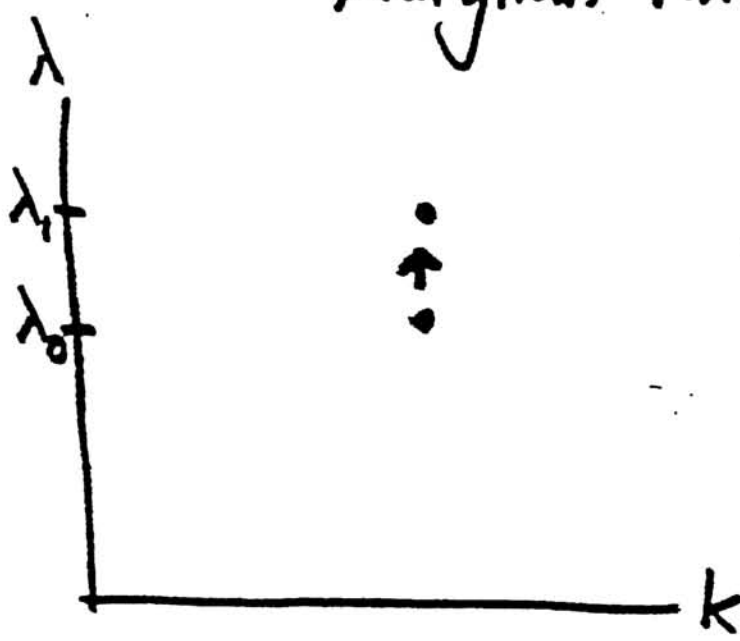
~~Supply and Demand~~ Supply and Demand in the Labor Market



**Figure 3** The Factor Price Possibility Frontier



**Figure 4** The Effect of a Higher Marginal Value of Capital



Quantities	Prices
$c \downarrow$	
$n \uparrow$	$w \downarrow$
$y \uparrow$	$R \uparrow$
$i \uparrow$	$r \uparrow$
$k \uparrow$	$\lambda \downarrow$

Figure 5

Labor Supply Increases

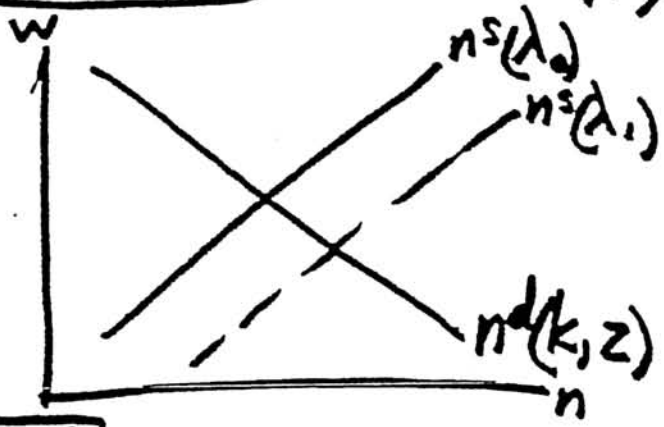


Figure 6

The Marginal Revenue Product of Capital Increases as ~~n~~  $\frac{n}{k}$

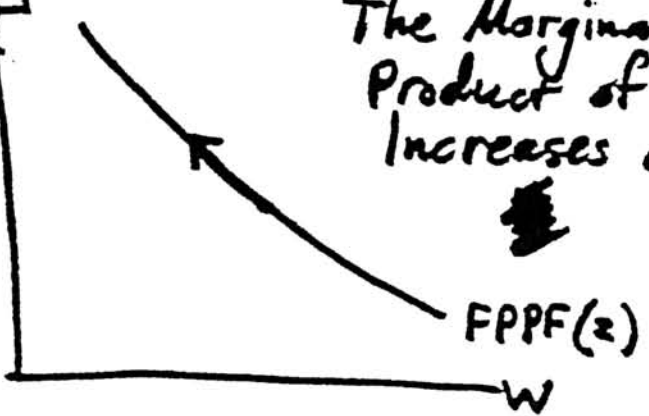
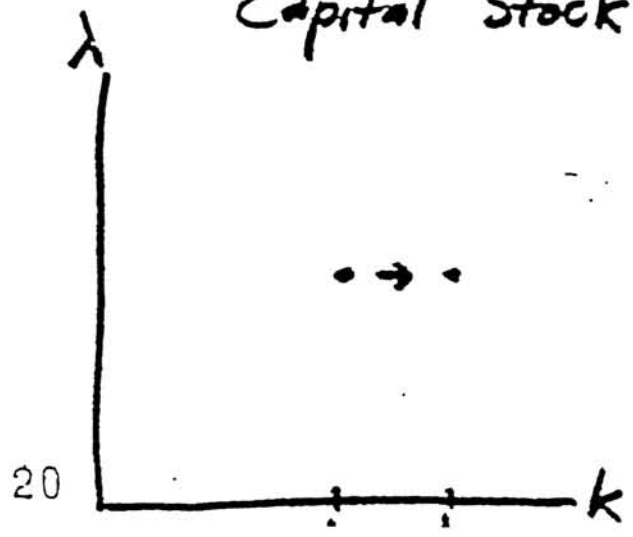


Figure 7

The Effect of a Higher Capital Stock



Quantities	Price
$c ?$	
$n \uparrow$	$w \uparrow$
$y \uparrow$	$R \downarrow$
$i \uparrow$	$r \downarrow$
$k \uparrow$	$\lambda \uparrow$

Figure 8

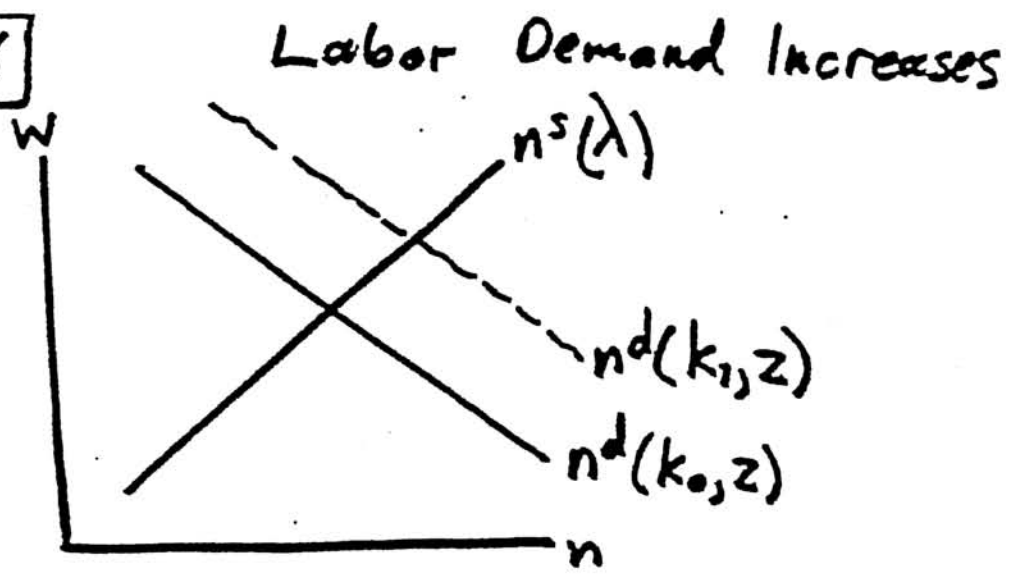


Figure 9

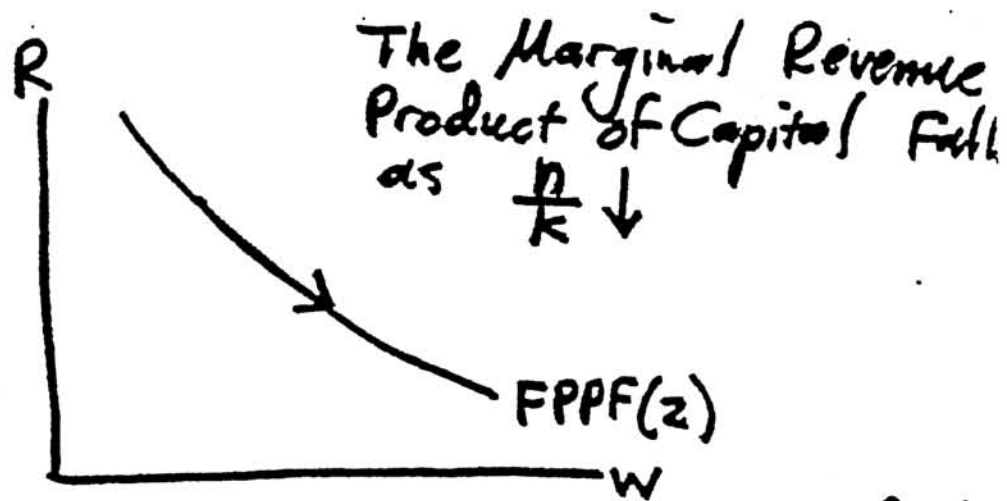
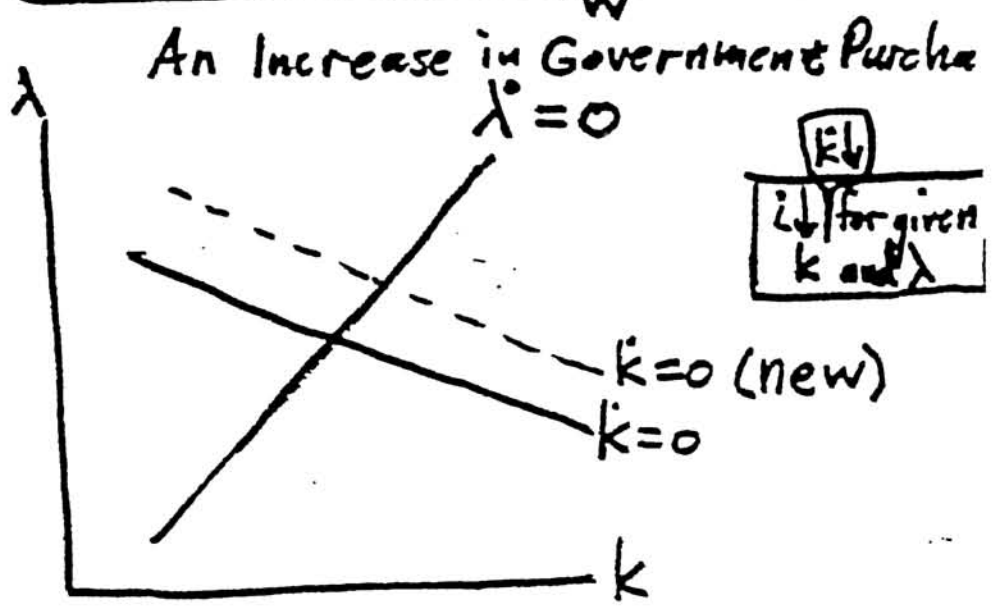
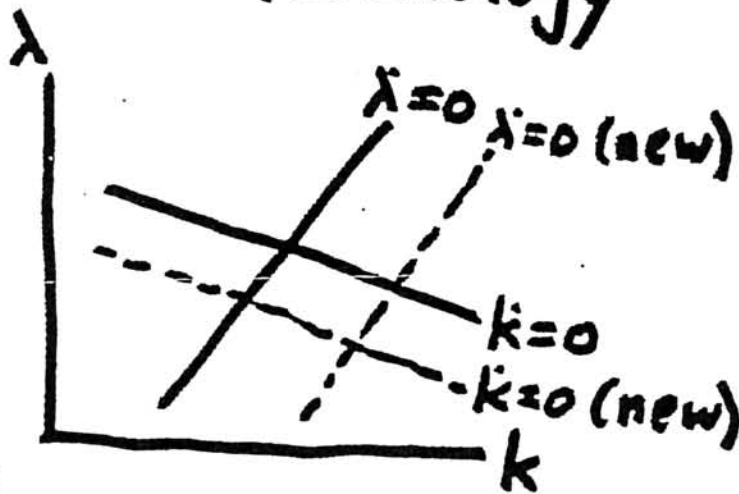


Figure 10



**Figure 11**

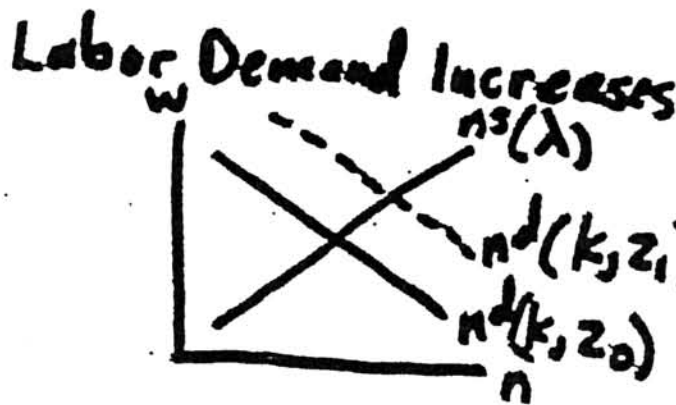
An Improvement in Labor-Augmenting Technology



For Given  $k$  and  $\lambda$ :

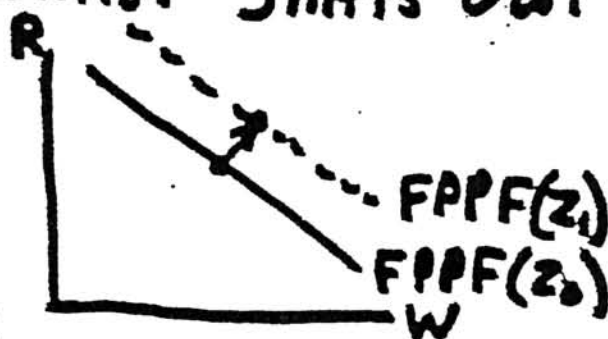
Quantities	Pri
$c?$	
$n \uparrow$	$w \uparrow$
$y \uparrow$	$r \uparrow$
$z \uparrow$	$r \uparrow$
$k \uparrow$	$\lambda \downarrow$

**Figure 12**



**Figure 13**

The Factor-Price Possibility Frontier Shifts Out



$\frac{zn}{k} \uparrow$

Figure 14

### Investment Demand

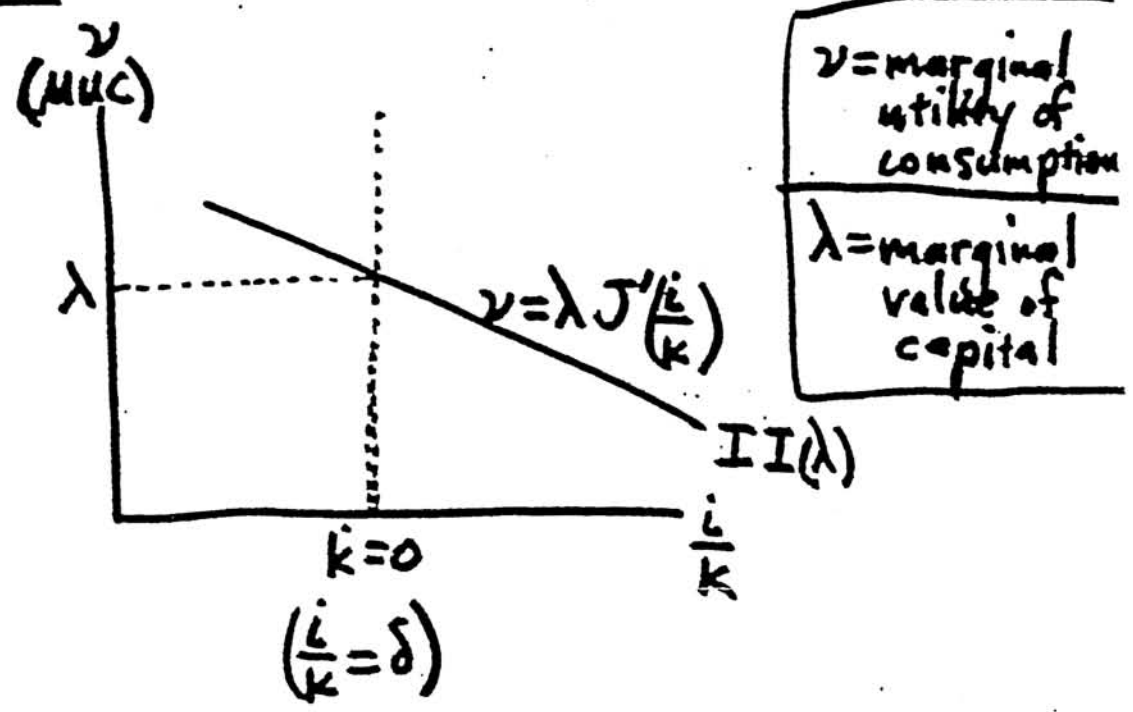


Figure 15

### Saving Supply When Investment Demand is Perfectly Elastic

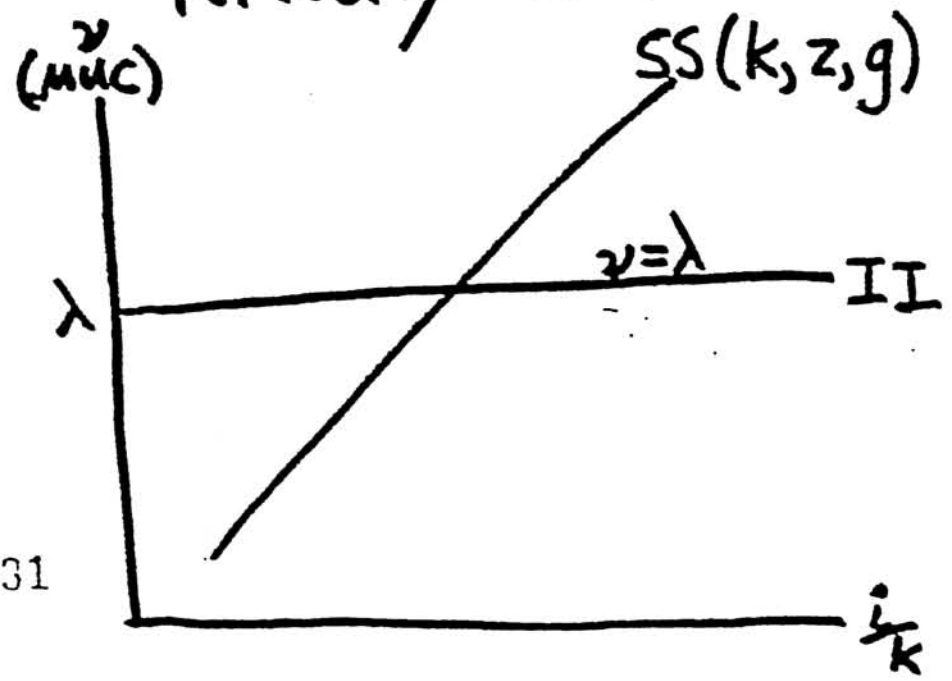


Figure 16

Saving Supply When Investment Demand is Less Than Perfectly Elastic

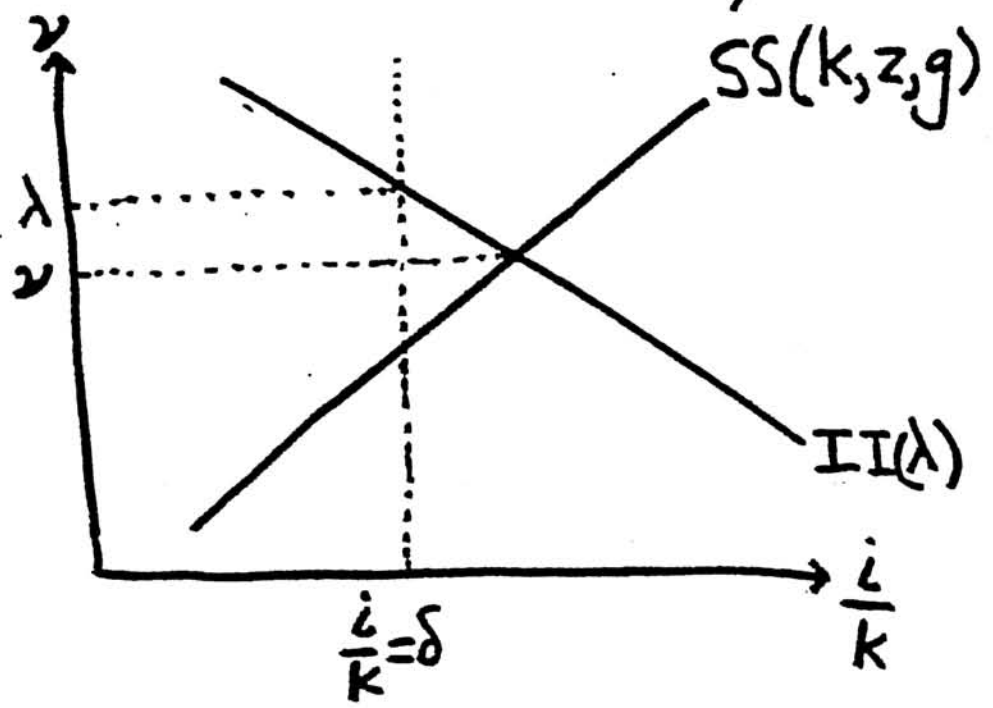


Figure 17

Labor Supply and Demand When  $v \neq \lambda$

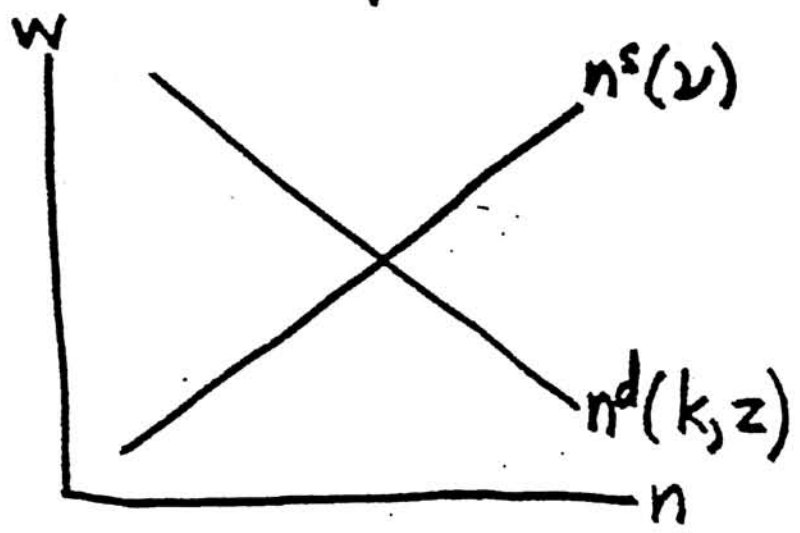


Figure 18

The Effect of an Increase in  $k$

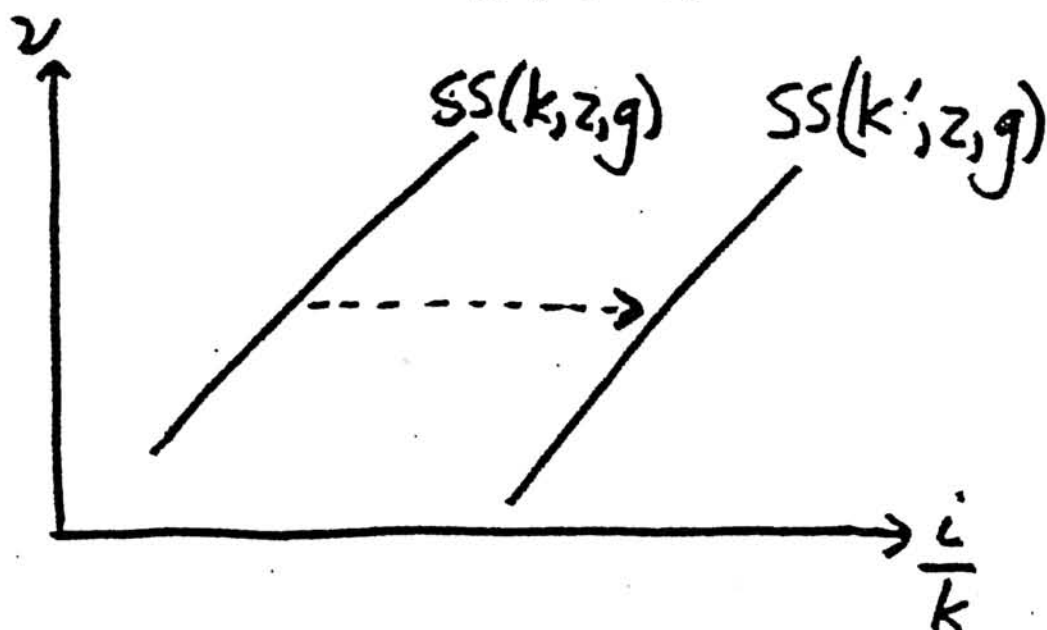


Figure 19

Behind the Scenes:  
The Labor Market  
When  $k$  Increases with  
 $v$  Fixed

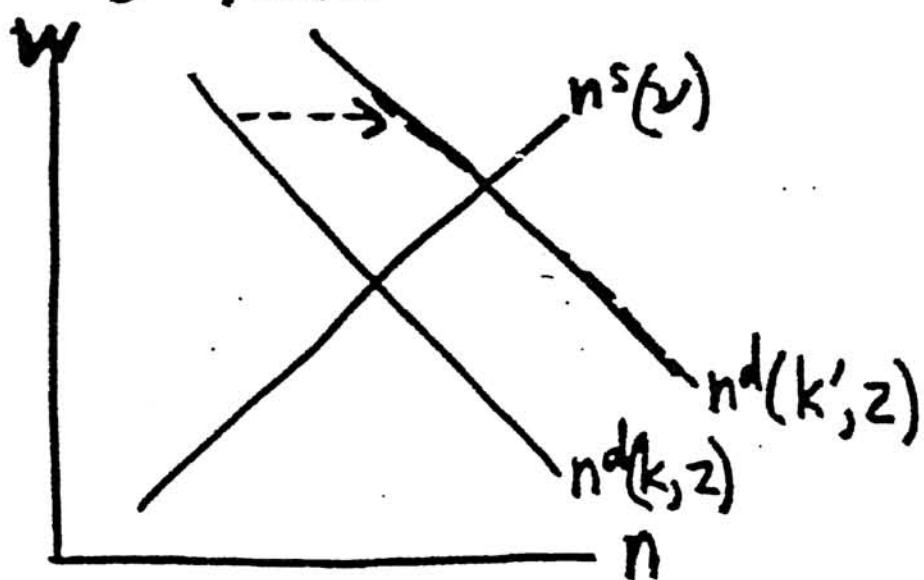




Figure 20

The Effect of an Increase in  $z$

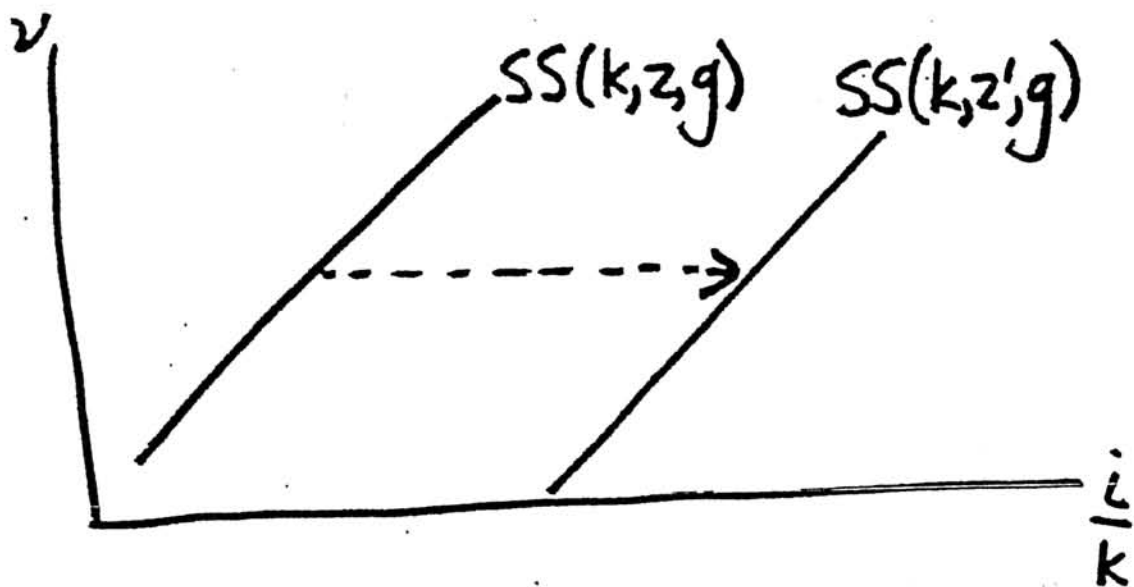


Figure 21

Behind the Scenes:  
The Labor Market  
When  $z$  Increases  
with  $v$  Fixed

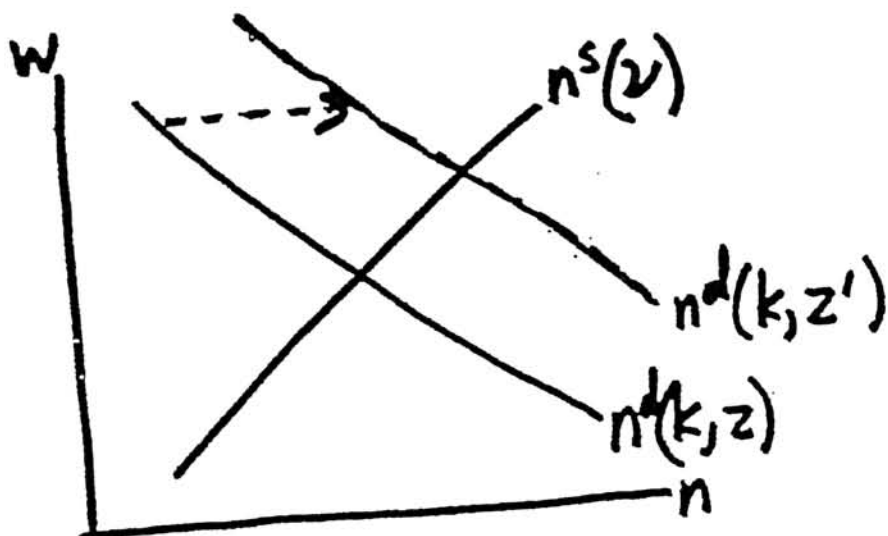


Figure 22

The Effect of an Increase in  $g$

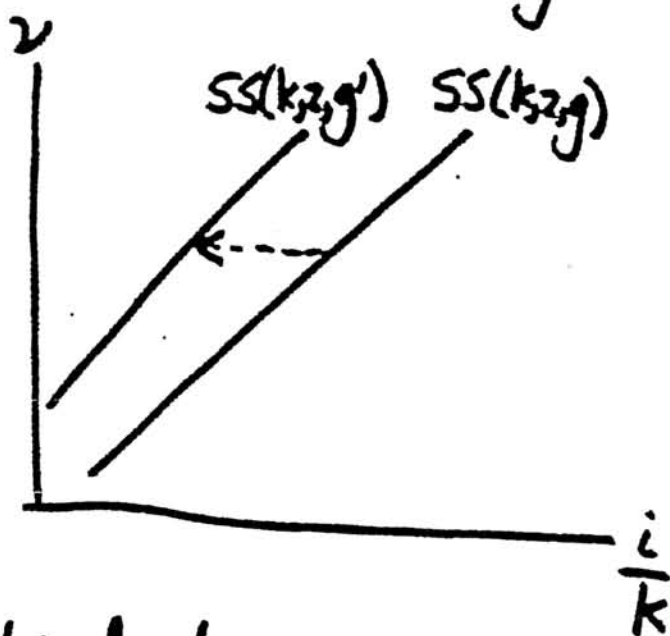


Figure 23

Behind the Scenes:  
The Labor Market When  
 $g$  Increases for Fixed  $z$

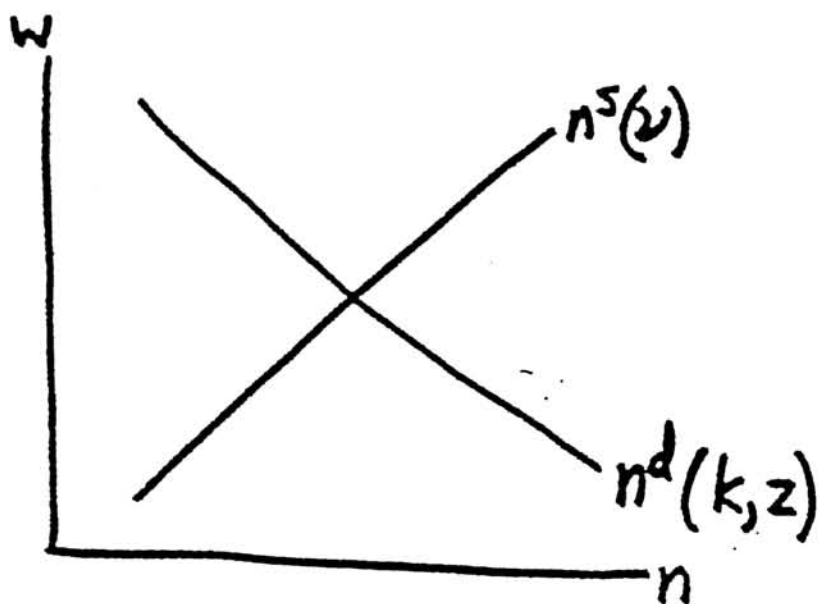


Figure 24

The Effect of an Increase in  $\lambda$

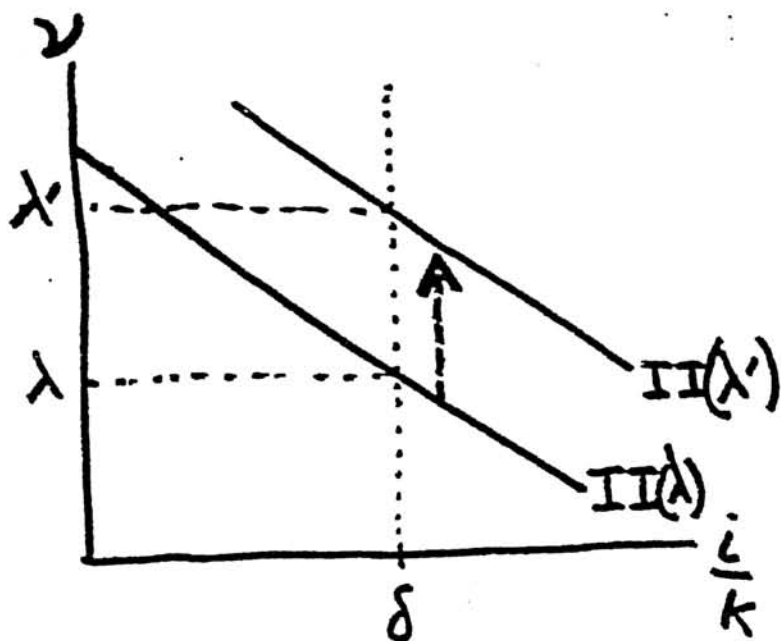
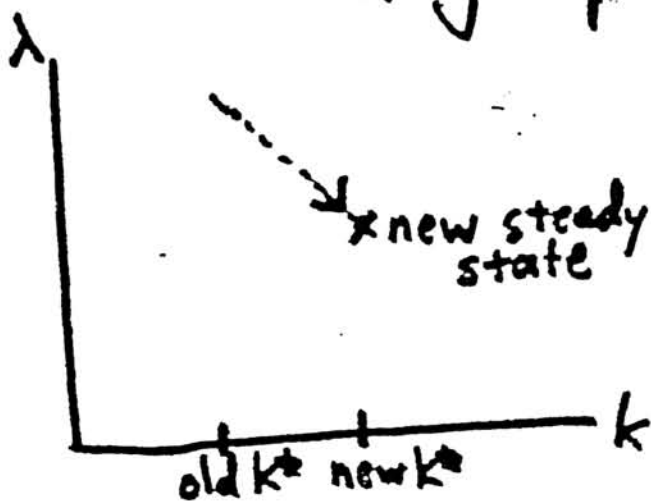


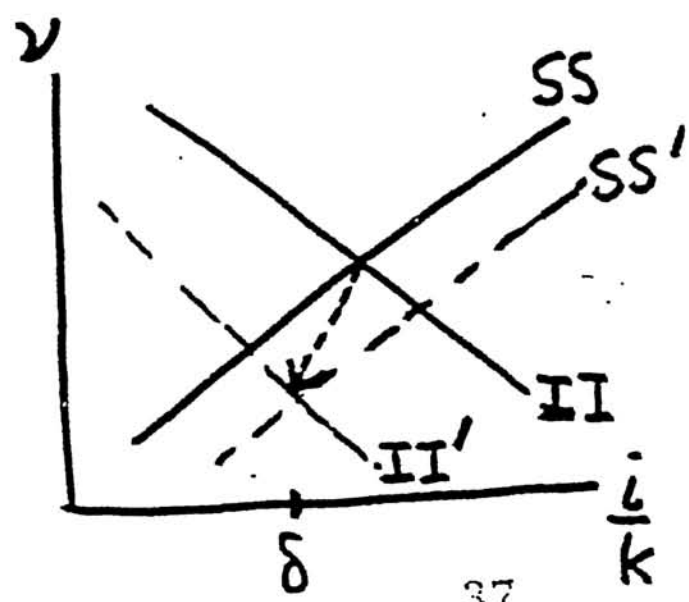
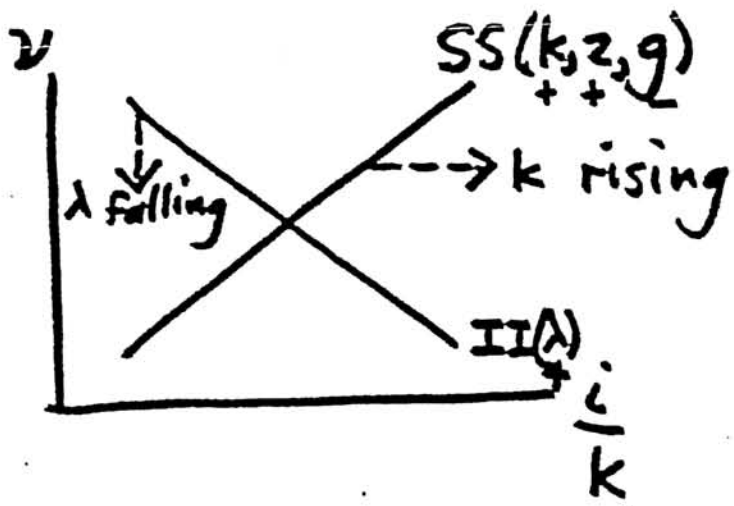
Figure 25

The Adjustment to A Permanent Increase in  $z$  or  $g$ —after the Initial Jump in  $\lambda$



**Figure 26**

The Adjustment of Investment Demand and Saving Supply to a Permanent Increase in  $z$  or  $g$  — After the Initial Jump



Equilibrium  $v$  falling  
(Equilibrium  $\frac{i}{k}$  falling)

Figure 1

$$\dot{x} = \mu - \pi$$

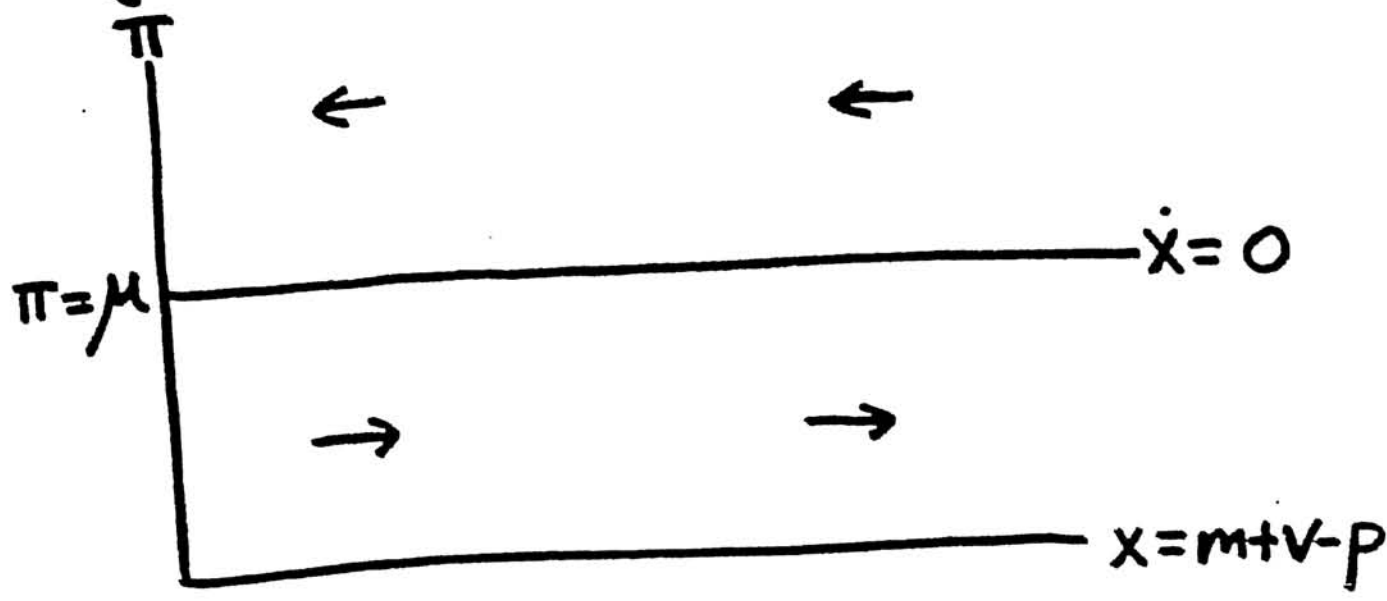


Figure 2

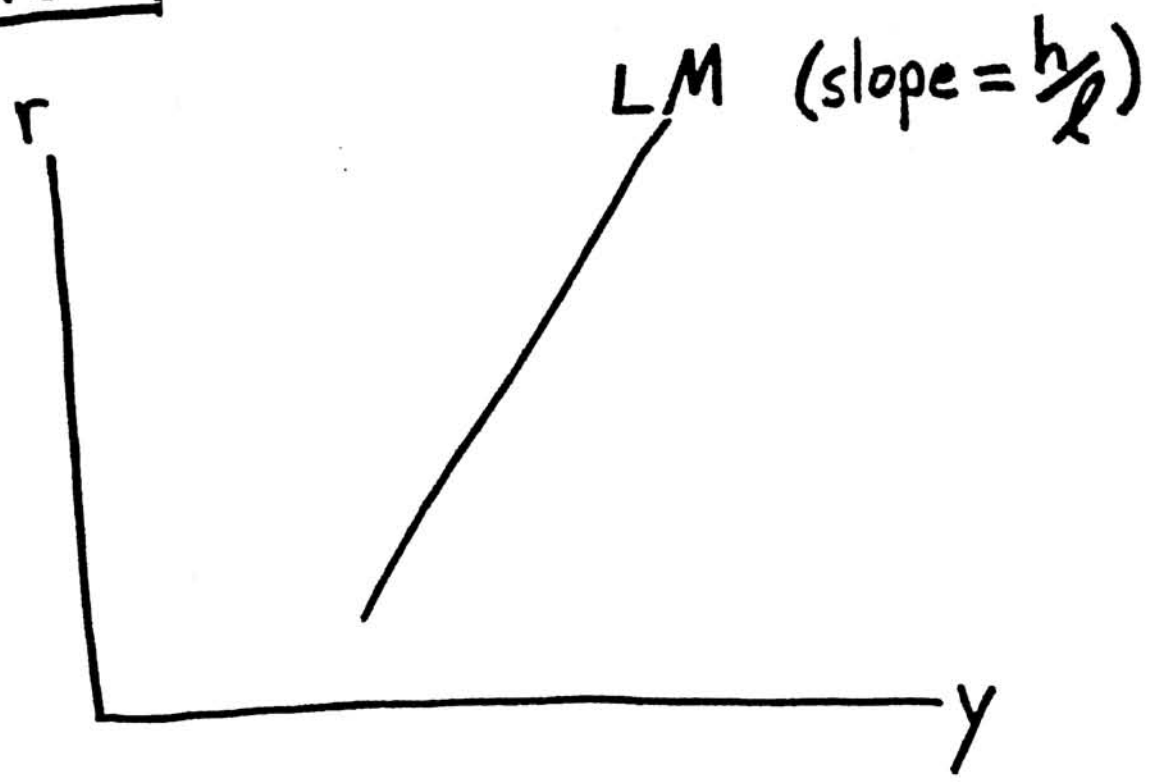


Figure 3

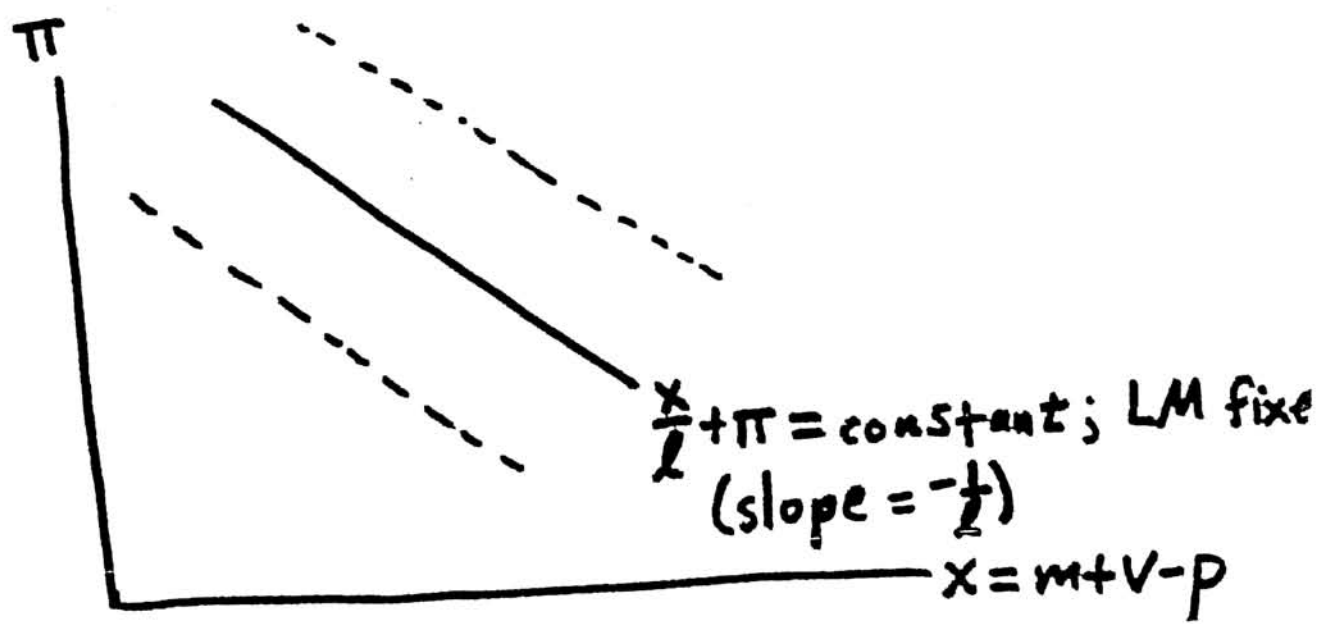


Figure 4

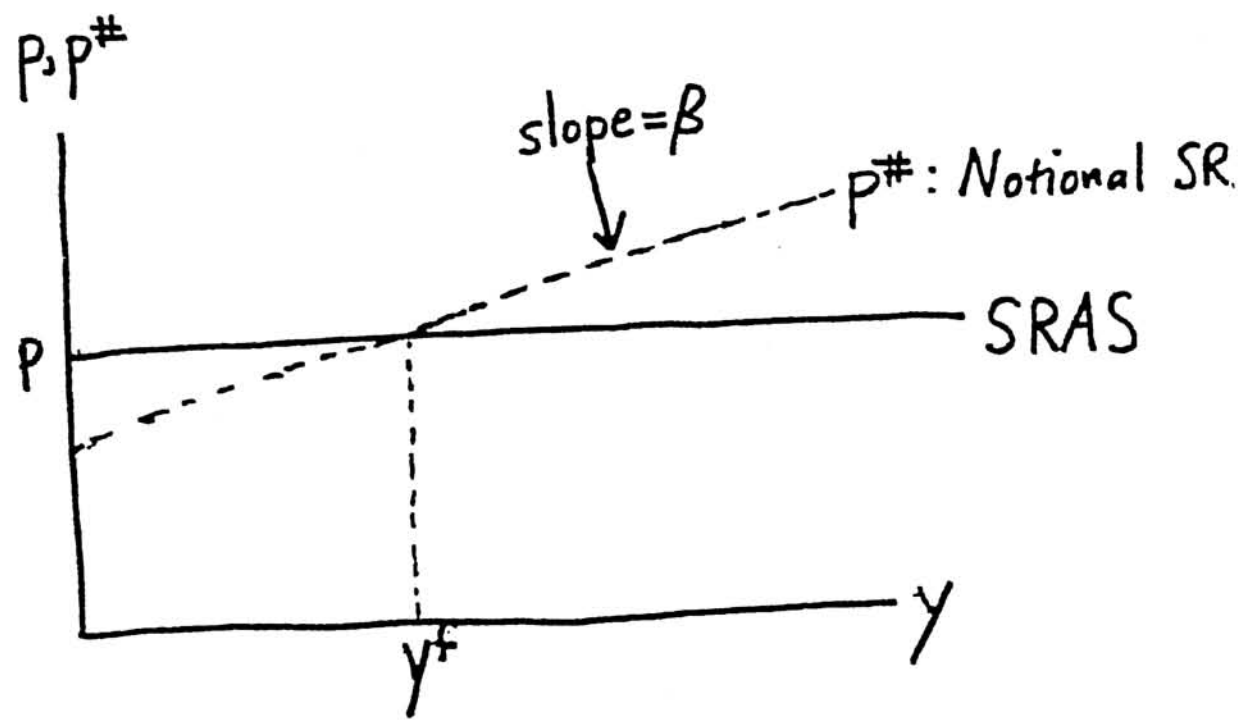


Figure 5

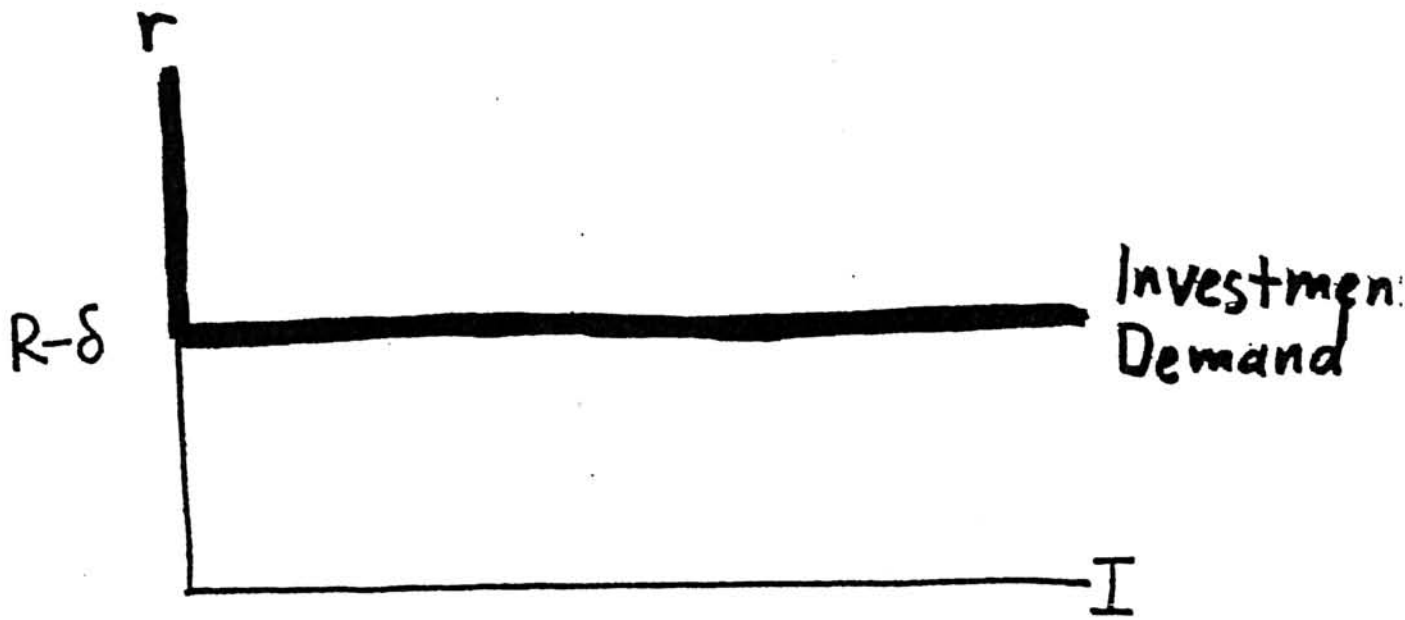


Figure 6

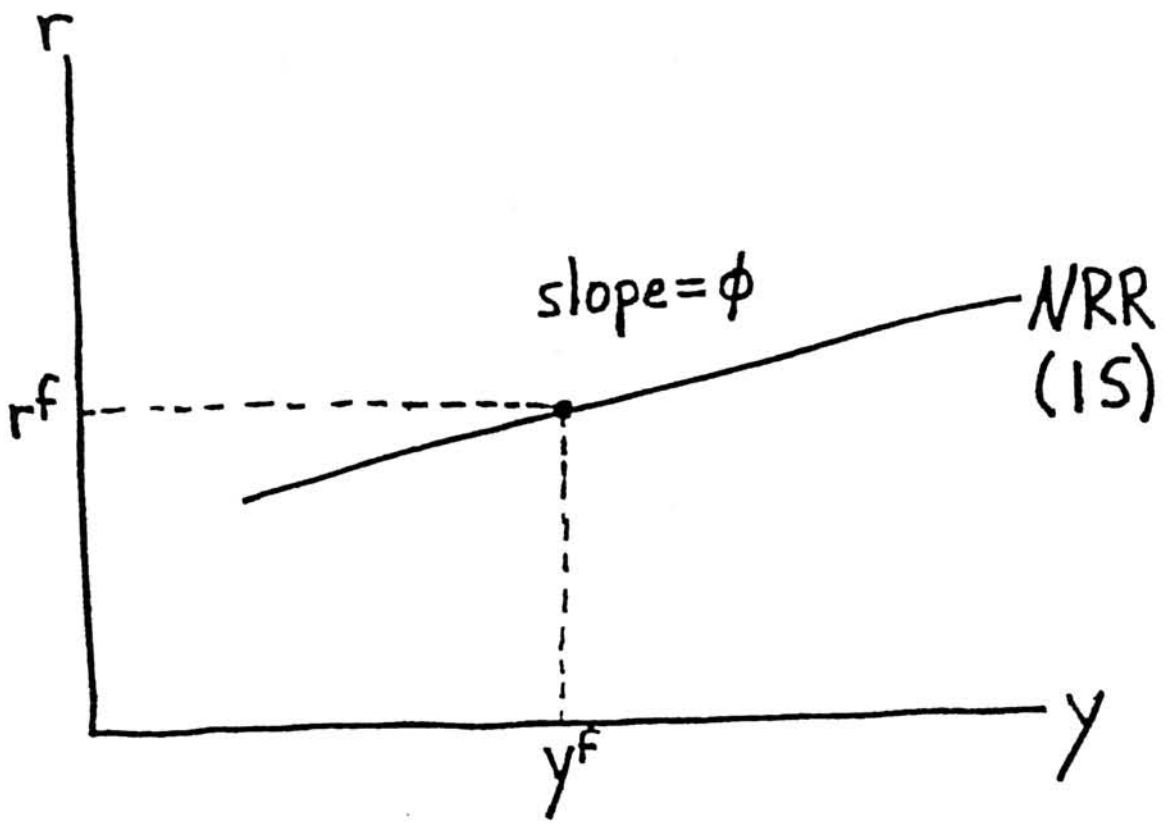


Figure 7

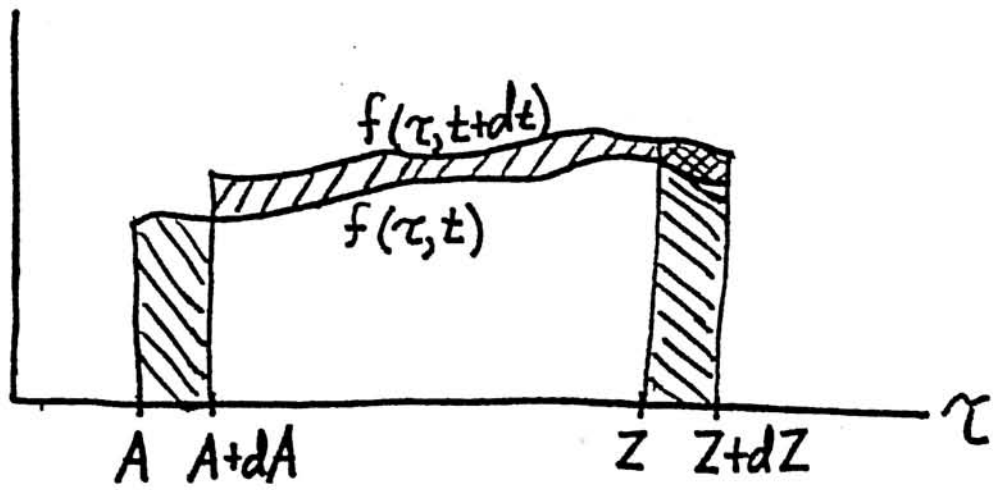


Figure 8

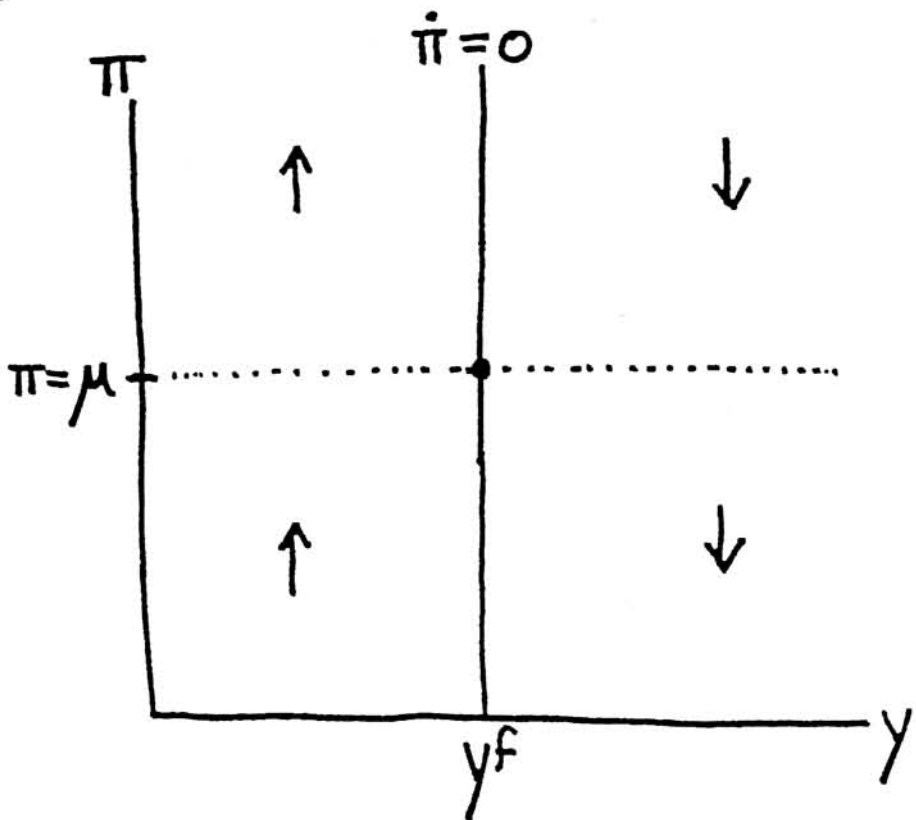




Figure 9

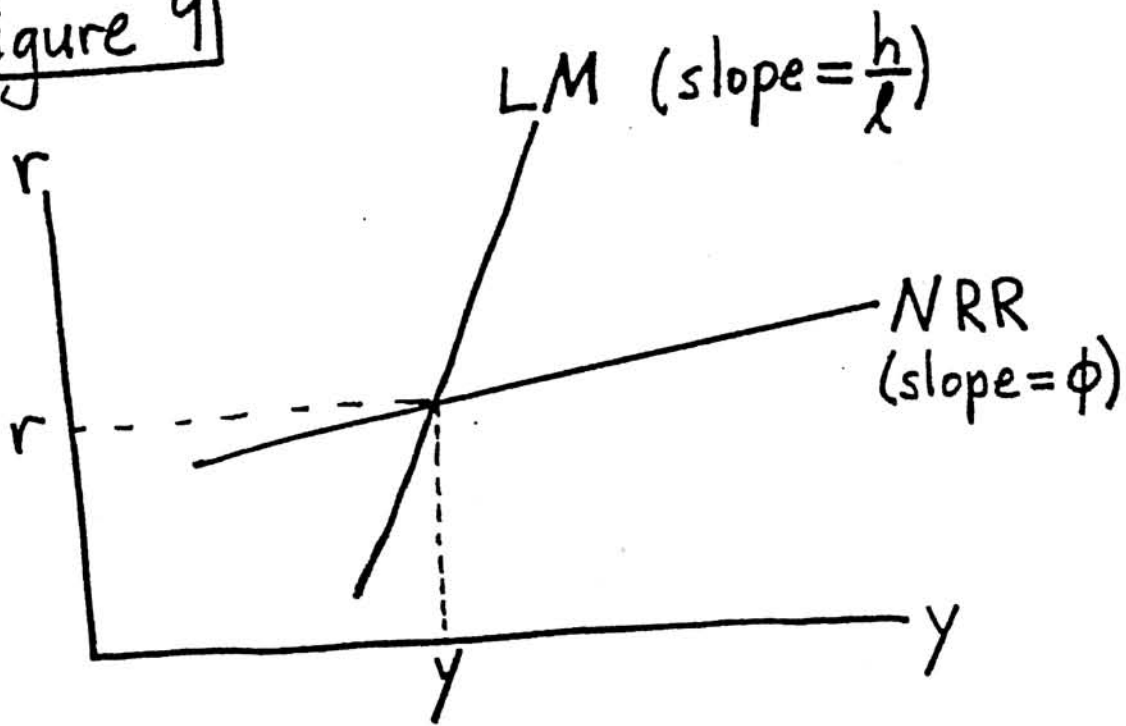


Figure 10

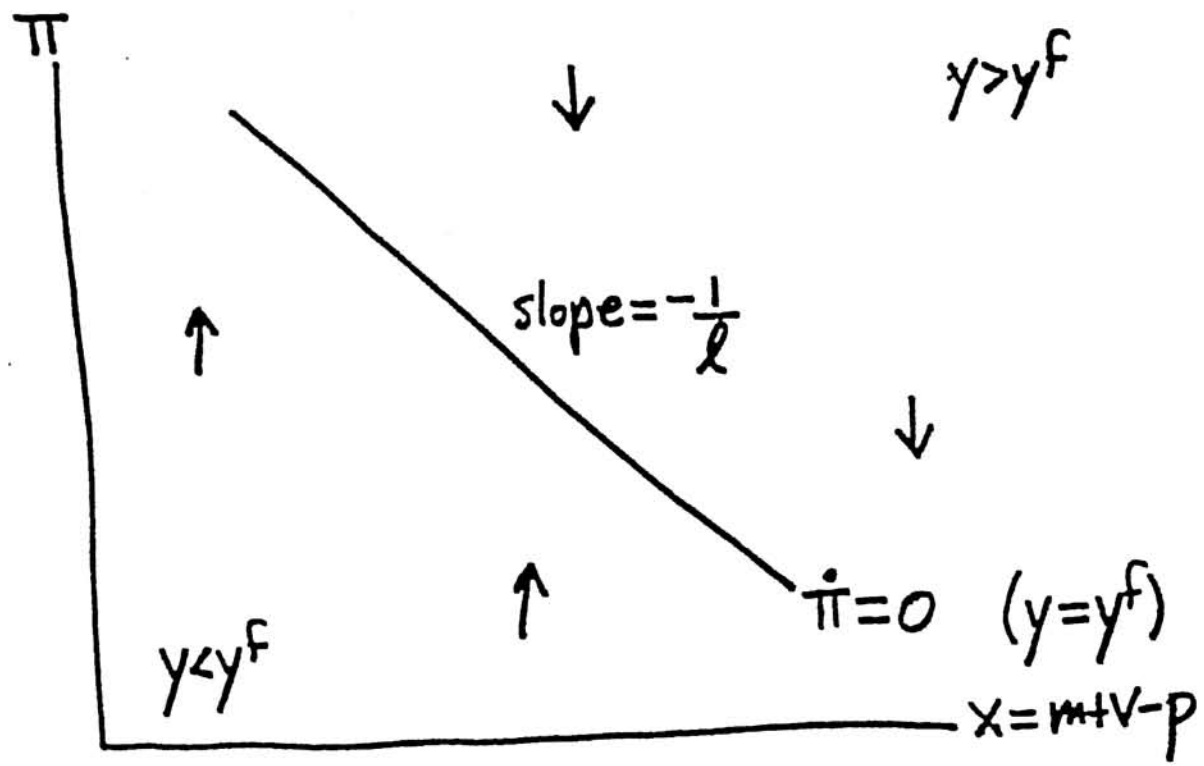


Figure 11

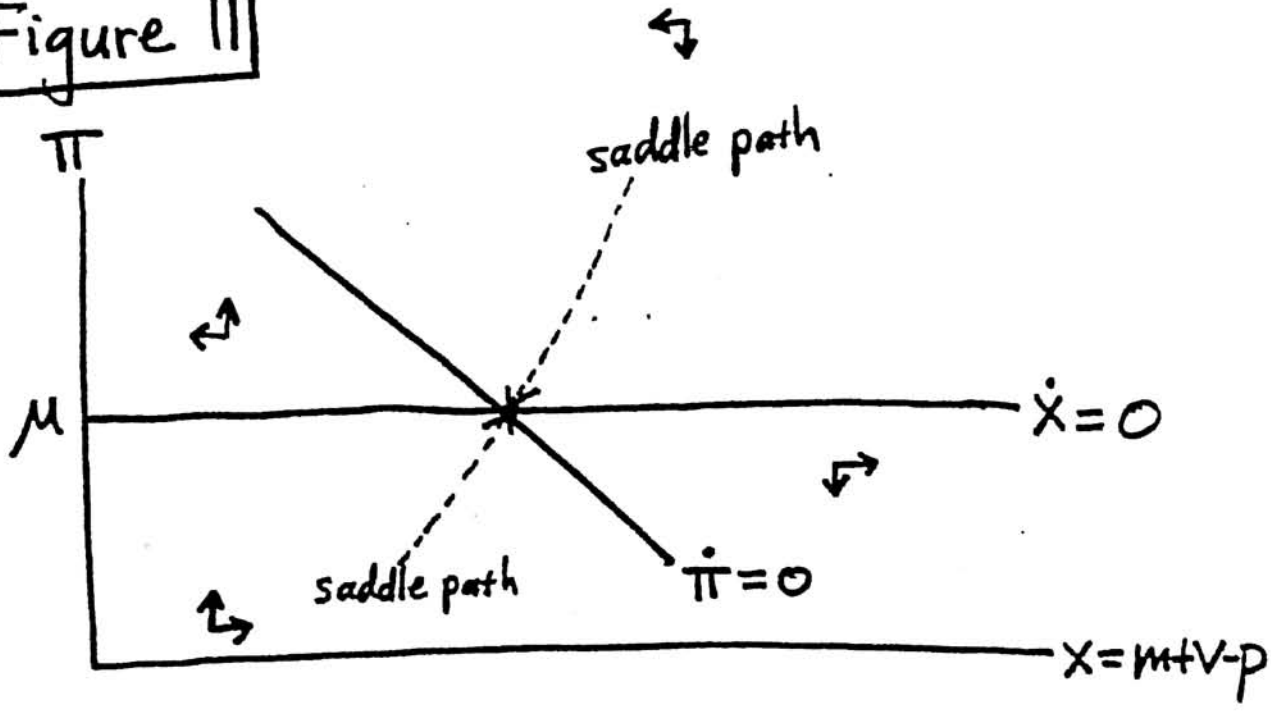


Figure 12

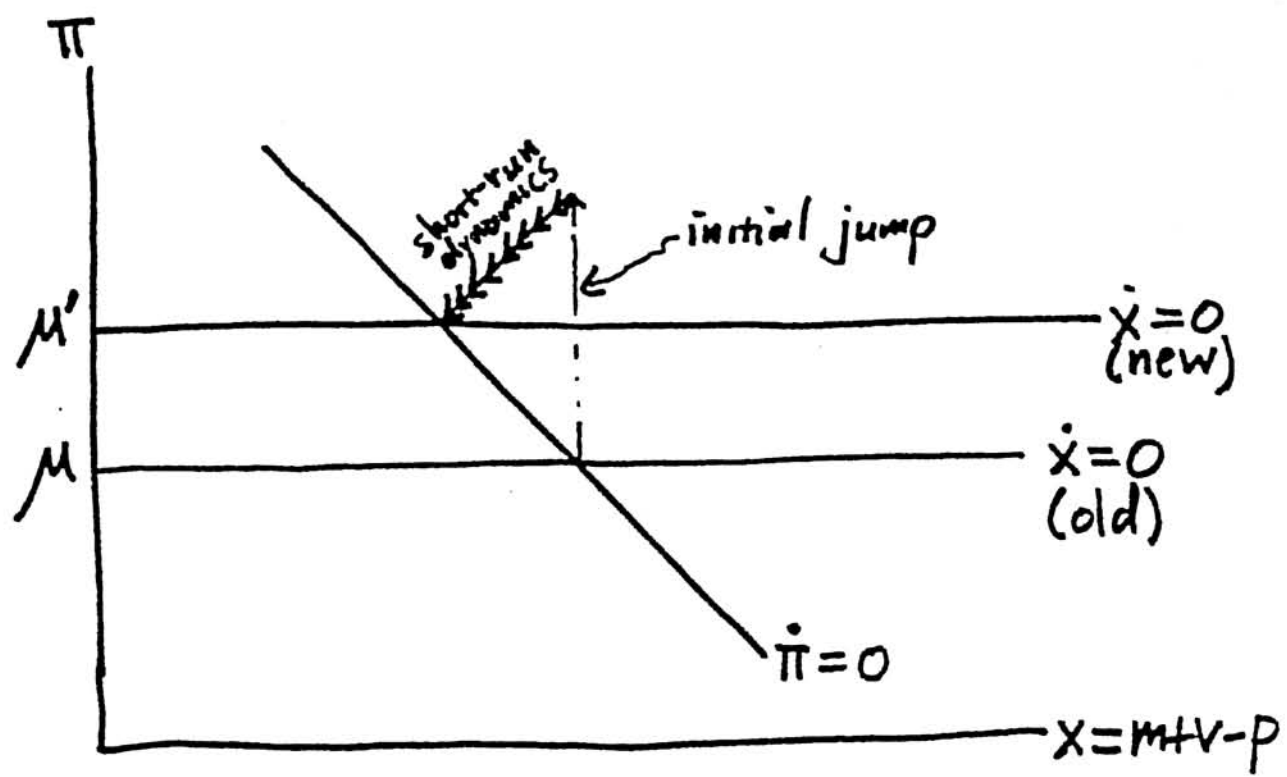


Figure 13

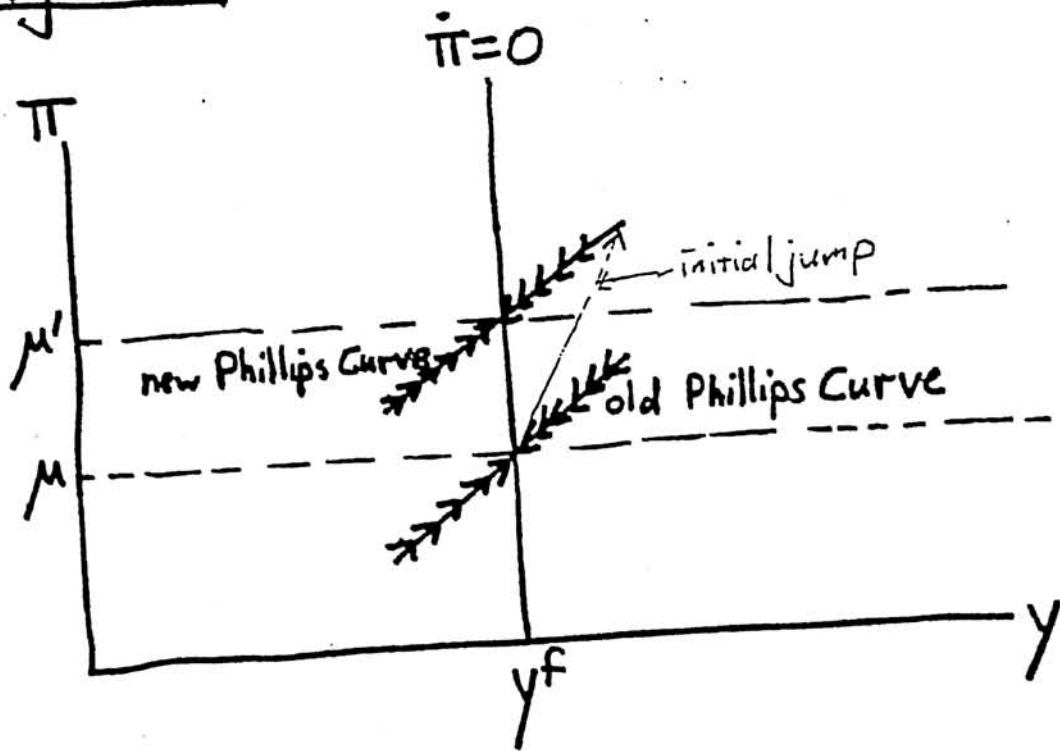


Figure 14

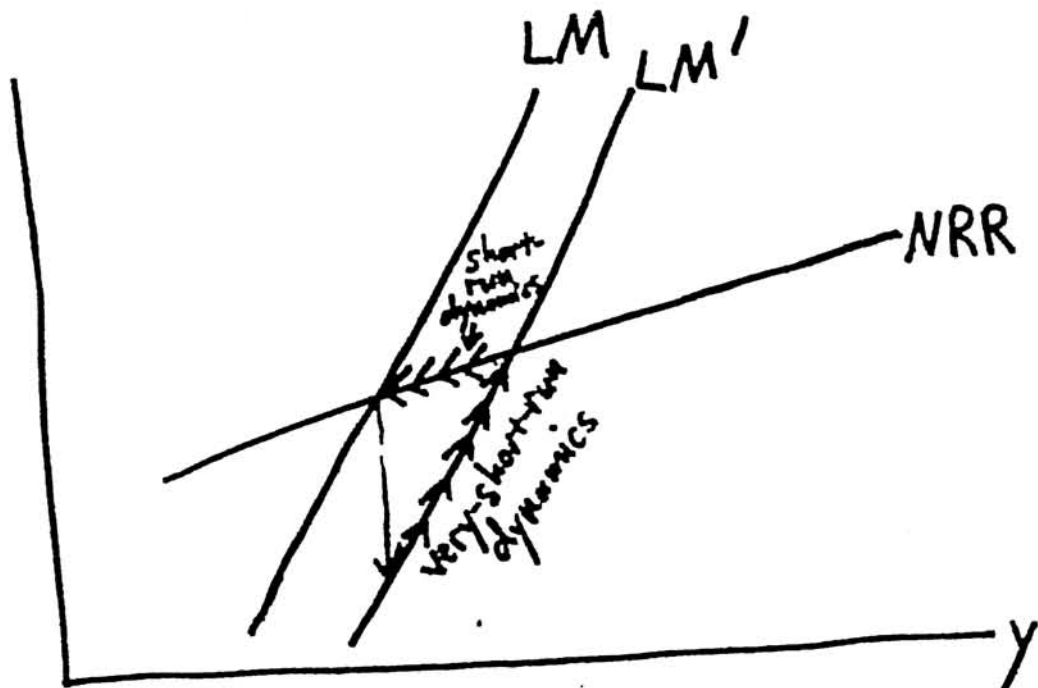


Figure 15

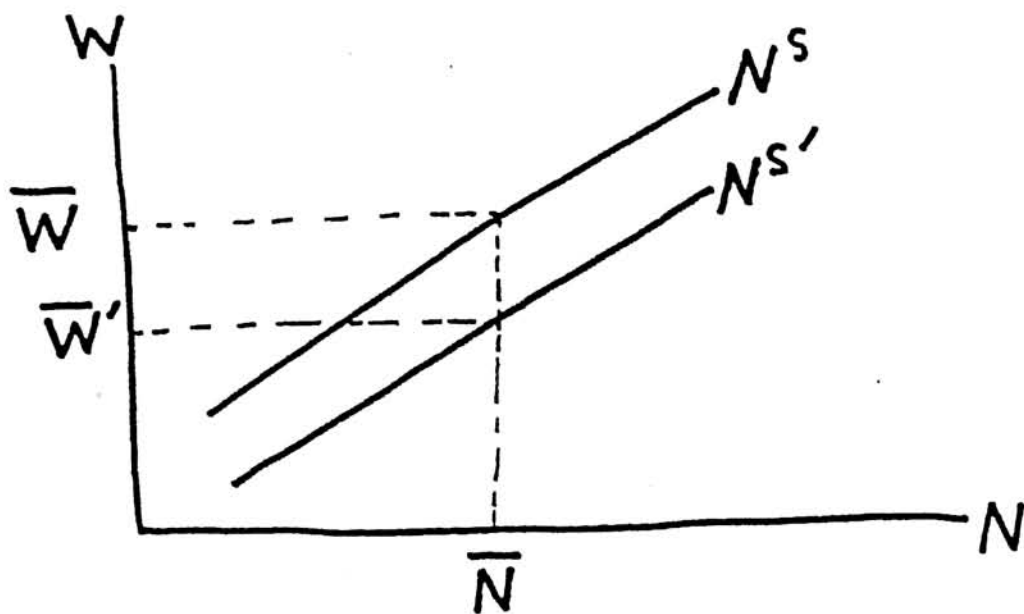


Figure 16

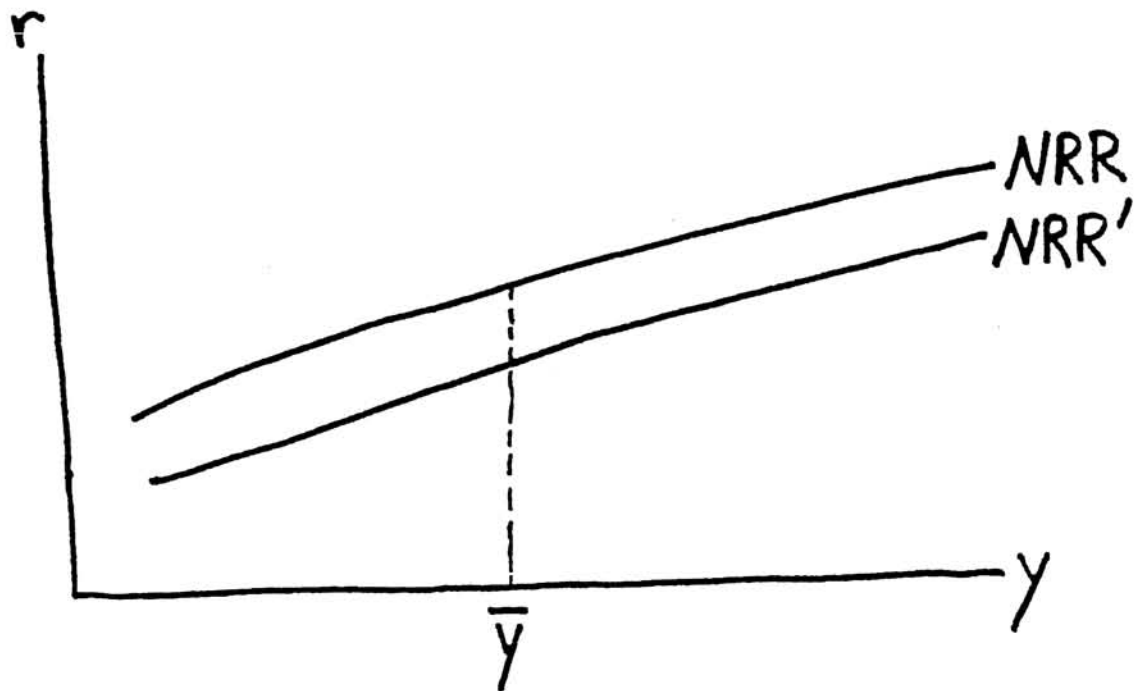


Figure 17

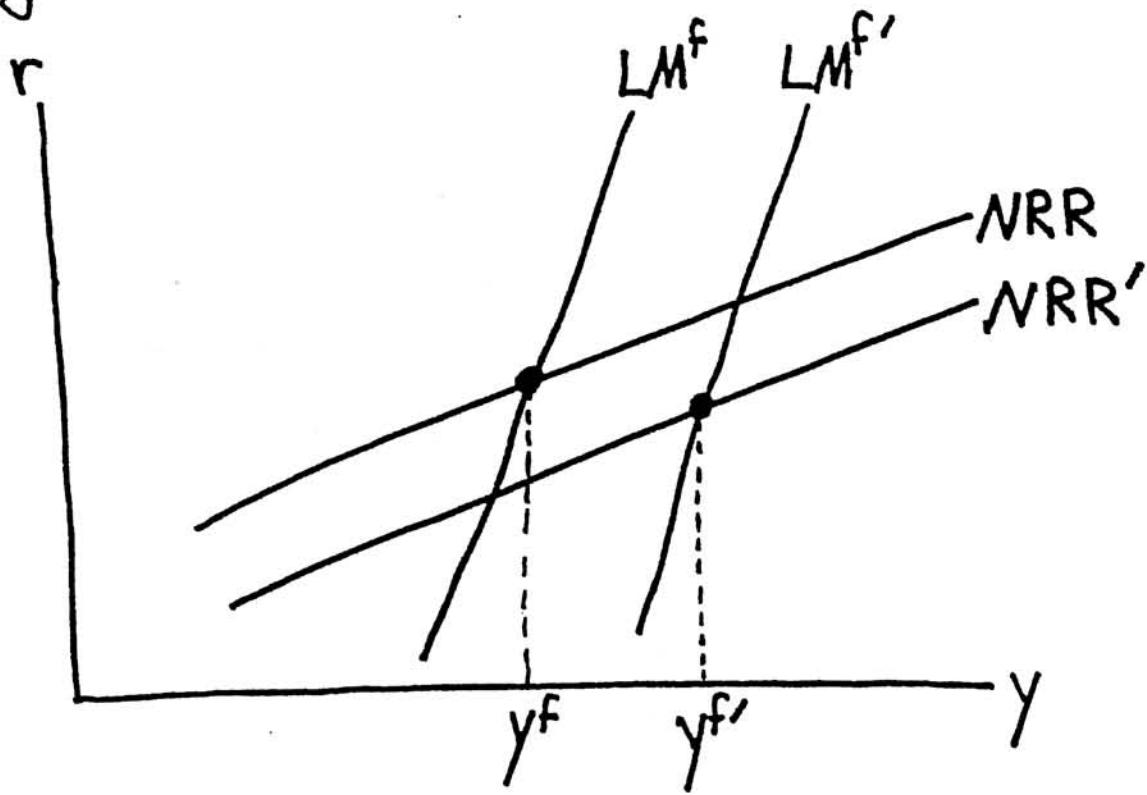


Figure 18

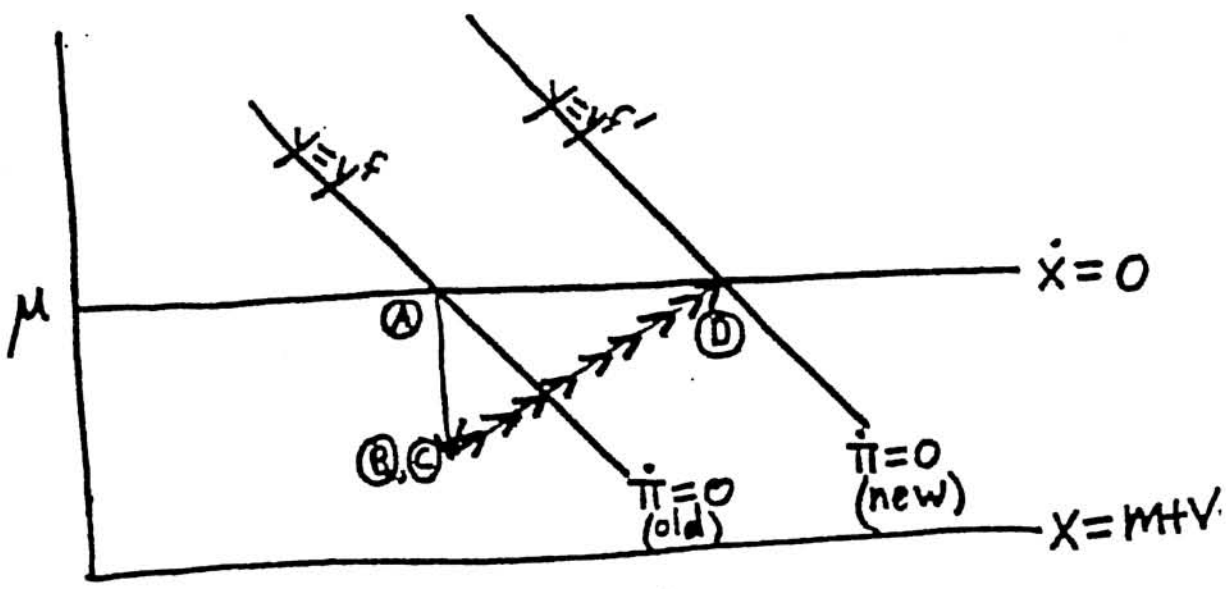


Figure 19

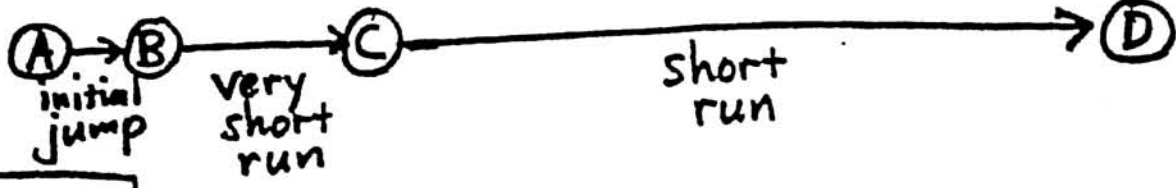
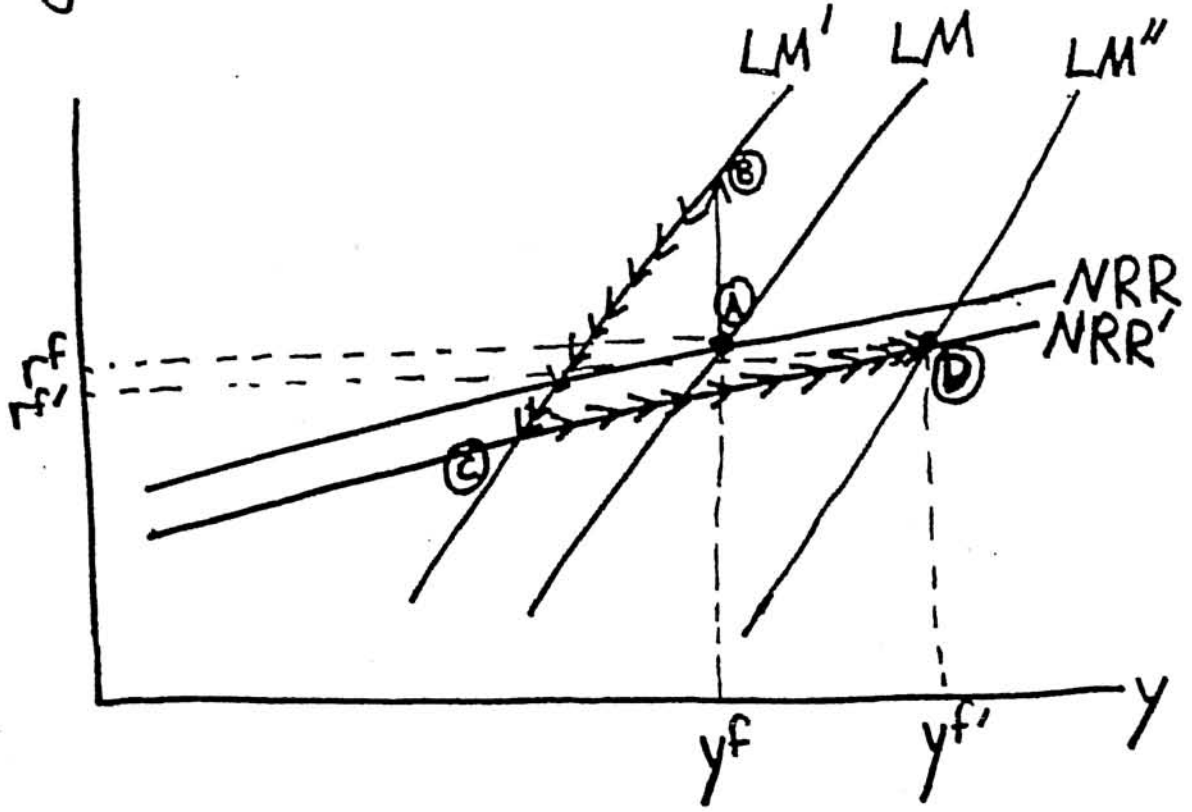


Figure 20

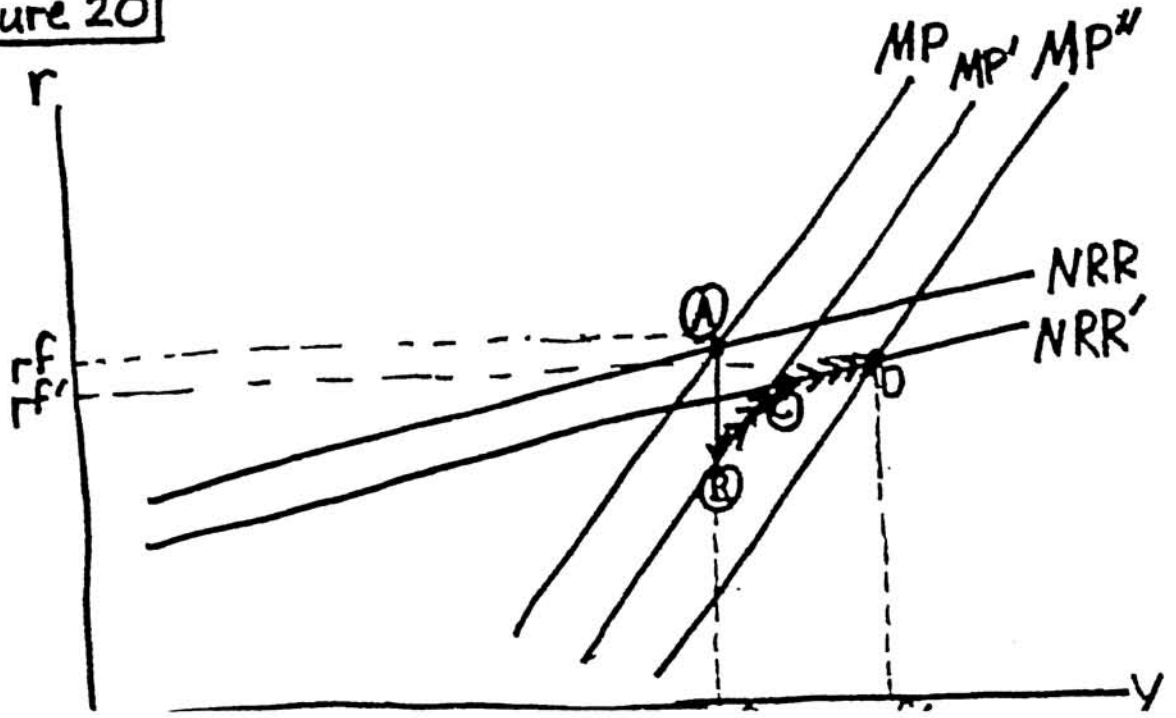


Figure 21

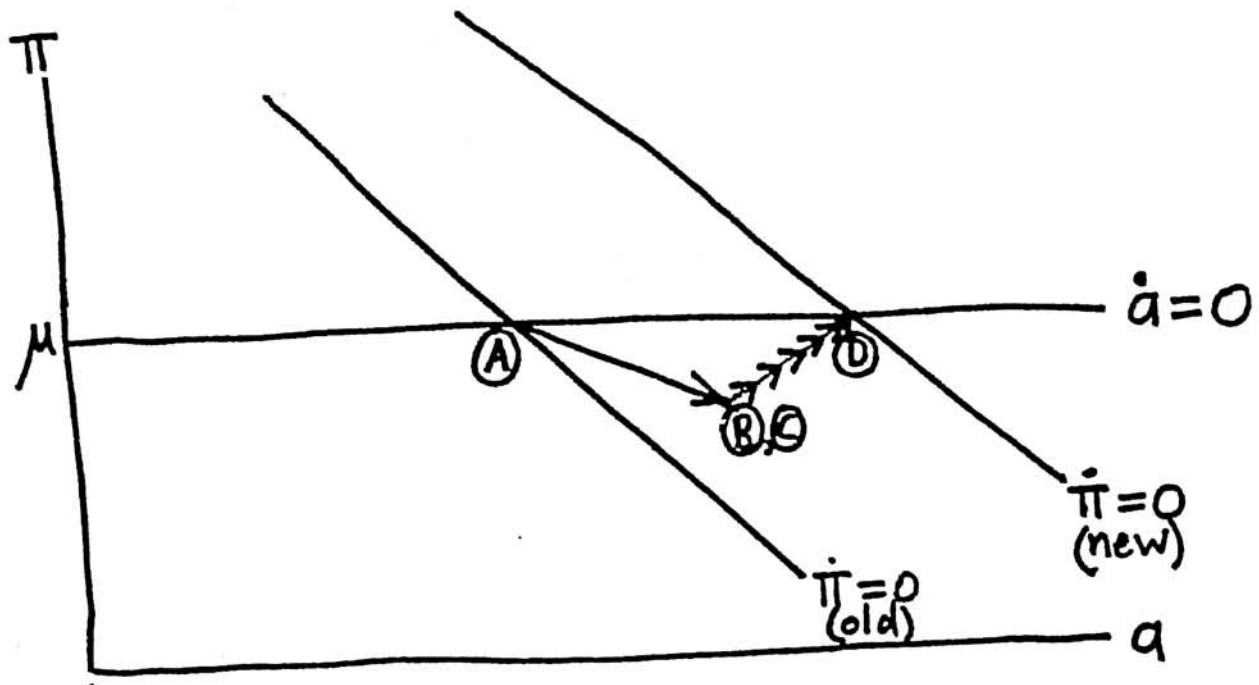


Figure 22

