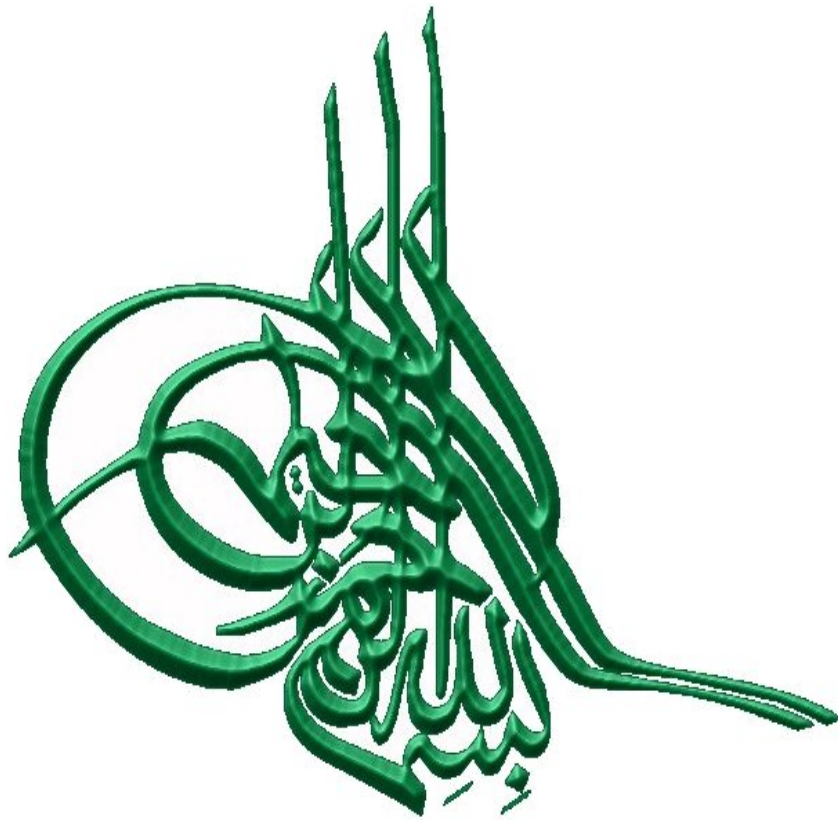


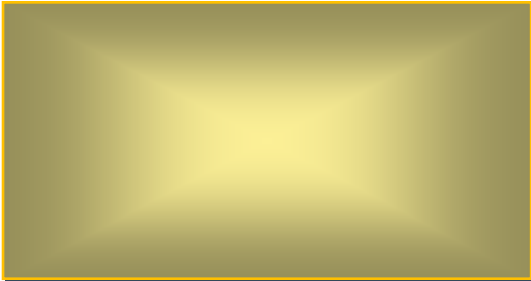
مبادئ الاقتصاد الكلي

MACROECONOMICS



2010





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" Economics

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(101)

Micro-economics

Firm

Household

(1883-1946) J.M.Keynes "

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Economic)

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1758

Say's Low

(Table

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Economic Theory

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Definitions

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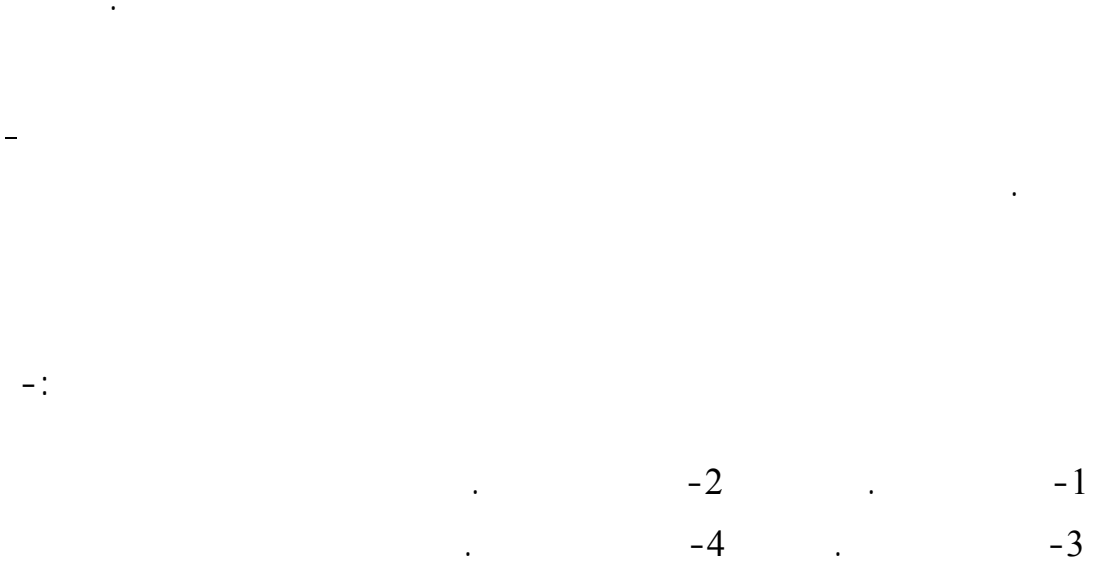
Assumptions

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Hypotheses

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" Economic Policy



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" Aggregate Demand

" Aggregate Supply

Equilibrium ."

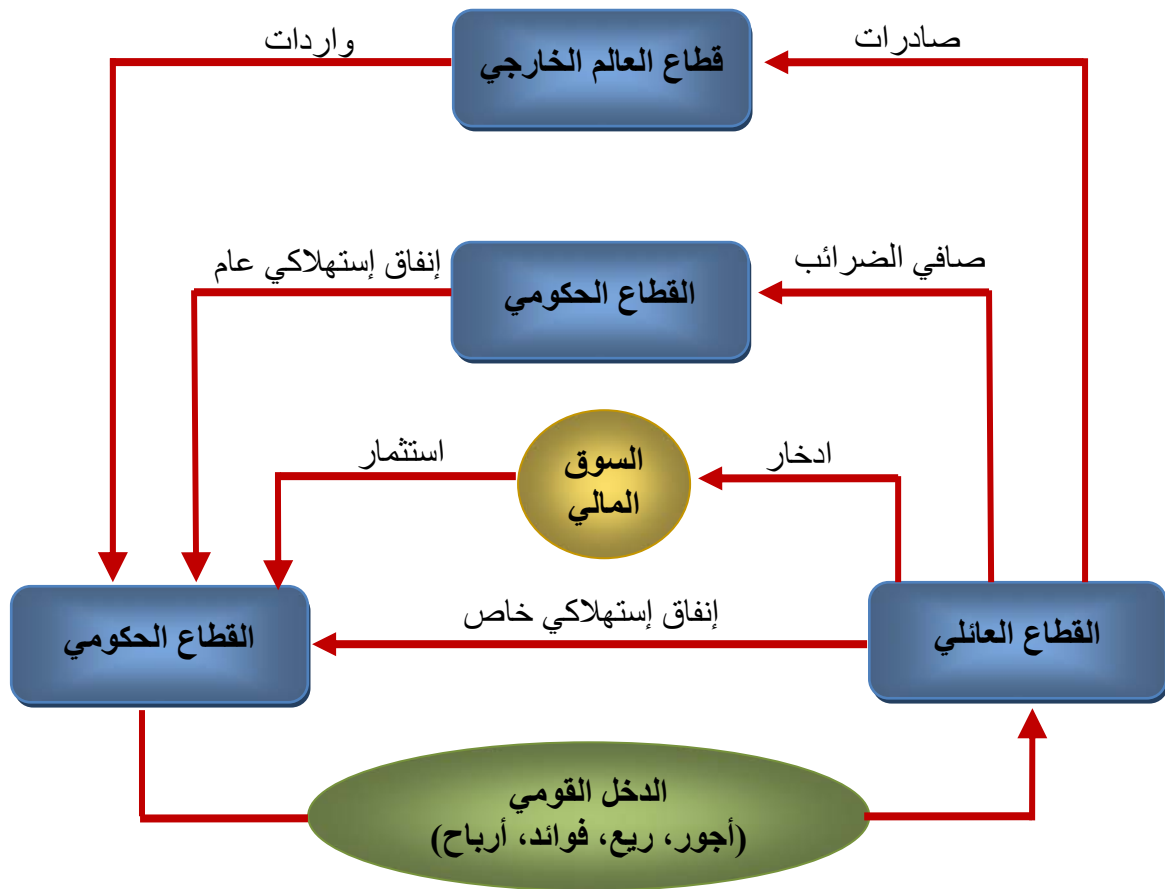
.Inflation

.(AD = AS) Depression

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Gross National Product

	Circular Flows of Income "	"
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		-1
		-2
		-3
		-4
	"	
National Income	."	"
"	Total Expenditure	."
-:	."	
	.()
	.()
		-3
		-4



-1 -:

-2

-3

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$$GNP = Q_1 * P_1 + Q_2 * P_2 + Q_3 * P_3 + \dots + Q_n * P_n$$

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" Value-Added _____ :

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$GNP = \text{Total Expenditure} = C + I_g + G + (E - M)$
 $I_g \text{ (gross investment)} = I_n \text{ (net investment)} + D \text{ (replacement of worn-out capital stock)}$
 $NE \text{ (net export)} = E \text{ (export)} - M \text{ (net import)}$

" National Income

+ + + =

$Y_N \text{ (Net Product by producer Cost)} = \text{Wages (W)} + \text{Rent (R)} + \text{Interest (i)} + \text{Profit (r)}$

- + =

Net national product = $Y_N + T_{in} + S_u$

$$GDP = NNP + D$$

: _____

:Personal Income

$$Y_P = Y_N - (\text{Corporate retained earnings} + \text{corporate income taxes} + \text{net transfer payments})$$

:Disposable Income

$$Y_d = Y_P - T_d$$

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S (Saving) = $Y_d - C$

_____ :

(GDP) . ()

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Real GDP (constant prices) = Nominal GDP (current prices) / price index number

Prices index number (PI) = (prices in successive year / prices in reference year)* 100%

$$PI = \frac{\sum P_2}{\sum P_1} \times 100\%$$

Un-weighted index number

$$\frac{\sum p_2 q_1}{\sum p_1 q_1} \times 100\% \quad " \quad " \quad -1$$

$$\frac{\sum p_2 q_2}{\sum p_1 q_2} \times 100\% \quad " \quad " \quad -2$$

$$\sqrt{\frac{\sum p_2 q_1}{\sum p_1 p_1} \times \frac{\sum p_2 q_2}{\sum p_1 q_2}} \times 100\% \quad " \quad " \quad -3$$

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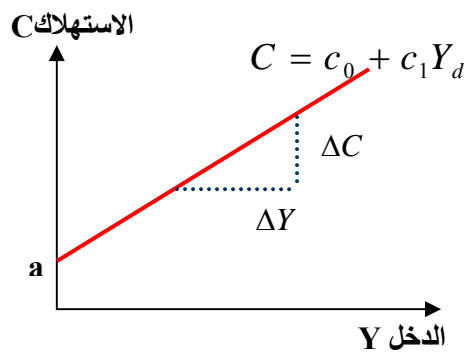
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Arithmetic Mean $\bar{P} = \frac{P_1 + P_2 + \dots + P_n}{n}$

Geometric Mean $G = \sqrt[n]{P_1 \times P_2 \times \dots \times P_n}$

" " " " " "



$$C = c_0 + c_1 Y_d$$

: C

: c₀

: c₁Y_d

Y_d

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1930

) Experimentation

(Econometrics

" Economic Model

Equations ()

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Econometric Models

Mathematical Models

Specification

Model Building

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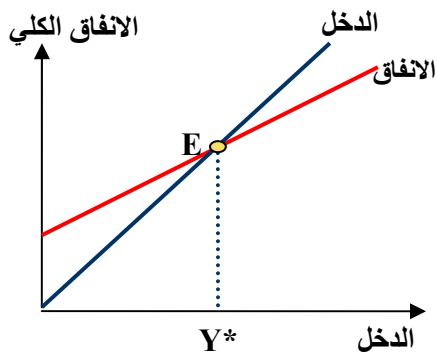
AD/AS

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IS/LM

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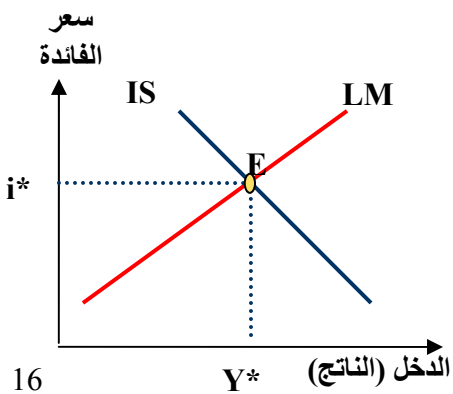
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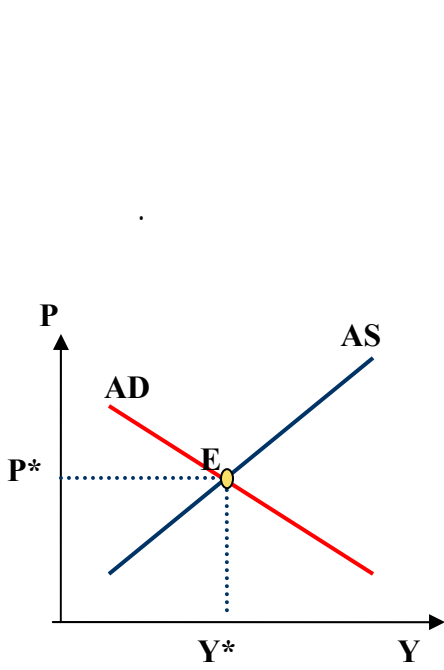
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:IS/LM -2



IS

.LM

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AD

LM

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Stagflation

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