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2009/2008 :

کلمه شکر و عرفان

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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

الإهداء

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156(1989-1967)	-2-1-1
157 (1989)	-3-1-1

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162(PIB)	-2-2-1
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18	(1-1)
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175	.(2007-2003)	(12-4)
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مقدمتہ



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- Zobir Hasan, « treatment of consumption in Islamic economics an appraisal », j.kau, Islamic econ, vol 18, n°2, (2005/1426).

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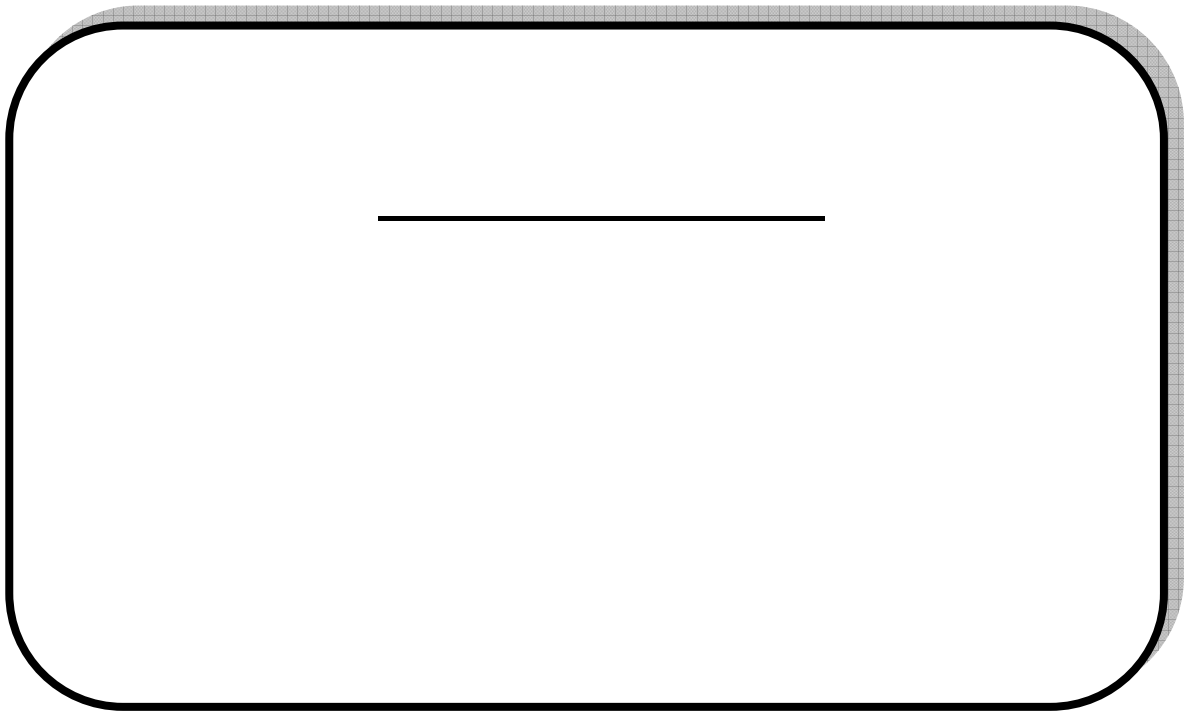
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- .267 : (24)
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- .110 : (27)
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- (101/2) (268/2) (35/1) (10/1) : (29)
- : .(161) (143/2)
- .251 - 248 (1985/ 1405 2 :) 3

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(101 96/4) (218) (5/4) (1783) (379/1) (122/1)

.251 3 : .

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.436 (1972 :) 2 (32)

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◆ □ → ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ✂ ◆ ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮ ⑯ ⑰ ⑱ ⑲ ⑳ ㉑ ㉒ ㉓ ㉔ ㉕ ㉖ ㉗ ㉘ ㉙ ㉚ ㉛ ㉜ ㉝ ㉞ ㉟ ㊱ ㊲ ㊳ ㊴ ㊵ ㊶ ㊷ ㊸ ㊹ ㊺ ㊻ ㊼ ㊽ ㊾ ㊿ ↓ :

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• ③ ဖြစ်ပွားမှုများကို “အထူးအား” ၎င်း :

• အချို့သော အချက်အလက်များကို အခြေခံအားဖြင့် အောက်ဖော်ပြပါအတိုင်း ဖော်ပြထားပါသည်။

• ① အချက်အလက်များကို အခြေခံအားဖြင့် အောက်ဖော်ပြပါအတိုင်း ဖော်ပြထားပါသည်။

• ② အချက်အလက်များကို အခြေခံအားဖြင့် အောက်ဖော်ပြပါအတိုင်း ဖော်ပြထားပါသည်။

• ③ အချက်အလက်များကို အခြေခံအားဖြင့် အောက်ဖော်ပြပါအတိုင်း ဖော်ပြထားပါသည်။

• ④ အချက်အလက်များကို အခြေခံအားဖြင့် အောက်ဖော်ပြပါအတိုင်း ဖော်ပြထားပါသည်။

• ⑤ အချက်အလက်များကို အခြေခံအားဖြင့် အောက်ဖော်ပြပါအတိုင်း ဖော်ပြထားပါသည်။

• ⑥ အချက်အလက်များကို အခြေခံအားဖြင့် အောက်ဖော်ပြပါအတိုင်း ဖော်ပြထားပါသည်။

• ⑦ အချက်အလက်များကို အခြေခံအားဖြင့် အောက်ဖော်ပြပါအတိုင်း ဖော်ပြထားပါသည်။

• ⑧ အချက်အလက်များကို အခြေခံအားဖြင့် အောက်ဖော်ပြပါအတိုင်း ဖော်ပြထားပါသည်။

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1175/424) (1793) (385-384/1) (122/1) (342/1) (1558)

(215) (181 173) (18 11-10 7/4) (314/1) (1176

(97 86 79 73 60 59 45 3096/3) (2197) (120/4)

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(1817) (125/1) (144/1) (1556) (377/1) : (81)

(225) (130/4) (215) (180) (315/1)

(22/4)

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→•*!+♠⊙○☉☼☽☾☿♁♂♆♇♈♉♊♋♌♍♎♏♐♑♒♓♔♕♖♗♘♙♚♛♜♝♞♟♠♡♢♣♤♥♦♧♨♩♪♫♬♭♮♯♰♱♲♳♴♵♶♷♸♹♺♻♼♽♾♿ⓀⓁⓂⓃⓄⓅⓆⓇⓈⓉⓊⓋⓌⓍⓎⓏⓐⓑⓓⓔⓖⓗⓘⓙⓚⓛⓞⓟⓠⓡⓢⓣⓤⓥⓦⓧⓨⓩ⓪⓫⓬⓭⓮⓯⓰⓱⓲⓳⓴⓵⓶⓷⓸⓹⓺⓻⓼⓽⓾⓿ⓀⓁⓂⓃⓄⓅⓆⓇⓈⓉⓊⓋⓌⓍⓎⓏⓐⓑⓓⓔⓖⓗⓘⓙⓚⓛⓞⓟⓠⓡⓢⓣⓤⓥⓦⓧⓨⓩ⓪⓫⓬⓭⓮⓯⓰⓱⓲⓳⓴⓵⓶⓷⓸⓹⓺⓻⓼⓽⓾⓿

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♠♡♢♣♤♥♦♧♨♩♪♫♬♭♮♯♰♱♲♳♴♵♶♷♸♹♺♻♼♽♾♿ⓀⓁⓂⓃⓄⓅⓆⓇⓈⓉⓊⓋⓌⓍⓎⓏⓐⓑⓓⓔⓖⓗⓘⓙⓚⓛⓞⓟⓠⓡⓢⓣⓤⓥⓦⓧⓨⓩ⓪⓫⓬⓭⓮⓯⓰⓱⓲⓳⓴⓵⓶⓷⓸⓹⓺⓻⓼⓽⓾⓿

♠♡♢♣♤♥♦♧♨♩♪♫♬♭♮♯♰♱♲♳♴♵♶♷♸♹♺♻♼♽♾♿ⓀⓁⓂⓃⓄⓅⓆⓇⓈⓉⓊⓋⓌⓍⓎⓏⓐⓑⓓⓔⓖⓗⓘⓙⓚⓛⓞⓟⓠⓡⓢⓣⓤⓥⓦⓧⓨⓩ⓪⓫⓬⓭⓮⓯⓰⓱⓲⓳⓴⓵⓶⓷⓸⓹⓺⓻⓼⓽⓾⓿

♠♡♢♣♤♥♦♧♨♩♪♫♬♭♮♯♰♱♲♳♴♵♶♷♸♹♺♻♼♽♾♿ⓀⓁⓂⓃⓄⓅⓆⓇⓈⓉⓊⓋⓌⓍⓎⓏⓐⓑⓓⓔⓖⓗⓘⓙⓚⓛⓞⓟⓠⓡⓢⓣⓤⓥⓦⓧⓨⓩ⓪⓫⓬⓭⓮⓯⓰⓱⓲⓳⓴⓵⓶⓷⓸⓹⓺⓻⓼⓽⓾⓿

♠♡♢♣♤♥♦♧♨♩♪♫♬♭♮♯♰♱♲♳♴♵♶♷♸♹♺♻♼♽♾♿ⓀⓁⓂⓃⓄⓅⓆⓇⓈⓉⓊⓋⓌⓍⓎⓏⓐⓑⓓⓔⓖⓗⓘⓙⓚⓛⓞⓟⓠⓡⓢⓣⓤⓥⓦⓧⓨⓩ⓪⓫⓬⓭⓮⓯⓰⓱⓲⓳⓴⓵⓶⓷⓸⓹⓺⓻⓼⓽⓾⓿

♠♡♢♣♤♥♦♧♨♩♪♫♬♭♮♯♰♱♲♳♴♵♶♷♸♹♺♻♼♽♾♿ⓀⓁⓂⓃⓄⓅⓆⓇⓈⓉⓊⓋⓌⓍⓎⓏⓐⓑⓓⓔⓖⓗⓘⓙⓚⓛⓞⓟⓠⓡⓢⓣⓤⓥⓦⓧⓨⓩ⓪⓫⓬⓭⓮⓯⓰⓱⓲⓳⓴⓵⓶⓷⓸⓹⓺⓻⓼⓽⓾⓿

♠♡♢♣♤♥♦♧♨♩♪♫♬♭♮♯♰♱♲♳♴♵♶♷♸♹♺♻♼♽♾♿ⓀⓁⓂⓃⓄⓅⓆⓇⓈⓉⓊⓋⓌⓍⓎⓏⓐⓑⓓⓔⓖⓗⓘⓙⓚⓛⓞⓟⓠⓡⓢⓣⓤⓥⓦⓧⓨⓩ⓪⓫⓬⓭⓮⓯⓰⓱⓲⓳⓴⓵⓶⓷⓸⓹⓺⓻⓼⓽⓾⓿

♠♡♢♣♤♥♦♧♨♩♪♫♬♭♮♯♰♱♲♳♴♵♶♷♸♹♺♻♼♽♾♿ⓀⓁⓂⓃⓄⓅⓆⓇⓈⓉⓊⓋⓌⓍⓎⓏⓐⓑⓓⓔⓖⓗⓘⓙⓚⓛⓞⓟⓠⓡⓢⓣⓤⓥⓦⓧⓨⓩ⓪⓫⓬⓭⓮⓯⓰⓱⓲⓳⓴⓵⓶⓷⓸⓹⓺⓻⓼⓽⓾⓿

♠♡♢♣♤♥♦♧♨♩♪♫♬♭♮♯♰♱♲♳♴♵♶♷♸♹♺♻♼♽♾♿ⓀⓁⓂⓃⓄⓅⓆⓇⓈⓉⓊⓋⓌⓍⓎⓏⓐⓑⓓⓔⓖⓗⓘⓙⓚⓛⓞⓟⓠⓡⓢⓣⓤⓥⓦⓧⓨⓩ⓪⓫⓬⓭⓮⓯⓰⓱⓲⓳⓴⓵⓶⓷⓸⓹⓺⓻⓼⓽⓾⓿

♠♡♢♣♤♥♦♧♨♩♪♫♬♭♮♯♰♱♲♳♴♵♶♷♸♹♺♻♼♽♾♿ⓀⓁⓂⓃⓄⓅⓆⓇⓈⓉⓊⓋⓌⓍⓎⓏⓐⓑⓓⓔⓖⓗⓘⓙⓚⓛⓞⓟⓠⓡⓢⓣⓤⓥⓦⓧⓨⓩ⓪⓫⓬⓭⓮⓯⓰⓱⓲⓳⓴⓵⓶⓷⓸⓹⓺⓻⓼⓽⓾⓿

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⁽⁹⁷⁾↑📀📁📂📅📆📇📈📉📊📋📌📍📎📏📐📑📒📓📔📕📖📗📘📙📚📛📜📝📞📟📠📡📢📣📤📥📦📧📨📩📪📫📬📭📮📯📰📱📲📳📴📵📶📷📸📹📺📻📼📽📾📿























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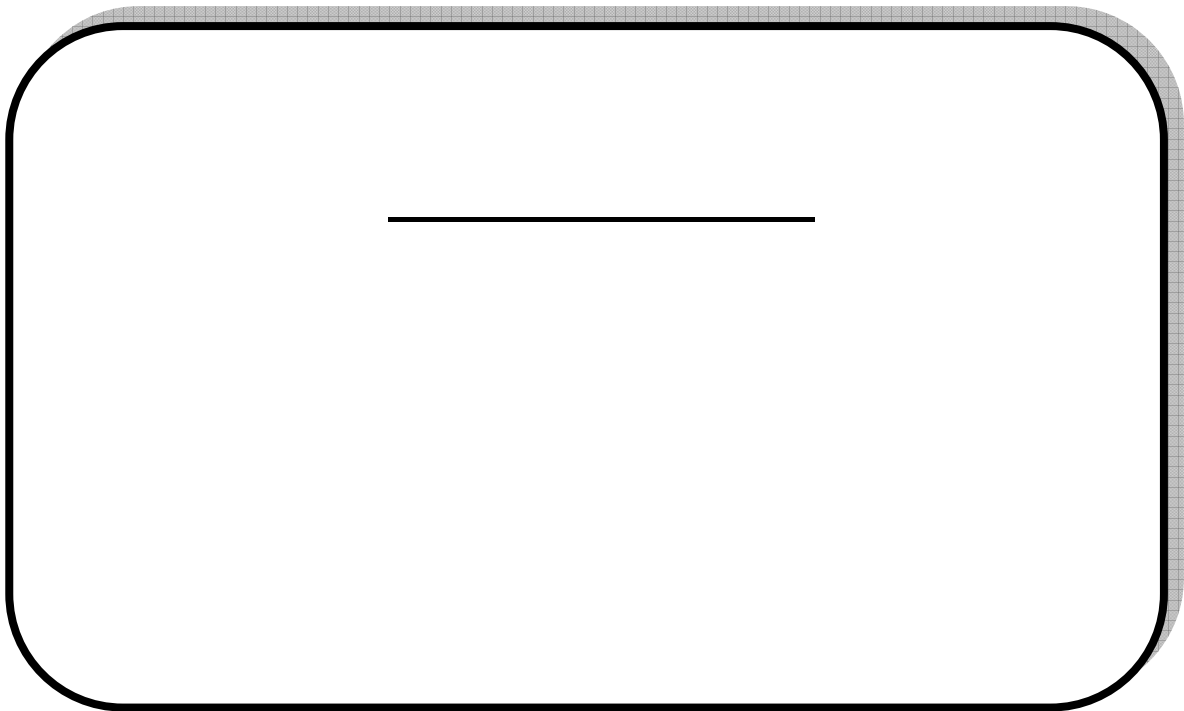
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(136)

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(136) Mohamed Haddar, Microeconomie, (Tunex: Centre publication universitaire, 2^e éd, 2006), p 71.

(137)

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(Arthers Smithies)

(James Tobin)

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:(141)

-1

0 < MPC < 1 :

-2

.MPC < APC :

-3

-4

:(142)

C = C₀ + β y_d(1)

:

:C

:C₀

:β

:Y_d

:(MPC)

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» (141)

.2008 30 : www.economics.kaau.edu.sa/dean/afadil/file.asp?ID=3464

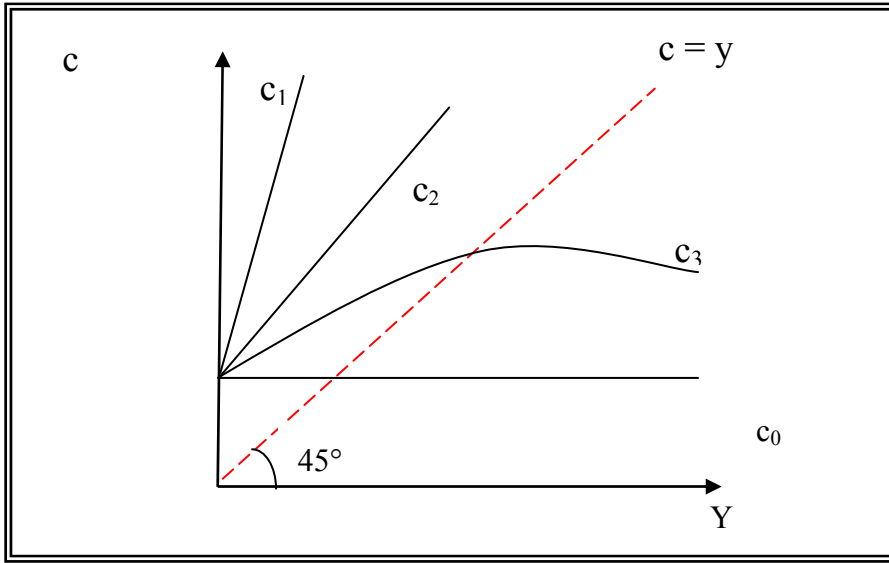
76 (1999

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(142)

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(1-2)



.()

(45)

c₃

(143)«

:(145)

(144)

$$\text{-----} = (\text{MPC})$$

$$\text{MPC} = \frac{\Delta C}{\Delta Y} :$$

:

$$\text{MPC} = \frac{\partial C}{\partial Y}$$

: (1)

$$\beta = 0$$

$$\beta = 1$$

$$1) \frac{\partial c}{\partial y} > 0 :$$

:(APC) -

-

:

$$\text{-----} = (\text{APC})$$

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(MPC)

(146)

$$\text{APC} = \frac{C}{Y} = \frac{C_0 + \beta Y}{Y} \Rightarrow \text{APC} = \frac{C_0}{Y} + \beta$$

.Propension Marginale à Consommer. (144)

(2007

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(145)

.107

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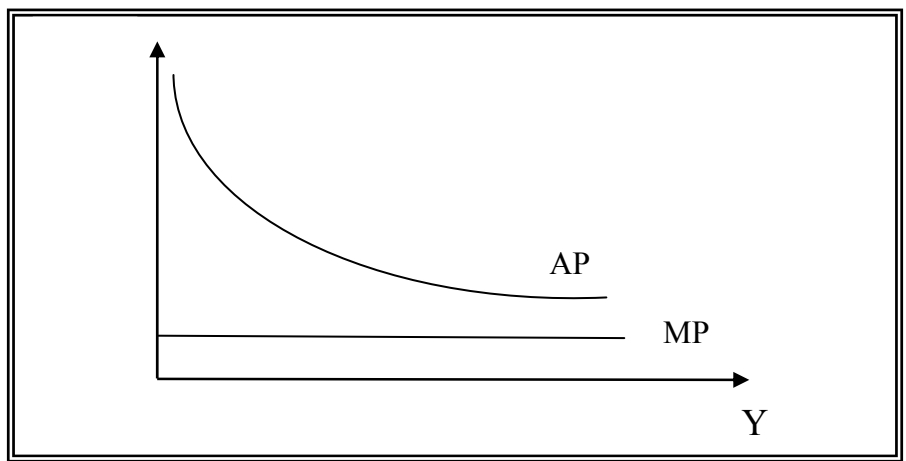
(146)

.230 (1999

:)

$$\frac{C}{Y} > \frac{\partial C}{\partial Y} : \quad APC > MPC \quad \left(\frac{C_0}{Y} \right) :$$

(2-2)



(MPC)

(MPC)

(MPC)

(MPC)

(147) ()

(148)

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$$\frac{\partial^2 C}{\partial^2 Y} < 0$$

:

(1) $C = C_0 + \beta Y$

(2) $C_0 > 0$ $1) \frac{\partial c}{\partial y} > 0$

(3) $APC > MPC$ $\frac{C}{Y} > \frac{\partial C}{\partial Y}$

(4) $\frac{\partial^2 C}{\partial^2 Y} < 0$

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-2-1-1

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"
1981

" **Sparks Fischer Dornbusch**
(1981-1966)

(150)

(148)

.1050 (1994 :) 2

(149)

.1039

(150)

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$$C = 1.22 + 0.86 Y_d$$

(C₀)

(264)

⁽¹⁵¹⁾(C₀ = 0)

(1,22)

- 1981

-1987

»

.APC = MPC :

(C₀)

⁽¹⁵³⁾« C = bY_d :⁽¹⁵²⁾

1972

(1941-1929)

$$C = 47.6 + 0.73Y_d :$$

30

(Kuznets)

(154)

(1-2)

1933 -1904	1913 -1884	1898 -1869	
0,879	0,867	0,867	

.1047 (1994

:) 2

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.1044 2

(151)

: .C = 0,87y :

1976-1940

(152)

:) 2

.119 (2003

.165 (. . :)

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(153)

.1037 2

: (154)

(155)"

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- (APC = MPC) -

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(156)

(157)

(158)

(159)

(155) Gregory Mankiw, Macroéconomie, traduction de la 5^e éd, (Américaine Parjean Havard, De Bœck, 3^e éd, 2003), pp 516-517.

.166 (156)

.167 (157)

.122 2 (158)

» : . (159)

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: **-2-1**

$$\frac{\partial^2 C}{\partial^2 Y} < 0$$

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(Duesenberry)

(Brown)

: **-1-2-1**

:(160)

(APC)

(APC)

(161)

(162)

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(163) 5000

(164)

(2005 3 :)

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(161)

.181

(162)

.137-133 (2007 1

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.1059 2

(163)

(164)

(APC)

$$C_t = (y_{t-1}, y_{t-2}, y_{t-3}, \dots, y_{t-n})$$

:(165)

$$a_n = \frac{\partial C_t}{\partial y_{t-n}}$$

$$0 < a_1 < 1$$

$$a_1 = \frac{\partial C_t}{\partial y_{t-1}}$$

C_t

$n = (1, 2, \dots, n)$

(a)

:

$$a = a_1 + a_2 + \dots + a_n$$

(a)

:(166)

$$C_t = C_0 + a_1 y_{t-1} + a_2 y_{t-2} + a_3 y_{t-3} + \dots + a_n y_{t-n}$$

$$a = a_1 + a_2 + a_3 + \dots + a_n :$$

(y)

:

$$C_t = C_0 + a y$$

$$(C_t) \tag{167}$$

$$C_t = b y_p + a y_t \tag{168}$$

:
 : y_p :
 : y_t :
 : b a

: **-2-2-1**

$$(y_p)$$

: (169)

$$\frac{s}{y} = a_0 + a_1 \frac{y}{y_p}$$

. :s : y_p : y :
 $\frac{s}{y}$
 y
 :

$$c = y - s$$

$$C = (1 - a_0)y - a_1 \frac{y^2}{y_p}$$

.121 (167)

.Income Peack (168)

.182 (169)

:(170)

$$APC = \frac{C}{Y} = (1 - a_0) - a_1 \frac{y}{y_p}$$

$$gy \quad (1+GY) \quad \frac{y}{y_p}$$

1,03

$$\frac{y}{y_p} \quad (171) \frac{0}{3}$$

$$\frac{c}{y}$$

$$\frac{y}{y_p}$$

:

$$MPC = \frac{\partial C}{\partial Y} = (1 - a_0) - 2a_1 \frac{y}{y_p}$$

:

$$c = \left(1 - a_0\right) y - a_1 \frac{y^2}{y_p} :$$

$$APC = \frac{C}{Y} = (1 - a_0) - a_1 \frac{y}{y_p} :$$

$$MPC = \frac{\partial C}{\partial Y} = (1 - a_0) - 2a_1 \frac{y}{y_p} :$$

$$) y_p > y$$

$$\frac{y}{y_p} < 1 - ($$

(y_p)

.182

(170)

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(171)

(172)"

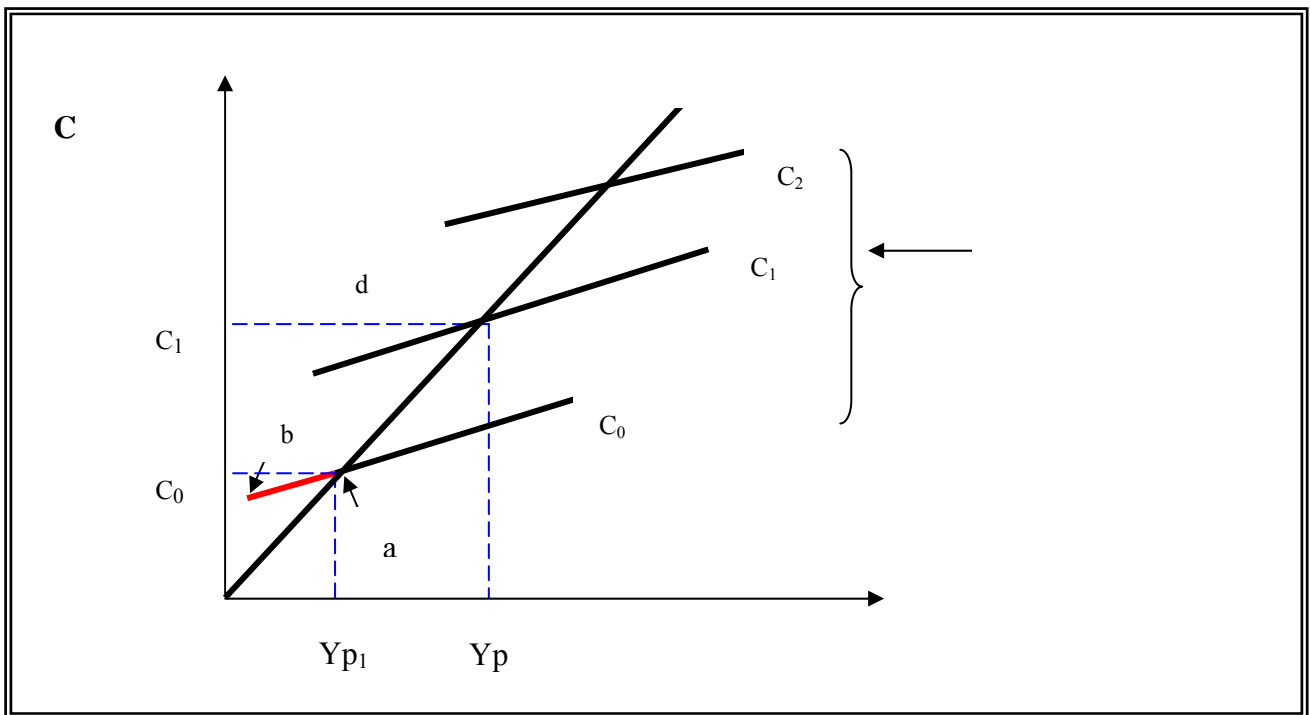
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(APC)

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(173)

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(Ratchet Effect)

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(173)

(APC = MPC)

(APC)

(a)

(Y_{p1})

(C₀)

(a-b)

-

-

(MPC)

(c₀)

(a)

(a-b)

(C₀, Y_{p1})

(d)

(Y_{p2})

(C₁)

(d)

(Y_{p2}, C₁)

" "

(174)

:(Brown)

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(174) Branson Litvack, Macroeconomics, (Harper intention, 1981), pp 197-200,

1952 (Brown)

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:(175)

.($0 < c < 1$ $0 \leq a < 1$:)

$$C_t = cy_t + a C_{t-1} + b$$

.(() : C_{t-1} : y_t : C_t

(176)

(a)

 $(C_{t-1}) -$

:

$$MPC = \frac{\partial C_t}{\partial y_t} = c$$

(t)

....(t+2) (t+1)

:(177)

$$C = cY + aC + b$$

$$(178) \left(\frac{c}{1-a} \right) :$$

(175) Patrick Villieu, Macroéconomie: consommation et épargne, (France: édition la découverte, 1997), p 22.

Effet de Mémoire (176)

(177) Patrick villieu, op. cit, p 22.

:

(178)

$$C = cY + aC + b \Rightarrow C - aC = cY + b \Rightarrow C(1-a) = cY + b \Rightarrow C = \frac{cY}{1-a} + \frac{b}{1-a} \Rightarrow mpc = \frac{c}{1-a}$$

:(179)

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(180)

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(APC)

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(179) Brown Williams, Macroeconomics, (New York prentice, Hall international editions), pp185-186.

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:(182)

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(181) Mohamed Haddar, op.cit, p 85.

(182) Ibid, pp 86-88.

$$y_t \quad \dots \quad y_2 \quad y_1 \quad \quad \quad a_0 \quad \quad -$$

$$r = 0 :$$

$$u_t(c_t) \quad \quad \quad (U)$$

$$u''(c_t) > 0, u'(c_t) < 0 : \quad U = \sum_{t=1}^T u(c_t) \quad (183)$$

$$u(c_t)$$

$$(c_t)$$

$$(\sum c_t)$$

$$(a_0 + \sum y_t)$$

$$\sum c_t \leq a_0 + \sum y_t :$$

$$\left\{ \begin{array}{l} \text{MAX } U = \sum u(c_t) \dots \dots \dots (1) \\ \text{s.c } \sum c_t \leq \sum y_t + a_0 \dots \dots \dots (2) \end{array} \right.$$

:(184)

$$L = \sum u(c_t) - \lambda (\sum c_t - \sum y_t - a_0) \dots \dots \dots (3)$$

$$: \quad c_t$$

$$\frac{\partial L}{\partial c_t} = u'(c_t) - \lambda = 0 \dots \dots \dots (4)$$

(183) David Romer, Macroéconomie approfondie, (France : MIGRAWLHILL, 1997), p 342.

$$u'(C_t) = \lambda, \forall t = 1, \dots, T \dots \dots \dots (5)$$

(5)

$$C_1 = C_2 = \dots = C_T = C \dots \dots \dots (6)$$

:

(2) (6)

$$C = \frac{1}{T}(a_0 + \sum y_t) \dots \dots \dots (7)$$

(7)

(185)

:

$$y_t = \frac{1}{T} \sum y_t + (y_t - \frac{1}{T} \sum y_t) \dots \dots \dots (8)$$

:

$$S_t = y_t - C_t = y_t - \frac{1}{T} \sum Y_t \dots \dots \dots (9)$$

(9)

-2-1-2

t₂ t₁ y₂ y₁ :

$(r \neq 0)$

$a_0 = 0$

(186)

$S = y_1 - C_1 \dots \dots \dots (10)$

$C_2 = s(1+r) + y_2 \dots \dots \dots (11)$

$C_2 = (1+r)(y_1 - C_1) + y_2 \dots \dots \dots (12)$

$(1+r)C_1 + C_2 = (1+r)y_1 + y_2 \dots \dots \dots (13)$

$C_1 + \frac{C_2}{(1+r)} = y_1 + \frac{y_2}{(1+r)} \dots \dots \dots (14)$

(186) Gregory Mankiw, op.cit, p 519.

(t = 1)

(t = 2)

$$C_1 = y_1 + \frac{y_2}{(1+r)} : \quad (t=1)$$

$$(C_2 = 0) \quad -$$

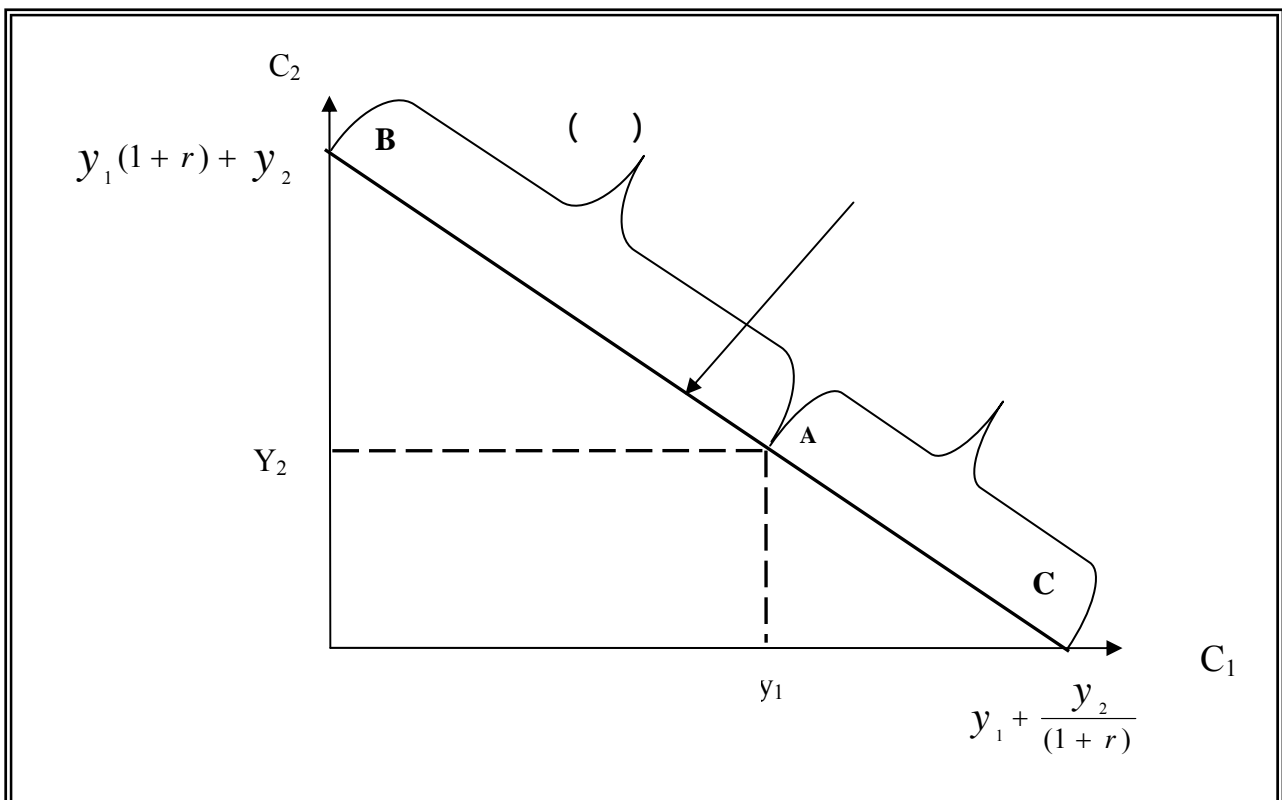
$$C_2 = y_1(1+r) + y_2 : \quad (t=2)$$

$$(C_1 = 0)$$

-(1+r) :

:

(4-2)



Gregory Mankiw, Macroéconomie, traduction de la 5e édition, (Américaine Parjean Havard, De Boeck, 3^e éd, 2003), p 521 :

(B-A)

(C-A)

(A)

(A)

$y_2 \ y_1$

(r+1)

:(187)

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(r)

(ρ)

:

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(ρ)

(1 + ρ)

(C_t)

1

(1 + ρ)

(1 + ρ)

:

$$U = \sum_{t=0}^T \frac{u(c_t)}{(1+\rho)^t} \dots\dots\dots (15)$$

(r = 0)

:

-

a_0

:

(0)

$$\sum_0^T \frac{1}{(1+r)^t} c_t \leq a_0 + \sum_0^T \frac{1}{(1+r)^t} y_t \dots\dots\dots (16)$$

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(187) Mohamed Haddar, op.cit, p 89-90.

$$\left\{ \begin{array}{l} \text{MAX } U = \sum_0^T \frac{u(c_t)}{(1+\rho)^t} \dots\dots\dots(17) \\ \text{s.c.} \sum_0^T \frac{c_t}{(1+r)^t} \leq a_0 + \sum_0^T \frac{y_t}{(1+r)^t} \dots\dots\dots(18) \end{array} \right.$$

:

$$u'(c_{t+1}) = \frac{1+\rho}{1+r} u'(c_t) \dots\dots\dots(19)$$

$$: \quad (188)'' \quad - \quad '' \quad (19)$$

$$u'(c_1) = \frac{1+r}{1+\rho} u'(c_2) \dots\dots\dots(20)$$

$$u'(c_1) \quad (20)$$

()

(1+r)

$$\cdot u'(c_2)(1+r)$$

()

(ρ)

(190)

(189)

(192)()

(r)

(191)()

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(193)

(188) Patrick Villieu, op. cit, p 27.

(σ)

(189)

ρ et r

$$\frac{c_2 - c_1}{c_1} \cong \sigma(r - \rho)$$

.Patrick Villieu, op.cit, pp 27-28. :

.rythme (190)

.subjectif (191)

.objectif (192)

.Patrick Villieu, op. cit, p 28. :

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(194)

:

(a₀)

(T)

(y)

(r = 0)

(T)

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(T)

(y+a₀)

$$C = \frac{a_0 + y}{T}$$

$$C = \frac{a_0}{T} + \frac{y}{T} :$$

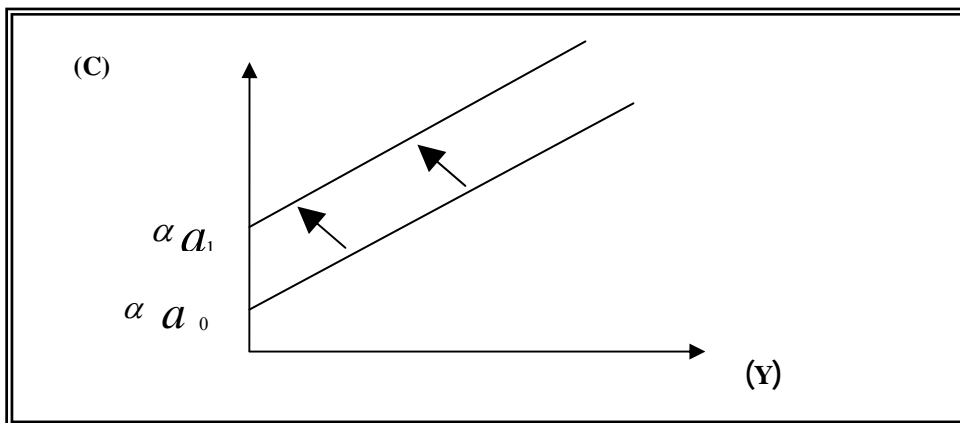
$$C = \alpha a_0 + \beta Y :$$

β

$\alpha :$

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(5-2)



.() Gregory Mankiw, op. cit, p 53 :

αa_0

.(195)

$$APC = \frac{C}{Y} = \alpha \frac{a_0}{Y} + \beta$$

-

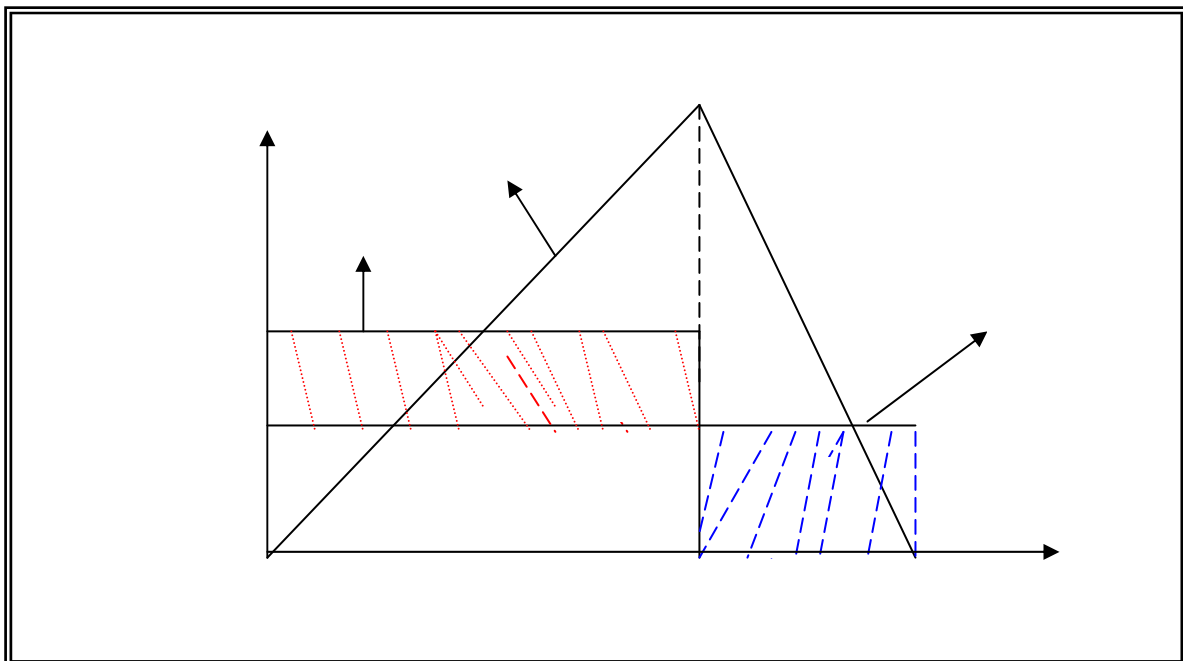
- ()

$$\left(\frac{a_0}{Y} \right)$$

$$\alpha a_1 \quad \alpha a_0$$

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(6-2)



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:(196)

$$\begin{array}{rcl}
 (L-N) & (N) & (L) & -1 \\
 (Y) & & (N) & -2 \\
 Y_1 = Y_2 = Y_3 = \dots = Y_N = Y & & & : \\
 & & & -3 \\
 C_1 = C_2 = C_3 = \dots = C_L = C & & & : \\
 & & & -4 \\
 & & & -5
 \end{array}$$

$$\begin{array}{c}
 : \\
 C \cdot L = Y \cdot N
 \end{array}$$

$$\begin{array}{c}
 : \\
 C = \left(\frac{N}{L}\right)Y : \\
 : \left(\frac{N}{L}\right) : y : C \\
 (L > N)
 \end{array}$$

(197)

$$\left(a = \frac{1}{L-A}\right)$$

		.135	2	(196)
50000	75	35	25	(197)
	40000			2000000
		$\frac{1}{40}$	$\frac{1}{50} = \frac{40.000}{2.000.000}$	

(L-A) (A) : (L)

(198)

(1 > α > 0) : (α)

⁽¹⁹⁹⁾(LIR)_t

$$C_t = \alpha (LIR)_t$$

(200)

(r) ()

$$\sum_{i=1}^{N-A-1} \frac{Y_{A+i}^e}{(1+r)^i}$$

: A :

: N

: (N-A-1)

.(Wt)

$$(LIR)_t = Y_t^L + \sum_{i=1}^{N-A-1} \frac{Y_{A+i}^e}{(1+r)^i} + w_t$$

()

(Y_t^e)

(N-A-1)

$$.Y_t^e (N-A-1) :$$

:

$$.b > 0 : Y_t^e = b Y_t^L$$

$$(LIR)_t = w_t + Y_t^L + (N - A - 1) b Y_t^L :$$

:

$$C_t = a w_t + a[1 + (N - A - 1)b]Y_t^L$$

:

$$.(w_t) \quad -1$$

$$.(Y_t^L) \quad -2$$

$$: \quad -3$$

$$.(N-A-1) \quad -$$

$$.(N) \quad -$$

$$.(b) \quad -$$

$$(N-A-1) \quad (\alpha) \quad -$$

$$.(\quad)$$

:(201)

$$C_t = 0.06 W_t + 0.7 Y_t^L$$

$$: \quad -3-2-2$$

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(202)

(α)

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1985 David Laibson

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(203) Gregory Mankiw, op.cit, p 534.

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$$Y^{(205)} = Y^P + Y^T \quad ; \quad (204) \quad (Y^T) \quad (Y^P)$$

: Y^P
: Y^T

()

:(206)

(W)

(W_h)

(204) Gregory Mankiw, op. cit, p 536.
(Measured Income)

(205)

$$:^{(207)} \quad (W_{nh}) \quad -$$

$$.(M_2) \quad -$$

$$.(\quad) \quad -$$

$$. \quad -$$

$$w = w_h + w_{nh} :$$

$$\gg \quad (\quad)$$

$$(208) \ll \quad (Y^P)$$

$$- \quad (T)$$

$$.(\quad) \quad : y_t \quad w = \sum_{t=1}^T \frac{y_t}{(1+r)^{t-1}} :$$

(209)

.(210)

$$\sum_{t=1}^{\infty} \frac{1}{(1+r)^{t-1}} = \frac{r}{1+r}$$

$$:K \quad p : \quad R = \frac{K + M + B}{P} : \quad (207)$$

$$:R (\quad) \quad :B \quad :M (\quad)$$

$$\frac{1}{P} \quad :b \quad :r : \quad \frac{B}{P} = b/r.p \quad \hat{K} = \frac{K}{P}$$

$$(r) \quad R = \hat{K} + \frac{1}{P}(M + \frac{b}{r}) : \quad (p)$$

Douglas Fisher, Théorie macroéconomique: une vie :

: d'ensemble

.22-21 2001/2000

(208) Patrick villieu, op. cit .p 29.

.Dynastique (209)

(210) Idem.

$$(r) \quad Y^P = \frac{r}{1+r} \cdot W \approx rW$$

(211)

:

$$C = C^p + C^t$$

$$C_t \rangle \langle 0 :$$

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:

$$E(y^p, y^T) = 0 \quad -1$$

$$E(C^p, C^T) = 0 \quad -2$$

$$E(C^T, y^T) = 0 \quad -3$$

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$$C^P = \alpha y^p :$$

(α)

(Y^P)

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(α)

(212)

$$C^P = \alpha(r, w, u) y^P$$

:u

:w

:r :

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(r)

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(α)

(w)

(α)

(w)

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(α) (u)

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(214)"cagan1956"

(212) Mohamed Haddar, op.cit, p 99.

(214) Patrick Villieu, op.cit, p31.

$$.1) \lambda > 0 \quad Y_t^P - Y_{t-1}^P = \lambda(Y_t - Y_{t-1}^P) \quad :$$

$$\lambda$$

λ

:

$(1 - \lambda)$

$$Y_t^P = \lambda Y_t + (1 - \lambda) Y_{t-1}^P$$

$$Y_t^P = Y_t \quad : (\quad) \quad (1 = \lambda)$$

(λ)

(λ)

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(λ)

(216)

$$Y_t^P = \lambda \sum_{i=0}^T (1 - \lambda)^i Y_{t-i}$$

:

$$C_t^P = \alpha (\lambda \sum_{i=0}^T (1 - \lambda)^i Y_{t-i})$$

:

(t)

$$Y_t^P = \lambda Y_t + \lambda \sum_{i=1}^T (1 - \lambda)^i Y_{t-i}$$

$$\lambda \sum_{i=1}^T (1 - \lambda)^i Y_{t-i}$$

$$\lambda Y_t \quad Y_{t-1}^P$$

:

$$C_t^P = \alpha \lambda Y_t + \alpha Y_{t-1}^P$$

$$Y_{t-1}^P$$

$$\lambda Y_t$$

$$(\alpha \lambda)$$

(217)

$$(\alpha)$$

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(218)

$${}^1D_{A_{t-1}} = {}^1D_{A_t} (1+r) \quad :$$

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: (w) (π)

y = π + w.....(1)

w = y - π.....(2)

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β, α

1 > β > α > 0 :

C = c(y) : (c)

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.102-101 (238)

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$$C = \alpha(\pi) + \beta(w) \dots \dots \dots (3)$$

: (2)

$$C = \alpha(\pi) + \beta(y - \pi) \Rightarrow C = \alpha(\pi) + \beta(y) - \beta(\pi)$$

$$C = \pi(\alpha - \beta) + \beta(y)$$

:(APC) (y)

$$APC = \frac{c}{y} = \frac{\pi(\alpha - \beta)}{y} + \frac{\beta y}{y} \Rightarrow APC = \frac{\pi}{y}(\alpha - \beta) + \beta$$

(APC)

($\alpha < \beta$)

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(Robert Barro)

(David Ricardo)

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(David Laibson)

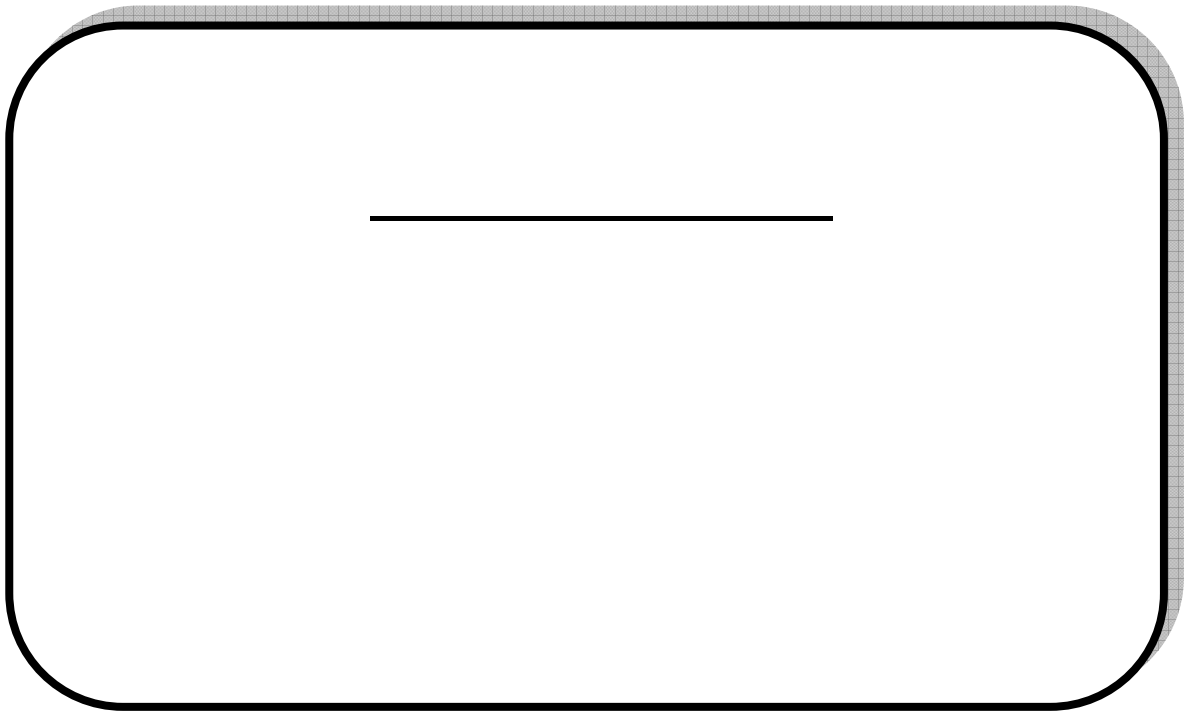
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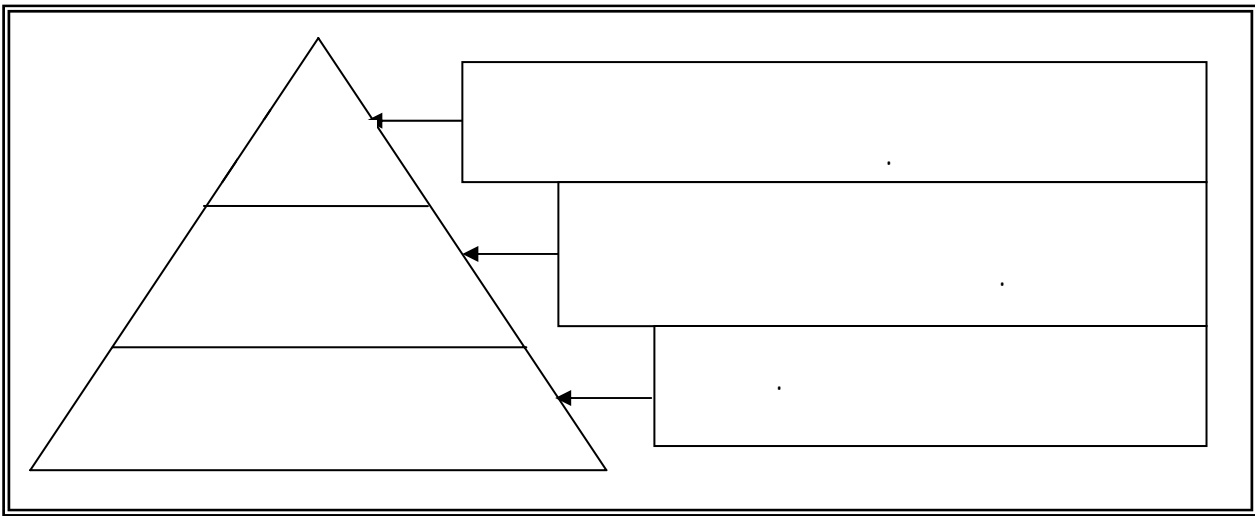
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$$Y = c + s + b$$

:b :S :C :Y

$$C = \sum_{i=1}^n q_i p_i$$

$$S = s(r_e)$$

:

$$Y = \sum_{i=1}^n q_i p_i + s(r_e) + b$$

(F)

.(I)

(M)

(F)

:(272)

$$F = f \left\{ M, S(1 + r_e) + b(I) + \sum_{i=1}^n q_i \right\}$$

:

: F

: M

$$: S(1 + r_e)$$

$$: b(I)$$

$$: \sum_{i=1}^n q_i$$

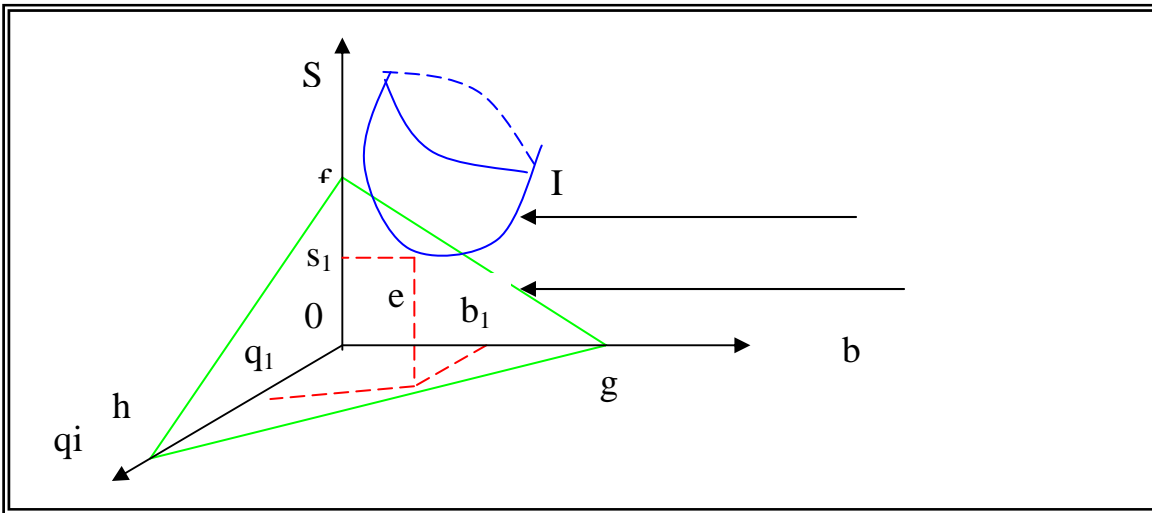
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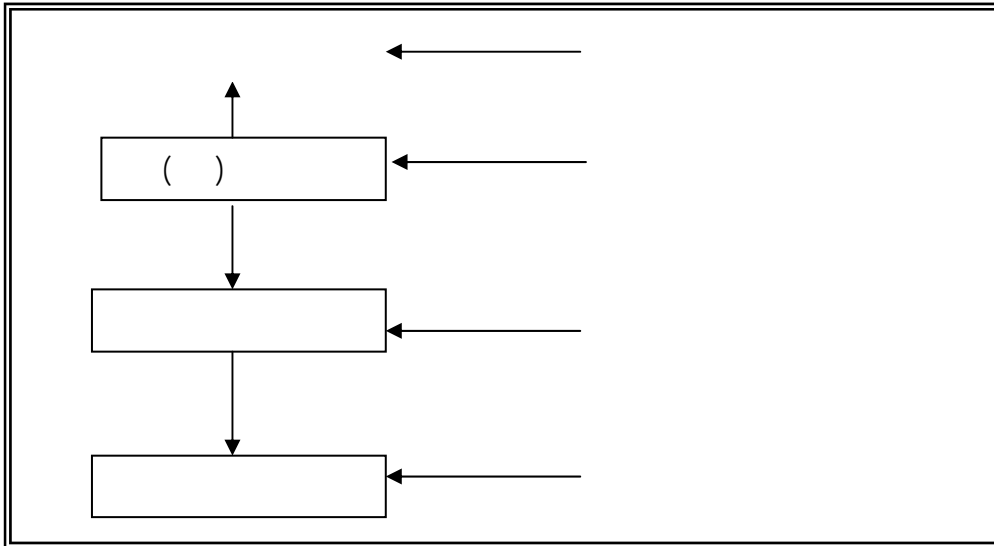
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: C = C₀ + bY_d :

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(302) Zobir Hasan, « treatment of consumption in Islamic economics an appraisal », j.kau, Islamic econ, vol 18, N°2, (2005/1426), p 35.

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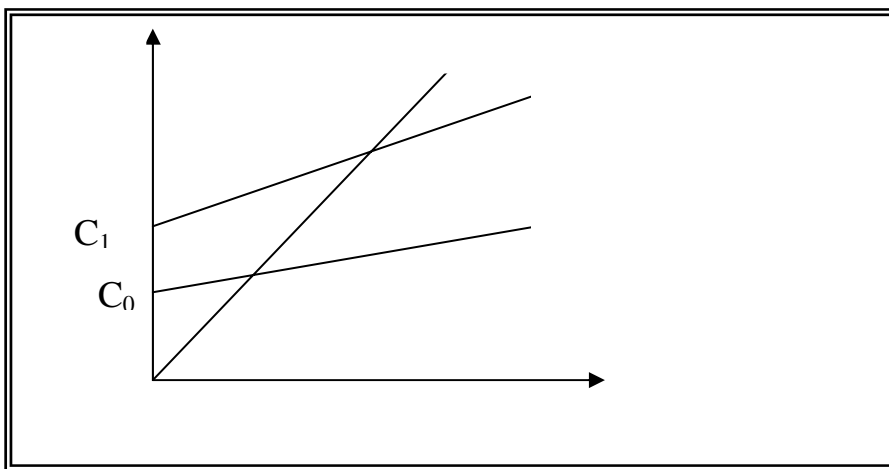
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$$C = C_1 + C_2 \quad C_2 = c_2 Y_2 \quad C_1 = c_1 Y_1$$

$$C = c_1 Y_1 + c_2 Y_2 \dots \dots \dots (1)$$

$$Y = Y_1 + Y_2$$

$$: Y_1 :$$

$$: Y_2$$

$$\lambda \quad Z$$

$$Y_2$$

$$: Y_1 \quad \lambda Z$$

$$1 > \lambda > 0 : \quad \Delta Y_1 = \lambda z \dots \dots \dots (2)$$

$$\Delta y_2 = -z \dots \dots \dots (3)$$

$$\Delta y = z (\lambda - 1) \dots \dots \dots (4)$$

$$dC = \frac{dc_1}{dy_1} dy_1 + \frac{dc_2}{dy_2} dy_2 \Rightarrow dC = \frac{\partial c}{\partial y_1} dy_1 + \frac{\partial c}{\partial y_2} dy_2$$

$$: (3) (2)$$

$$\Delta c = \left(\lambda \frac{dc_1}{dy_1} - \frac{dc_2}{dy_2} \right) z \dots \dots \dots (5)$$

$$\frac{dc_2}{dy_2} < \lambda \frac{dc_1}{dy_1}$$

$$1 > \lambda \frac{dc_1}{dy_1} : \quad 1 > \lambda$$

$$\frac{dc_2}{dy_2} > \lambda \frac{dc_1}{dy_1} :$$

$$\frac{dc_2}{dy_2} = \lambda \frac{dc_1}{dy_1} \quad -$$

$$: \quad (5) \quad 1 = \lambda \quad -$$

$$\Delta c = z \left(\frac{dc_1}{dy_1} - \frac{dc_2}{dy_2} \right)$$

$$: \quad -$$

$$: \quad (1)$$

$$APC = \frac{C}{Y} = \frac{1}{Y} [c_1(Y_1) + c_2(Y_2)]$$

$$d\left(\frac{C}{Y}\right) = \frac{\partial\left(\frac{c}{y}\right)}{\partial y_1} dY_1 + \frac{\partial\left(\frac{C}{Y}\right)}{\partial Y_2} dY_2 + \frac{\partial\left(\frac{C}{Y}\right)}{\partial Y} dY$$

$$d\left(\frac{C}{Y}\right) = \frac{1}{y} \left(\frac{dc_1}{dy_1} dY_1 + \frac{dc_2}{dy_2} dY_2 \right) + (c_1 + c_2) \left(\frac{1}{y^2} \right) dY$$

$$: \quad (5) \quad (3) \quad (2) \quad (1)$$

$$\Delta\left(\frac{C}{Y}\right) \approx \frac{1}{y} \left(\lambda z \frac{dc_1}{dy_1} - z \frac{dc_2}{dy_2} \right) + (1 - \lambda) z \left(\frac{c}{y^2} \right)$$

$$\Delta\left(\frac{C}{Y}\right) \approx \left[\left(\lambda \frac{dc_1}{dy_1} - \frac{dc_2}{dy_2} \right) + (1 - \lambda) \frac{c}{y} \right] \frac{z}{y} \dots\dots\dots(6) \quad :$$

$$(6)$$

$$: \quad \left(\lambda \frac{dc_1}{dy_1} - \frac{dc_2}{dy_2} \right) \quad -$$

$$(1-\lambda) \frac{C}{Y} < \left| \left(\lambda \frac{dc_1}{dy_1} - \frac{dc_2}{dy_2} \right) \right|$$

$$: \quad (5) \quad 1 = \lambda \quad -$$

$$\Delta\left(\frac{C}{Y}\right) \approx \left(\frac{dc_1}{dy_1} - \frac{dc_2}{dy_2} \right) \frac{z}{y}$$

$$: \quad -$$

$$\frac{dc}{dy} = \frac{dc_1}{dy_1} \frac{dy_1}{dy} + \frac{dc_2}{dy_2} \frac{dy_2}{dy}$$

$$d\left(\frac{dc}{dy}\right) = \frac{d}{dy_1} \left(\frac{dc_1}{dy_1} \frac{dy_1}{dy}\right) dy_1 + \frac{d}{dy_2} \left(\frac{dc_2}{dy_2} \frac{dy_2}{dy}\right) dy_2$$

: (3) (2)

$$\Delta\left(\frac{dc}{dy}\right) \approx \left[\frac{d}{dy_1} \left(\frac{dc_1}{dy_1} \cdot \lambda \frac{dy_1}{dy}\right) - \frac{d}{dy_2} \left(\frac{dc_2}{dy_2} \cdot \frac{dy_2}{dy}\right) \right] z$$

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(313) Munawar Iqbal, « Zakah, Moderation and Aggregate Consumption in An Islamic Economy », J. Res. Islamic Econ, Vol 3, N° 1, (1405/1985), p 50

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$$M_1 = M_0 - zM_0 \Rightarrow M_1 = M_0(1 - z)$$

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$$M_2 = M_1 - zM_1 \Rightarrow M_2 = M_1(1 - z) \Rightarrow M_2 = M_0(1 - z)^2$$

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$$M_3 = M_0(1 - z)^3, M_4 = M_0(1 - z)^4, \dots \dots \dots M_n = M_0(1 - z)^n$$

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$$M_0 > M_1 > M_2 > M_3 > M_4 > \dots \dots \dots > M_n$$

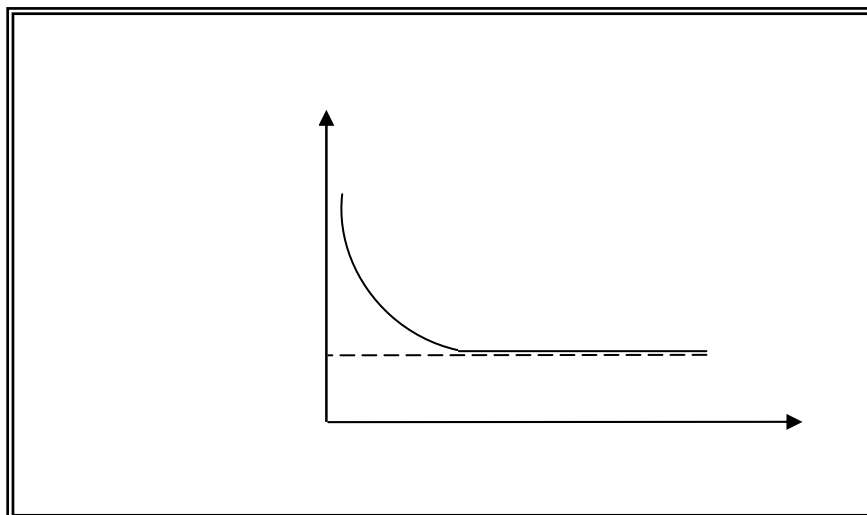
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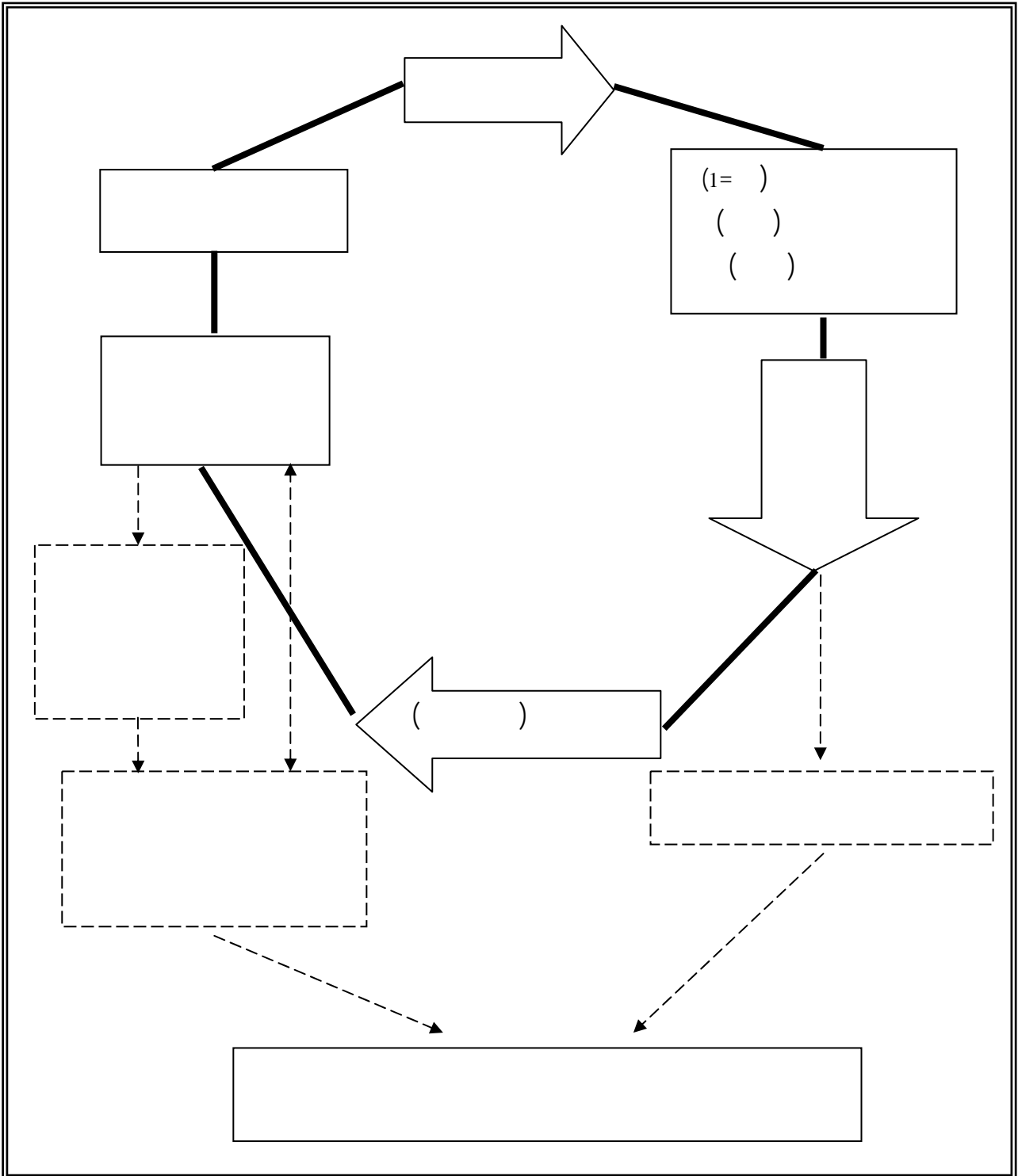
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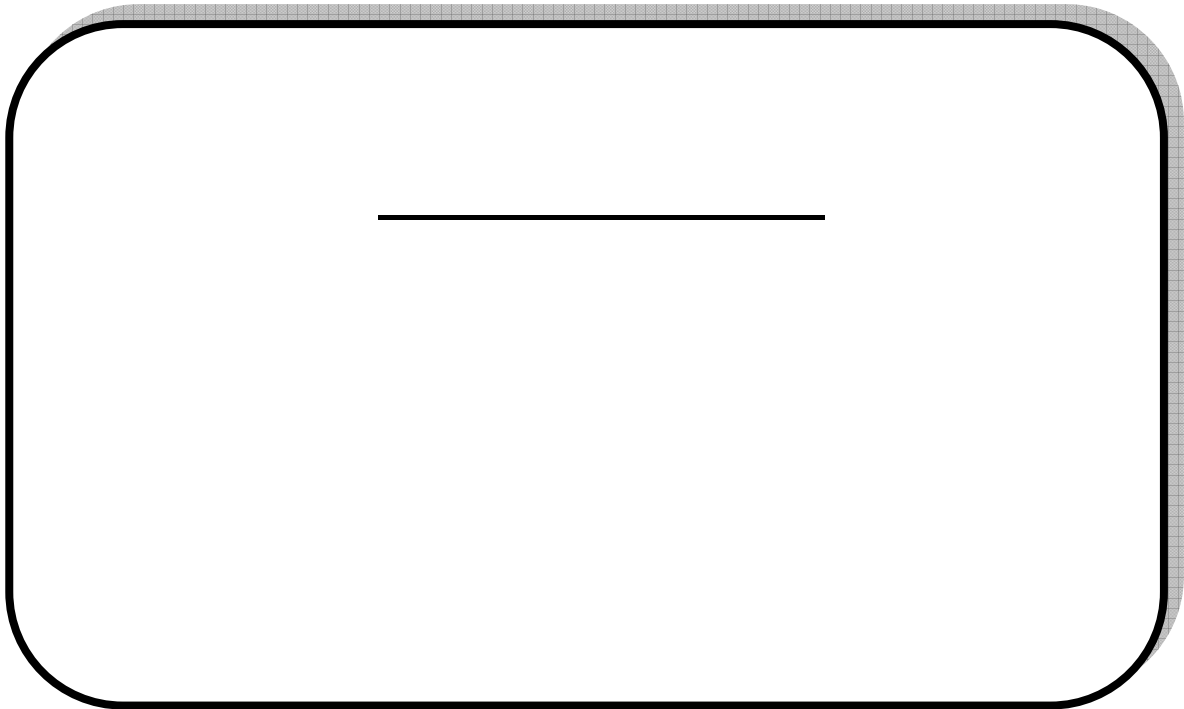
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(%)	(%)	()	1989 :	()	
-	-	61698,15668	21,7	13388,5	1970
1,94	4,76	62899,10314	22,3	14026,5	1971
14,59	19,21	72076,72414	23,2	16721,8	1972
-0,74	6,09	71536,69355	24,8	17741,1	1973
31,15	34,85	93821,56863	25,5	23924,5	1974
13,59	23,39	106579,0614	27,7	29522,4	1975
6,37	15,20	113368,3333	30	34010,5	1976
12,96	25,39	128066,0661	33,3	42646	1977
-1,03	14,41	126735,5844	38,5	48793,2	1978
4,37	15,21	132274,3529	42,5	56216,6	1979
10,49	20,63	146156,25	46,4	67816,5	1980
8,76	24,70	158966,7293	53,2	84570,3	1981
3,15	9,55	163979,646	56,5	92648,5	1982
4,91	11,22	172033,389	59,9	103048	1983
9,77	18,75	188847,2222	64,8	122373	1984
0,89	11,48	190534,9162	71,6	136423	1985
-0,64	11,56	189297,2637	80,4	152195	1986
-8,36	-1,53	173456,0185	86,4	149866	1987
31,60	39,37	228279,7814	91,5	208876	1988
12,69	23,16	257270	100	257270	1989
0,56	18,56	258729,4317	117,9	305042	1990
6,79	34,42	276314,0162	148,4	410050	1991
-0,19	31,40	275765,0972	195,4	538845	1992
-1,59	18,59	271366,4544	235,5	639068	1993
0,25	29,36	272048,3712	303,9	826755	1994
2,80	33,42	279686,0801	394,4	1103081,9	1995
0,77	19,60	281861,3971	468,1	1319393,2	1996
1,19	6,99	285243,3825	494,9	1411669,5	1997
3,37	8,488	294860,0116	519,4	1531502,9	1998
4,46	7,23	308015,4726	533,2	1642338,5	1999
4,02	4,37	320408,972	535	1714188	2000
3,42	7,79	331372,1664	557,6	1847731,2	2001
6,10	7,60	351604,6154	565,5	1988324,1	2002
4,18	6,87	366312,9288	580,1	2124981,3	2003
7,64	11,48	394321,3549	600,8	2369082,7	2004
5,86	7,59	417461,6443	610,6	2549020,8	2005
2,87	5,48	429477,2477	626,09	2688914,1	2006

- Rétrospective statistique 1970-2002, ons.

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- Comptes économiques 1963-2006, ons.

- www.ons.dz.com

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(2006-1971)

(% :)

2006 -1999	1998 -1994	1993 -1986	1985 -1980	1979 -1971	
7,30	19,57	21,95	16,05	17,61	
4,82	1,68	5,11	6,33	9,24	

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(2006-1970)

(%)	(%)	(PIBr) ()	(1989 :)	(PIBn) ()	
-	-	157335.2941	15,30	24072,3	1970
-11,50	3,53	139233.5196	17,90	24922,8	1971
27,73	22,02	177854.9708	17,10	30413,2	1972
4,01	13,74	184989.8396	18,70	34593,1	1973
7,26	60,61	198431.7857	28,00	55560,9	1974
5,18	10,82	208725.0847	29,50	61573,9	1975
8,53	20,30	226529.3578	32,70	74075,1	1976
5,22	17,77	238362.0219	36,60	87240,5	1977
9,13	20,16	260128.0397	40,30	104831,6	1978
7,39	22,31	279352.0697	45,90	128222,6	1979
0,81	26,73	281641.5945	57,70	162507,2	1980
3,00	17,82	290103.7879	66,00	191468,5	1981
6,46	8,40	308856.994	67,20	207551,9	1982
5,40	12,62	325560.0279	71,80	233752,1	1983
5,52	12,87	343562.3698	76,80	263855,9	1984
5,43	10,51	362232.5466	80,50	291597,2	1985
1,19	1,69	366565.3894	80,90	296551,4	1986
-0,80	5,44	363611.7442	86,00	312706,1	1987
1,94	11,19	370700.3198	93,80	347716,9	1988
13,85	21,37	422043	100,00	422043	1989
0,84	31,35	425592.3704	130,26	554388,1	1990
1,11	55,51	430355.78	200,33	862132,8	1991
2,23	24,65	439992.6161	244,25	1074696	1992
-2,57	10,70	428678.5202	277,53	1189725	1993
-3,14	25,02	415210.7629	358,23	1487404	1994
4,83	34,79	435295.4752	460,61	2004994,7	1995
3,56	28,18	450820.9213	570,08	2570028,9	1996
1,53	8,17	457749.6909	607,36	2780168	1997
6,26	1,81	486433.5423	581,89	2830490,7	1998
3,65	14,40	504210.1834	642,23	3238197,5	1999
2,69	27,33	517803.4891	796,35	4123513,9	2000
-0,10	2,51	517259.7067	817,21	4227113,1	2001
5,86	6,97	547616.2853	825,72	4521773,3	2002
7,23	16,04	587249.0971	893,57	5247482,8	2003
3,89	16,93	610144.3842	1005,65	6135917	2004
6,35	22,94	648898.5962	1162,58	7543965,3	2005
2,79	12,14	667005.6605	1268,43	8460499,9	2006

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2006 -1999	1998 -1994	1993 -1986	1985 -1980	1979 -1971	
14,91	19,60	20,24	14,83	21,25	.
4,05	2,61	2,22	4,44	6,99	

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1978	1977	1976	1975	1974	1973	1972	1971	1970	
15,61	11	8,30	8,63	2,82	6,90	4,03	2,76	4,8	

1987	1986	1985	1984	1983	1982	1981	1980	1979
7,46	12,29	10,49	8,18	6,02	6,20	14,65	9,18	10,39

1996	1995	1994	1993	1992	1991	1990	1989	1988
18,69	29,78	29,04	20,52	31,67	25,87	17,90	9,29	5,90

2006	2005	2004	2003	2002	2001	2000	1999	1998	1997
2,54	1,63	3,55	2,58	1,42	4,22	0,34	2,66	4,95	5,72

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2006-1999	1998-1994	1993-1986	1985-1980	1979-1971	
2,37	17,64	16,36	9,12	7,52	(%)

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(349) Hocine BENISSAD, Algérie de la planification socialiste à l'économie de marché, ENAG éditions, Alger, Algérie, 2004, pp 66-67.

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M₂

$(\%) \frac{M_2}{P}$	M ₂ (%)	() $\frac{M_2}{P}$	() M ₂	
-	-	60,3686636	13,1	1970
3,25	6,10	62,3318386	13,9	1971
25,16	30,21	78,0172414	18	1972
5,43	12,7	82,2580645	20,4	1973
22,99	26,47	101,176471	25,8	1974
20,24	30,62	121.66065	33,7	1975
19,45	29,37	145.333333	43,6	1976
7,44	19,26	156.156156	52	1977
12,27	29,80	175.324675	67,5	1978
6,96	18,07	187.529412	79,7	1979
7,45	17,31	201.508621	93,5	1980
1,86	16,79	205.263158	109,2	1981
18,90	26,28	244.070796	137,9	1982
13,47	20,30	276.961603	165,9	1983
8,48	17,35	300.462963	194,7	1984
4,07	14,99	312.709497	223,9	1985
-9,71	1,38	282.338308	227	1986
5,72	13,61	298.49537	257,9	1987
7,27	13,60	320.218579	293	1988
-3,78	5,15	308.1	308,1	1989
-5,49	11,42	291.178965	343,3	1990
-4,02	20,79	279.447439	414,7	1991
-3,06	27,63	270.880246	529,3	1992
1,76	22,65	275.66879	649,2	1993
-12,46	12,95	241.296479	733,3	1994
-15,86	9,19	203.017241	800,7	1995
-3,62	14,38	195.66332	915,9	1996
12,14	18,56	219.418064	1085,9	1997
13,32	18,93	248.652291	1291,5	1998
10,75	13,69	275.393848	1468,4	1999
12,79	13,17	310.635514	1661,9	2000
19,71	24,77	371.879484	2073,6	2001

34,90	36,82	501.697613	2837,1	2002
13,05	15,97	567.21255	3290,4	2003
7,43	11,26	609.370839	3661,1	2004
1,97	3,64	621.421553	3794,4	2005
17,89	20,88	732.610328	4586,8	2006

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http://www.sesrtcic.org/stat_database_ar.php

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(8-4)

(2006-1971)

(% :)

2006-1999	1998-1994	1993-1986	1985-1980	1979-1971	
17,52	14,80	14,53	18,84	22,51	
14,81	-1,30	-1,41	9,04	13,69	$\frac{M}{P}$

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(8-4)

(1979 - 1971)

(%22,51)

.(%18,84)

(352)

(1993-1986)

(14,53%)

(1998-1994)

(%14.80)

(1998-1986)

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%14 %21

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(353) (

1986

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1990

1986

(1998-1986)

(2006 -1999)

(2004 -2001)

(%17,52)

(2005)

(8-4)

(%13,69)

(%9,04)

(%9,12)

(%7,52)

(%1,37-)

.(%17)

-1999)

(16,18)

(2006

.(%2,37)

:

-2-3-1

:

(9-4)
(2006-1970)

(%)	()	
-	13309	1970
3.23	13739	1971
3.14	14171	1972
3.37	14649	1973
3.51	15164	1974
3.98	15768	1975
4.32	16450	1976
3.69	17058	1977
3.17	17600	1978
2.95	18120	1979
3.01	18666	1980
3.19	19262	1981
3.22	19883	1982
3.21	20522	1983
3.23	21185	1984
3.20	21863	1985
2.96	22512	1986
2.78	23139	1987
2.78	23783	1988
2.63	24409	1989
2.51	25022	1990
2.48	25643	1991
2.44	26271	1992
2.38	26897	1993
2.22	27496	1994
2.05	28060	1995
1.80	28566	1996
1.67	29045	1997
1.59	29507	1998
1.55	29965	1999
1.50	30416	2000
1.52	30879	2001
1.54	31357	2002
1.56	31848	2003
1.62	32364	2004
1.67	32906	2005
1.68	33462	2006

-

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(10-4)
(2006-1971)

2006-1999	1998-1994	1993-1986	1985-1980	1979-1971	
1,58	1,53	2,62	3,18	3,5	(%)

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(10 -4)

3,5%

.%3.18

0,32

(4-4)

%6,99 (1979-1971)

%4,44

% 2,62

%2,22

% 1,58 %1,53

.%4,05 %2,61

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(354)

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-3-3-1

(355)

.(14-4)

(354)

(355)

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(11-4)

(1993 -1970)

(% :)

1980	1979	1978	1977	1976	1975	1974	1973	1972	1971	1970	
2,75	2,75	2,75	2,75	2,75	2,75	2,75	2,75	2,75	2,5	2,5	..

1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981
11	10,5	8,75	6	5	5	2,75	2,75	2,75	2,75	2,75	2,75

2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993
4	4,5	5,5	6	6	8,5	9,5	11	13	14	15	11

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(1986 -1970)

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%2,75

(1972)

(356)

%5

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1995

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(357)

1997

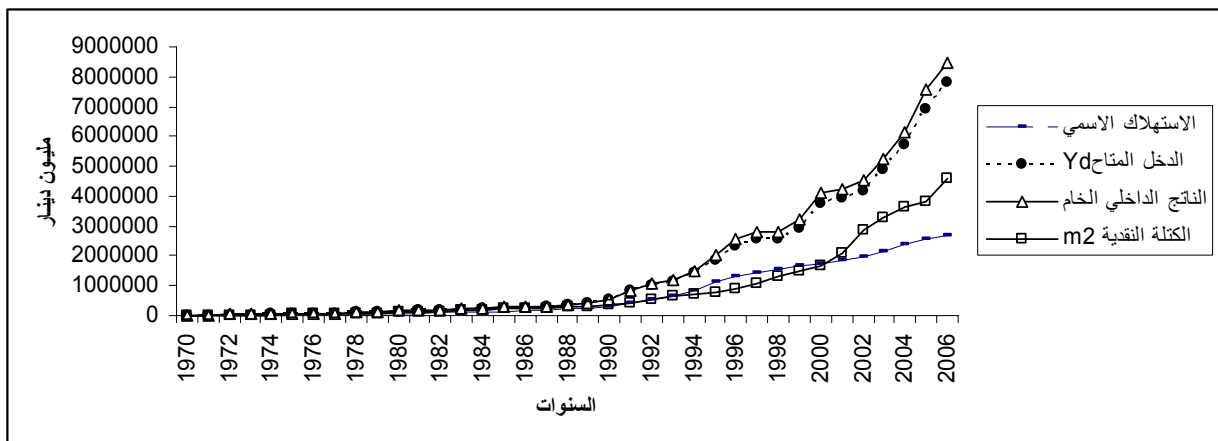
-4-1

-1-4-1

(2006 - 1970)

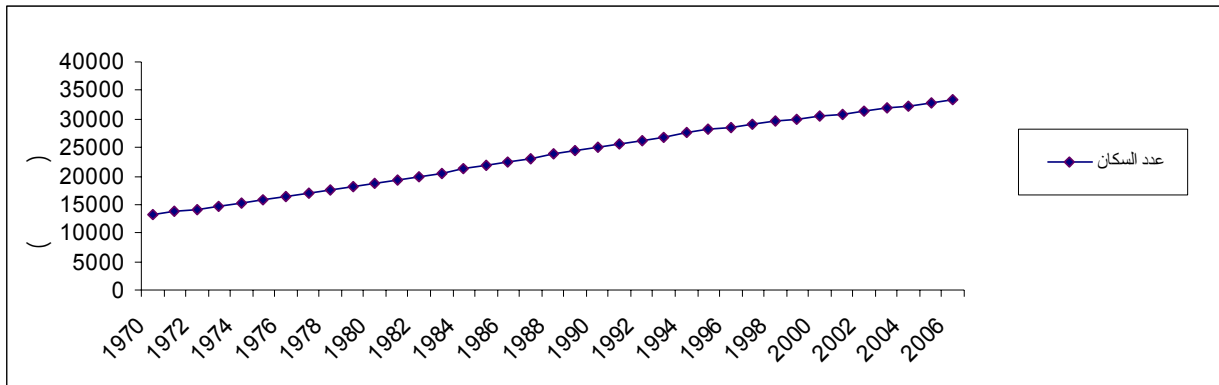
(1-4)

(2006-1970)



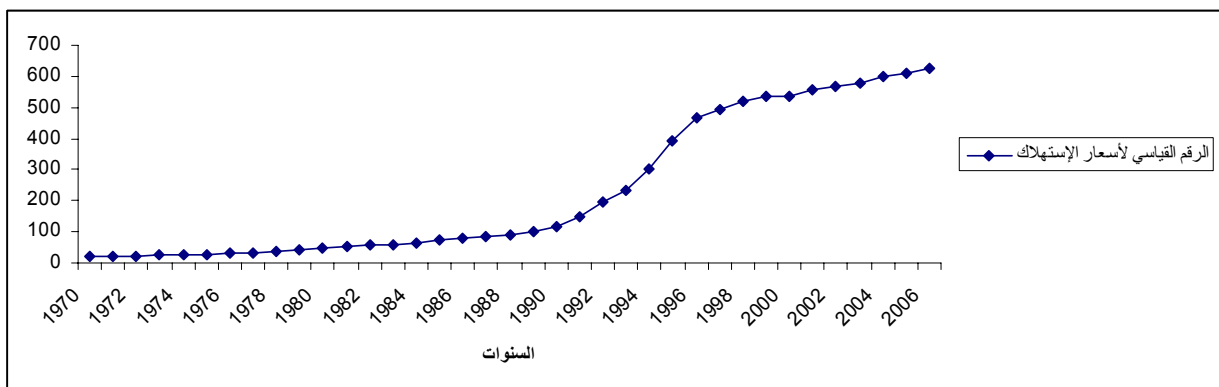
(2-4)

(2006-1970)



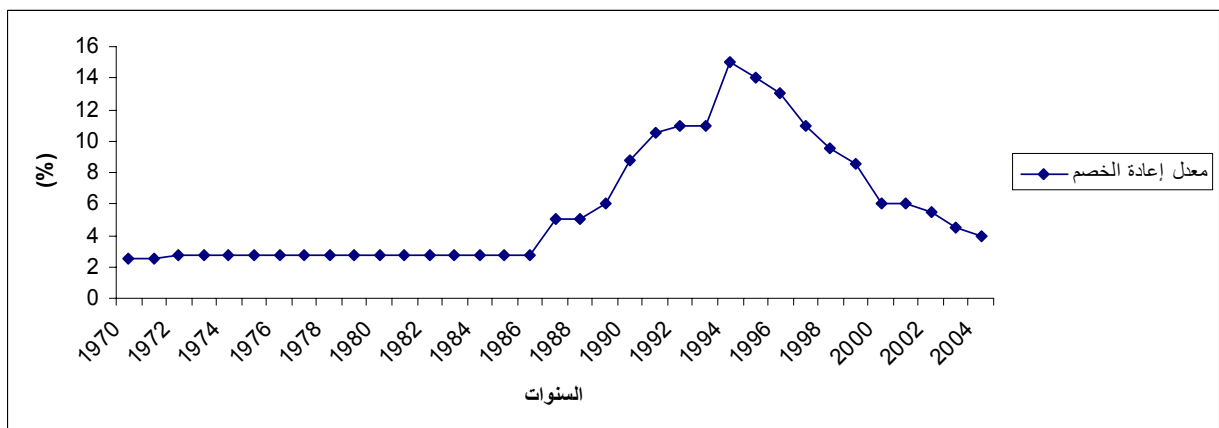
(3-4)

(2006-1970)



(4-4)

(2006-1970)



(1986) :) (1-4) -
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%4 .1994 1987
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1997

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(358)

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.⁽³⁵⁹⁾0%0,23

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(12-4)

2007	2006	2005	2004	2003	
566,814	483,584	367,187	200,5	57,789	()

.www.kantakji.com/fiqh/Files/Zakat/3302 :

(2008)

15

⁽³⁶⁰⁾

41

⁽³⁶¹⁾

%0,9

⁽³⁶²⁾0%7 %3

%4,3

%3,8

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%3,8

15 :

www.echoroukonline.com/ara/national/29038.html

⁽³⁵⁹⁾

.2008

⁽³⁶⁰⁾

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⁽³⁶¹⁾

.435

⁽³⁶²⁾

(13-4)

(2006-1970)

"	"	
	914,7474	1970
	947,0664	1971
	1155,7016	1972
	1314,5378	1973
	2111,3142	1974
	2339,8082	1975
	2814,8538	1976
	3315,139	1977
	3983,6008	1978
	4872,4588	1979
	6175,2736	1980
	7275,803	1981
	7886,9722	1982
	8882,5798	1983
	10026,5242	1984
	11080,6936	1985
	11268,9532	1986
	11882,8318	1987
	13213,2422	1988
	16037,634	1989
	21066,7478	1990
	32761,0464	1991
	40838,448	1992
	45209,55	1993
	56521,352	1994
	76189,7986	1995
	97661,0982	1996
	105646,384	1997
	107558,647	1998
	123051,505	1999
	156693,528	2000
	160630,298	2001
	171827,385	2002
	199404,346	2003
	233164,846	2004
	286670,681	2005
	321498,996	2006

.(ons)

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-1-1

.(2006-1970)

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(363)

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(364)

(M₂

$$: C_r^p = \alpha_0 + a_1 y_r^{dp} + a_2 \frac{M_2^p}{p} :$$

: C_r^p

: y_r^{dp}

: $\frac{M_2^p}{p}$

.() : α₀

(363)

(364)

α_1, α_2

(365)

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-1-1-1-1

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(366) ()

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(367)

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(366)

(367)

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.(3000)

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(14-4)

(2006-1970)

()	
4,8848134	1970
4,90724418	1971
5,35844208	1972
5,14716407	1973
13,0675077	1974
13,0272068	1975
13,6843972	1976
13,8967318	1977
14,0461039	1978
14,8446695	1979
16,743713	1980
16,7811121	1981
16,4260036	1982
16,8635915	1983
17,1101802	1984
16,5072773	1985
14,459237	1986
13,76521	1987
15,3642187	1988
17,4097382	1989
18,4222481	1990
21,3435138	1991
19,9447013	1992
17,4785197	1993
16,8477526	1994
16,9646749	1995
17,5495634	1996
17,8806801	1997
16,9037521	1998
18,2709704	1999
23,0670202	2000
22,9098265	2001
23,6303281	2002
26,5589608	2003
29,2901389	2004
34,4424656	2005
37,2652834	2006

:

(15-4)

(2006-1971)

2006-2000	1999-1994	1993-1986	1985-1980	1979-1970	()
28,16	17,40	17,30	16,74	10,29	()

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10,29)

(10-4)

(/ 16,74)

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(17,40)

(/ 17,30)

.(/ 28,16)

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%20

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12 1991 7 () 1985
 1985 %22 (-) 2000
 .⁽³⁶⁸⁾(2000 % 33,3

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(16-4)

2005 – 1995

2005	2004	2000	1999	1995	
16,60	18,15	22,98	23,35	25,23	(%)

Source : Conseil national économique et social en coopération avec le programme des nations unies pour le développement, rapport national sur le développement humain, Alger, 2006, p 30.

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-1-2-1-1

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(2006 -1970

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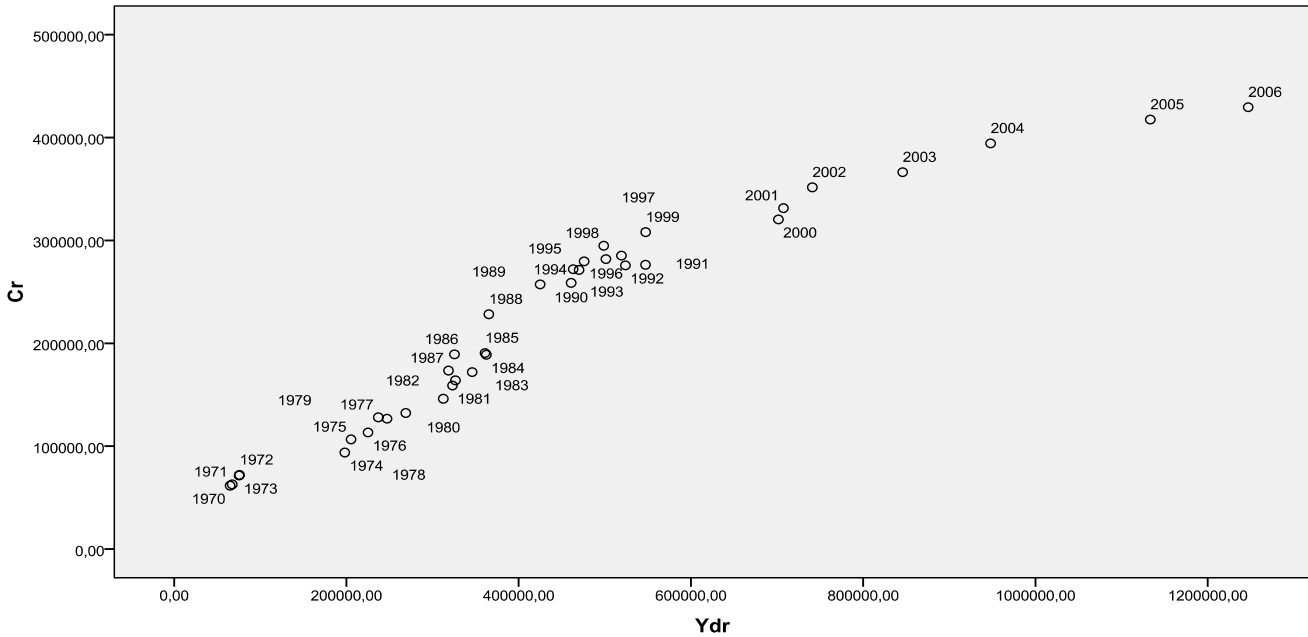
0

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:(16-4)

(5-4)

Nuage de points de la fonction de la consommation



(spss.17)

:

(1973-1970)

(1999-1974)

(2006-2000)

(1986)

.(1997)

:

$$C_t = \alpha_0 + \beta_0 M_1 + \theta_0 M_2 + \alpha_1 Y_t^d + \beta_1 M_1 Y_t^d + \theta_1 M_2 Y_t^d + U_t \dots\dots\dots(1)$$

:

$$\cdot \quad (t) \quad (t) \quad : C_t$$

$$: M_2 \quad M_1$$

$$\cdot (1973-1970) \quad 0 = M_1$$

$$\begin{aligned}
 & \dots (2006-1974) & 1 = M_1 \\
 & \dots (1999-1970) & 0 = M_2 \\
 & \dots (2006-2000) & 1 = M_2 \\
 & \dots (\dots) & : \theta_0 \beta_0 \alpha_0 \\
 & & : Y_t^d \\
 & & : \theta_1 \beta_1 \alpha_1 \\
 & & : U_t
 \end{aligned}$$

$$E (C_t / M_1 = 0, M_2 = 0, Y_t^d) = \alpha_0 + \alpha_1 Y_t^d \dots \dots \dots (2)$$

$$E (C_t / M_1 = 1, M_2 = 0, Y_t^d) = (\alpha_0 + \beta_0) + (\alpha_1 + \beta_1) Y_t^d \dots \dots \dots (3)$$

$$E (C_t / M_1 = 1, M_2 = 1, Y_t^d) = (\alpha_0 + \beta_0 + \theta_0) + (\alpha_1 + \beta_1 + \theta_1) Y_t^d \dots \dots \dots (4)$$

$$: (\theta_1 \beta_1 \alpha_1 \theta_0 \beta_0 \alpha_0)$$

(spss.17)

(17-4)

(2006-1970)

Ydr × M ₂	Ydr × M ₁	M ₂	M ₁	Ydr		
0	0	0	0	65011,98	61698,16	1970
0	0	0	0	67420,63	62899,1	1971
0	0	0	0	75934,48	72076,72	1972
0	0	0	0	75400,81	71536,69	1973
0	198155,69	0	1	198155,69	93821,57	1974
0	205413	0	1	205413	106579,06	1975
0	225108,33	0	1	225108,33	113368,33	1976
0	237050,45	0	1	237050,45	128066,07	1977
0	247211,43	0	1	247211,43	126735,58	1978
0	268985,41	0	1	268985,41	132274,35	1979

0	312538,15	0	1	312538,15	146156,25	1980
0	323237,78	0	1	323237,78	158966,73	1981
0	326598,23	0	1	326598,23	163979,65	1982
0	346074,62	0	1	346074,62	172033,39	1983
0	362479,17	0	1	362479,17	188847,22	1984
0	360898,6	0	1	360898,6	190534,92	1985
0	325506,34	0	1	325506,34	189297,26	1986
0	318513,19	0	1	318513,19	173456,02	1987
0	365407,21	0	1	365407,21	228279,78	1988
0	424954,3	0	1	424954,3	257270	1989
0	460961,49	0	1	460961,49	258729,43	1990
0	547311,73	0	1	547311,73	276314,02	1991
0	523967,25	0	1	523967,25	275765,1	1992
0	470119,75	0	1	470119,75	271366,45	1993
0	463245,8	0	1	463245,8	272048,37	1994
0	476028,78	0	1	476028,78	279686,08	1995
0	501320,83	0	1	501320,83	281861,4	1996
0	519344,35	0	1	519344,35	285243,38	1997
0	498779,01	0	1	498779,01	294860,01	1998
0	547489,63	0	1	547489,63	308015,47	1999
701606,49	701606,49	1	1	701606,49	320408,97	2000
707432,53	707432,53	1	1	707432,53	331372,17	2001
740976,2	740976,2	1	1	740976,2	351604,62	2002
845849,78	845849,78	1	1	845849,78	366312,93	2003
947946,06	947946,06	1	1	947946,06	394321,35	2004
1133363,8	1133363,8	1	1	1133363,8	417461,64	2005
1246970,9	1246970,9	1	1	1246970,9	429477,25	2006

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics					Durbin-Watson
					R Square Change	F Change	df1	df2	Sig. F Change	
1	,993 ^a	,986	,984	13224,8866 2	,986	552,244	4	32	,000	1,120

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	3,863E11	4	9,659E10	552,244	,000 ^a
	Residual	5,597E9	32	1,749E8		
	Total	3,919E11	36			

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	24281,700	6820,285		3,560	,001
	Revenu disponible réelle	,603	,024	1,594	25,598	,000
	M2Ydr	-,414	,034	-1,466	-12,076	,000
	variable muette 1	-46168,476	10155,366	-,139	-4,546	,000
	Variable muette 2	224249,992	24862,729	,853	9,020	,000

Excluded Variables^b

Model	Beta In	t	Sig.	Partial Correlation	Collinearity Statistics			
					Tolerance	VIF	Minimum Tolerance	
1	M1Ydr	-1,066 ^a	-,277	,783	-,050	3,108E-5	32172,767	3,108E-5

: **-2-2-1-1**

: -

0,98 (R²)

%98 (M₂Y_t^d M₁Y_t^d)

$$\bar{R}^2 = 0,98$$

(ANOVA)

0,01 00 (F = 552,244)

" "

%0

(Excluded Variables) (Coefficients)

0,00 0,00 0,00 0,00 0,01 :

(β_1) 0,78 $(M_1 Y_t^d)$

.()

: -

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(spss.17)

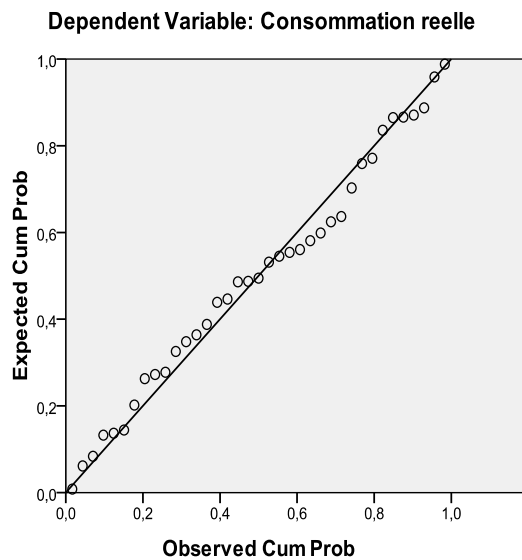
(

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.(6-4)

(6-4)

Normal P-P Plot of Regression Standardized Residual



(Model Summary)

d_u	-	.1,120	-
	$d_u < d$	-	d_L
	$d_L < d < d_{u-4}$		$d < d_L$
		⁽³⁶⁹⁾ ()	
0,05	(N = 37 , K + 1 = 6)	d_L d_u	
		1,131 1,870	
			1,120 < 1,131

: :

$$C_t = 24281.70 + 0,603 Y_d$$

$$C_t = -21886.774 + 0,603 Y_d$$

$$C_t = 202363.21 + 0,189 Y_d$$

(0,603)

24281,70

(1999 - 1970)

(/ 15,43)

.(0,189)

(/ 28,16)

)

(

:

-2-1

:

Nerlove

(Model d' Ajustement Partiel)

Koyck

(370)1958

:

-1-2-1

:

$$C_t^* = \alpha_0 + \alpha_1 y_t^d + u_t \dots\dots\dots(1)$$

:

.()

: C_t^*

.()

: α_0

: α_1

: y_t^d

: u_t

(C_t^*)

(1)

(C_{t-1})

$C_t - C_{t-1}$

$C_t^* - C_{t-1}$

:

$$(C_t - C_{t-1}) = \lambda(C_t^* - C_{t-1}) + u_t \dots\dots\dots(2)$$

$$C_t = \lambda C_t^* + (1 - \lambda) C_{t-1} + u_t \dots\dots\dots(3)$$

$$0 < \lambda < 1$$

: (3) (1)

$$C_t = \lambda(\alpha_0 + \alpha_1 y_t^d) + (1 - \lambda) C_{t-1} + u_t \dots\dots\dots(4)$$

$$C_t = \lambda \alpha_0 + \lambda \alpha_1 y_t^d + (1 - \lambda) C_{t-1} + u_t \dots\dots\dots(5)$$

(5)

: (sps.17) (18-4)

(18-4)

(2006-1970)

C_{t-1}	Ydr	C_t	
61698,16	67420,63	62899,1	1971
62899,1	75934,48	72076,72	1972
72076,72	75400,81	71536,69	1973
71536,69	198155,69	93821,57	1974
93821,57	205413	106579,06	1975
106579,06	225108,33	113368,33	1976
113368,33	237050,45	128066,07	1977
128066,07	247211,43	126735,58	1978
126735,58	268985,41	132274,35	1979
132274,35	312538,15	146156,25	1980
146156,25	323237,78	158966,73	1981
158966,73	326598,23	163979,65	1982
163979,65	346074,62	172033,39	1983
172033,39	362479,17	188847,22	1984
188847,22	360898,6	190534,92	1985
190534,92	325506,34	189297,26	1986

:
: C_t
: C_{t-1}
: λ
: C_t^*

189297,26	318513,19	173456,02	1987
173456,02	365407,21	228279,78	1988
228279,78	424954,3	257270	1989
257270	460961,49	258729,43	1990
258729,43	547311,73	276314,02	1991
276314,02	523967,25	275765,1	1992
275765,1	470119,75	271366,45	1993
271366,45	463245,8	272048,37	1994
272048,37	476028,78	279686,08	1995
279686,08	501320,83	281861,4	1996
281861,4	519344,35	285243,38	1997
285243,38	498779,01	294860,01	1998
294860,01	547489,63	308015,47	1999
308015,47	701606,49	320408,97	2000
320408,97	707432,53	331372,17	2001
331372,17	740976,2	351604,62	2002
351604,62	845849,78	366312,93	2003
366312,93	947946,06	394321,35	2004
394321,35	1133363,8	417461,64	2005
417461,64	1246970,9	429477,25	2006

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Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics					Durbin-Watson
					R Square Change	F Change	df1	df2	Sig. F Change	
1	,994 ^a	,988	,988	11296,03509	,988	1414,470	2	33	,000	1,924

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	3,610E11	2	1,805E11	1414,470	,000 ^a
	Residual	4,211E9	33	1,276E8		
	Total	3,652E11	35			

Coefficients

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	11761,581	5006,869		2,349	,025

Revenu disponible réelle	,052	,020	,139	2,560	,015
VAR00003	,884	,055	,863	15,934	,000

: **-2-2-1**

(R²) :
 () 0,98
 %98
 .R²= 0.98

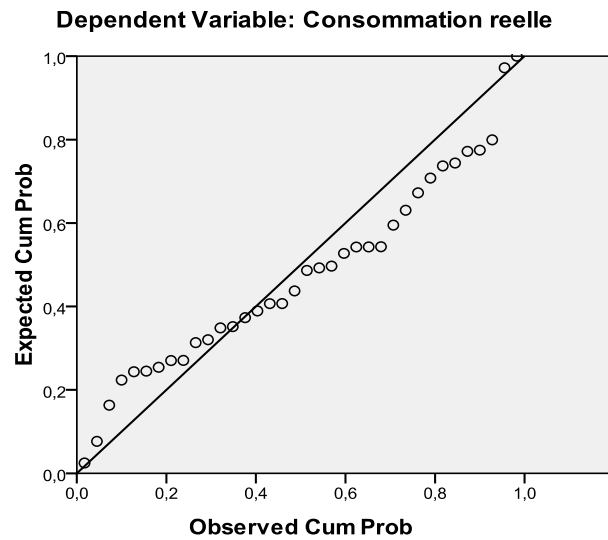
(ANOVA)
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 : (Coefficients)
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(7-4)

Normal P-P Plot of Regression Standardized Residual



(Model Summary)

$d_L \quad d_u :$ - .1.924
 $d_u < d$ -
 $d_L < d < d_u$ $d < d_L$
 (N = 36 , K + 1 = 3) $d_L \quad d_u$.(
1,442 < 1,924 1,098 \quad 1,442 : 0,05

$$C_t = 11761,581 + 0,052 y_t^d + 0,884 C_{t-1}$$

$$(1 - \lambda) = 0.884 \Rightarrow \lambda = (1 - 0.884) = 0.116$$

$$C_t = 0.116(11761.581) + \left(\frac{0,052}{0,116} \right) y_t^d$$

$$C_t = 1364.3434 + 0,448 y_t^d$$

%11,6

(1990-1970)

(371)

(spss.17)

$$C_t = 6651.763 + 0,195 y_t^d + 0,643 C_{t-1}$$

:

$$(1 - \lambda) = 0.643 \Rightarrow \lambda = (1 - 0.643) = 0.357$$

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$$C_t = 2374.6794 + 0,5462 y_t^d$$

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(1990-1970)

0,357

(2006-1970)

()

(0,116)

(0,448)

(0,546)

.(0,357)

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 (1985-1970) ()
 (2006-1986)

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(1999-1970)

0,189 (2006-2000) 0,603

0,448

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.0,884 0,052

(1990-1970) 0,357 :

.(2006 -1970) 0,116 :

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الملاحق

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(2006-1970)

M / P	Ydr	Cr	
4,54	4,88	4,64	1970
4,54	4,91	4,58	1971
5,51	5,36	5,09	1972
5,62	5,15	4,88	1973
6,67	13,07	6,19	1974
7,72	13,03	6,76	1975
8,83	13,68	6,89	1976
9,15	13,90	7,51	1977
9,96	14,05	7,20	1978
10,35	14,84	7,30	1979
10,80	16,74	7,83	1980
10,66	16,78	8,25	1981
12,28	16,43	8,25	1982
13,50	16,86	8,38	1983
14,18	17,11	8,91	1984
14,30	16,51	8,71	1985
12,54	14,46	8,41	1986
12,90	13,77	7,50	1987
13,46	15,36	9,60	1988
12,62	17,41	10,54	1989
11,64	18,42	10,34	1990
10,90	21,34	10,78	1991
10,31	19,94	10,50	1992
10,25	17,48	10,09	1993
8,78	16,85	9,89	1994
7,24	16,96	9,97	1995
6,85	17,55	9,87	1996
7,55	17,88	9,82	1997
8,43	16,90	9,99	1998
9,19	18,27	10,28	1999
10,21	22,94	10,53	2000
12,04	22,80	10,73	2001
16,00	23,59	11,21	2002
17,81	26,54	11,50	2003
18,83	29,40	12,18	2004
18,88	34,70	12,69	2005
21,89	37,27	12,83	2006

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(2)

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics					Durbin-Watson
					R Square Change	F Change	df1	df2	Sig. F Change	
1	,919 ^a	,844	,835	,89357	,844	91,862	2	34	,000	,421

(3)

ANOVA^b

Model	Sum of Squares	df	Mean Square	F	Sig.	
1	Regression	146,698	2	73,349	91,862	,000 ^a
	Residual	27,148	34	,798		
	Total	173,846	36			

(4)

Coefficient Correlations^a

Model		ydr	mp
1	Correlations	ydr	1,000
		mp	-,840
	Covariances	ydr	,002
		mp	-,002

(5)

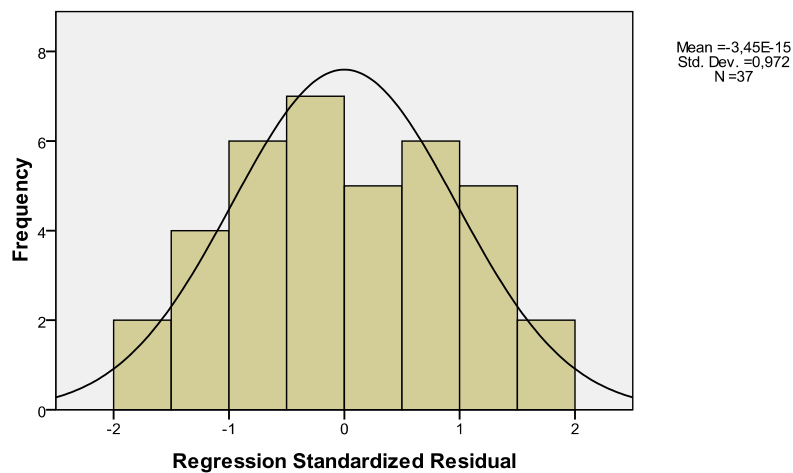
Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	95,0% Confidence Interval for B	
		B	Std. Error	Beta			Lower Bound	Upper Bound
1	(Constant)	4,146	,431		9,609	,000	3,269	5,023
	mp	-,082	,067	-,153	-1,225	,229	-,219	,054
	ydr	,328	,039	1,043	8,358	,000	,248	,407

(6)

Histogram

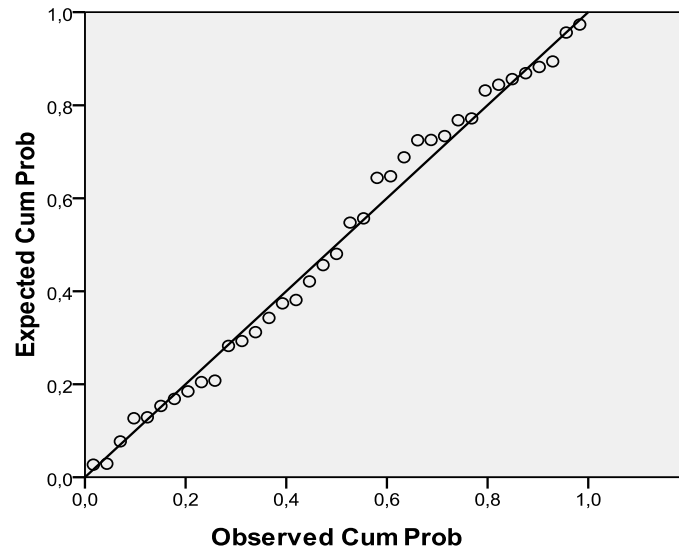
Dependent Variable: cr



(7)

Normal P-P Plot of Regression Standardized Residual

Dependent Variable: cr



$$C_r^p = 4.146 + 0.32 y_r^{dp} :$$

(8)

(1990-1970)

C_{t-1}	Ydr	C_t	
61698,16	67420,63	62899,10	1971
62899,10	75934,48	72076,72	1972
72076,72	75400,81	71536,69	1973
71536,69	198155,69	93821,57	1974
93821,57	205413,00	106579,06	1975
106579,06	225108,33	113368,33	1976
113368,33	237050,45	128066,07	1977
128066,07	247211,43	126735,58	1978
126735,58	268985,41	132274,35	1979
132274,35	312538,15	146156,25	1980
146156,25	323237,78	158966,73	1981
158966,73	326598,23	163979,65	1982
163979,65	346074,62	172033,39	1983
172033,39	362479,17	188847,22	1984
188847,22	360898,60	190534,92	1985
190534,92	325506,34	189297,26	1986
189297,26	318513,19	173456,02	1987
173456,02	365407,21	228279,78	1988
228279,78	424954,30	257270,00	1989
257270,00	460961,49	258729,43	1990

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(9)

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics					Durbin-Watson
					R Square Change	F Change	df1	df2	Sig. F Change	
1	,977 ^a	,954	,949	12995,81645	,954	177,872	2	17	,000	1,658

(10)

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	6,008E10	2	3,004E10	177,872	,000 ^a
	Residual	2,871E9	17	1,689E8		
	Total	6,295E10	19			

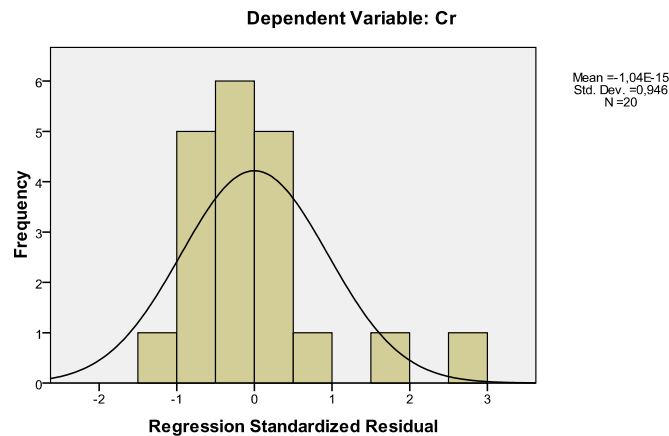
(11)

Coefficients^a

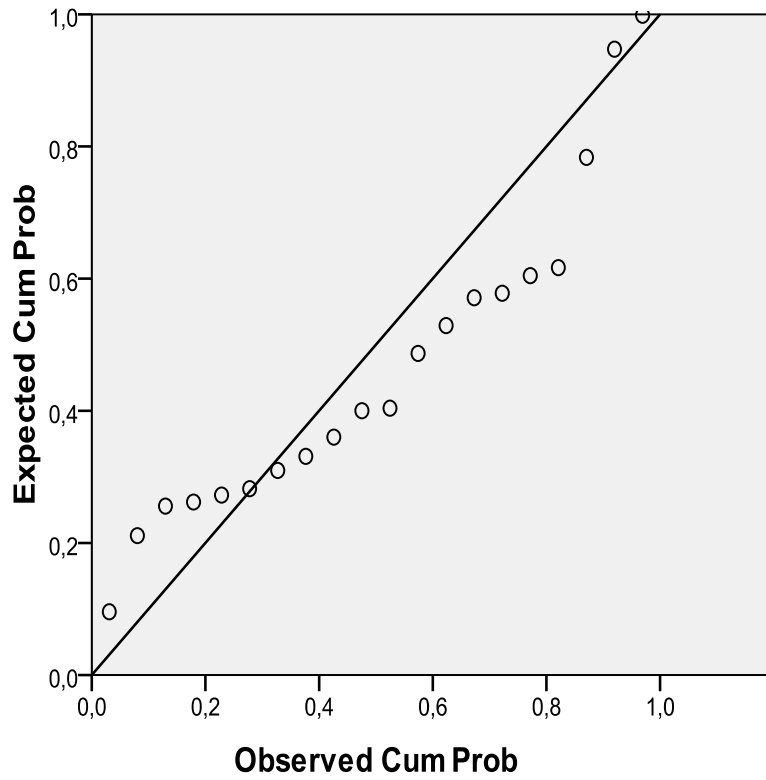
Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	95,0% Confidence Interval for B	
		B	Std. Error	Beta			Lower Bound	Upper Bound
1	(Constant)	6651,763	8233,174		,808	,430	-10718,716	24022,241
	VAR00004	,643	,157	,615	4,085	,001	,311	,975
	Ydr	,195	,078	,376	2,497	,023	,030	,360

(12)

Histogram



(13)

Normal P-P Plot of Regression Standardized Residual**Dependent Variable: Cr**

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(2008-2004)

	()	()		()	()	
6428	6.995.484,00	9504,00	138	415.800,00	475.200,00	2004
6762	7.602.729,00	34.400,00	501	1.505.000,00	1.720.000,00	2005
6276	8.087.780,00	70.000,00	1021	3.062.500,00	3.500.000,00	2006
		24.800,00	362	1850.000,00	1.240.000,00	
6763	8.896.443,00	95.019,98	1385	4.157.124,08	4.750.998,95	2007
		20.065,90	327	983.229,16	1.003.295,06	
7089	9.314.484,00	74.983,26	1093	3.280.517,78	3.749.163,18	2008

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212(2006-1970)	
212Model Summary ^b	(2)
213ANOVA ^b	(3)
213Coefficient Correlations ^a	(4)
213	.....Coefficients ^a	(5)
213	.....Histogram- dependentvariable: cr	(6)
214	.....Normal P-P Plot of Regression Standardized Residual	(7)
214	.....(1990-1970)	(8)
215	.....Model Summary	(9)
215	.....ANOVA ^b	(10)
215	.....Coefficients ^a	(11)
214	.....Histogram- dependentvariable: cr	(12)
216Normal P-P Plot of Regression Standardized Residual	(13)
217	(14)
218(2008-2004)	(15)

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- » : .http://www.sesrtcic.org/stat_database_ar.php -91
- » : .1997 11-9 - « -92
- » : « www.economics.kaau.edu.sa/dean/afadil/file.asp?ID=3464) (2008 30 : -93
- » : .2008 22 : www.kantakji.org -94
- »

(2007 25 : WWW.ISLAMONLINE.NET)

.www.kantakji.com/fiqh/Files/Zakat/330290 -95

. www.ons. dz.com -96

: -

a- Ouvrages:

- 1- David Romer, Macroéconomie approfondie, (France: MIGRAWLHILL, 1997).
- 2- Gregory Mankiw, Macroéconomie, traduction de la 5^e éd, (Américaine Parjean Havard, De Bœck, 3^e éd, 2003).
- 3- Hocine Benissad, Algérie de la planification socialiste à l'économie de marché, (Alger: ENAG éditions, Algérie, 2004).
- 4- Mohamed Haddar, Macroéconomie, (Tunes: Centre publication universitaire, 2^e éd, 2006).
- 5- Patrick Villieu, Macroéconomie: consommation et épargne, (France: édition la découverte, 1997).

b- Rapports:

- 6-conseil national économique et social en coopération avec le programme des nations unies pour le développement, rapport national sur le développement humain, Alger, 2006.
- 7- Comptes économiques 1963-2006, ons.
- 8- Rétrospective statistique 1970-2002, ons.

: -

- 1- Munawar Iqbal, « Zakah, Moderation and Aggregate Consumption in An Islamic Economy », J. Res. Islamic Econ, Vol 3, N° 1, (1405/1985).
- 2- Zobir Hasan, « treatment of consumption in Islamic economics an appraisal », j.kau, Islamic econ, (vol 18, N°2, 1426/2005).