



—

/

-

/

-

.

:

(14) 5



:



-1

12

()

()

2005)

.(7

(14) 5



1-1

1990

(Carron, Joelle ,2001,2-3), .

1998

1997

ITU,2003,88-)

14

(89

:

2001)

.(29

1994



89

1998

:(Findlay, 2001, 4)

- •

()

- •

- •

(40 2001) :

(14) 5



:

-1

one-way satellite)

digital)

(transmission
(audio services

(*1)

- 2



"

"

:

:

-1997-333 (6) (12-11 2001)
)

:(334

-

-

(14) 5



.%49

:

(GATS,2002,9)





2 -1

)

(108-107 1999

(14) 5



(OECD,2005,5) (1 2002)

)

(1 2002



: (1)
(1)

(2004)

(-) ↙	%20	
(-) ↙	%10	
(+) ↖	% 30	
(+) ↖	%40	()

(14) 5



. (2005) CITC : _____

3-2

(1)

64

82

Network Readiness

Index (NRI)

(23-22 2003)(Dutta & Jain,2003, 8-10)



3 -1

(Wolcott & cagitary,2001,3) .

.[\(ITU,2003,88\)](#)

(14) 5



2003)

(10

(95-94 2004) :

-

-

-

-

-

-

%80



(1 2000)

-

-

-2

:

:1-2

(2)

:

(14) 5



(2)

(2004)



0.99	0.97	1.19	861	669	390
0.98	0.96	1.66	998	652	772
0.99	0.96	1.23	818	541	646
0.97	0.95	1.58	617	606	630
0.95	0.95	1.3	849	710	474
0.99	0.95	1.08	910	483	614
0.99	0.95	1.62	954	453	629
0.99	0.94	1.6	956	643	696
0.97	0.94	0.96	738	561	414
0.97	0.94	1.21	1021	563	628
0.98	0.94	0.43	905	416	336
0.99	0.94	0.95	745	443	788
0.95	0.93	1.02	1057	441	471
0.97	0.92	0.17	999	466	177
0.98	0.91	0.81	761	542	657
0.96	0.9	0.39	981	404	281
0.91	0.86	0.29	593	206	267
0.95	0.85	-0.39	174	291	198
0.88	0.81	-0.47	270	118	94
0.81	0.8	0.08	413	287	146
0.86	0.78	0.27	430	107	109
0.89	0.76	-0.43	404	42	54
0.81	0.76	-0.14	484	267	142
0.83	0.75	-0.65	289	107	91
0.83	0.71	-0.13	138	46	67
0.87	0.69	-1.25	200	69	39
0.54	0.64	-0.17	313	44	117
0.61	0.61	0.23	44	41	32
0.46	0.54	-0.38	33	30	13
0.46	0.53	-1.3	31	6	2
0.67	0.5	-0.63	42	3	7
0.69	0.49	-0.62	76	9	45



Source: human development report(2006) & NRI ,(2004)The Networked Readiness Index Readiness

(2)

788 2004

772

696

(13 2٠7)

()

Coffman&oldyzko,2001,27-)

(29

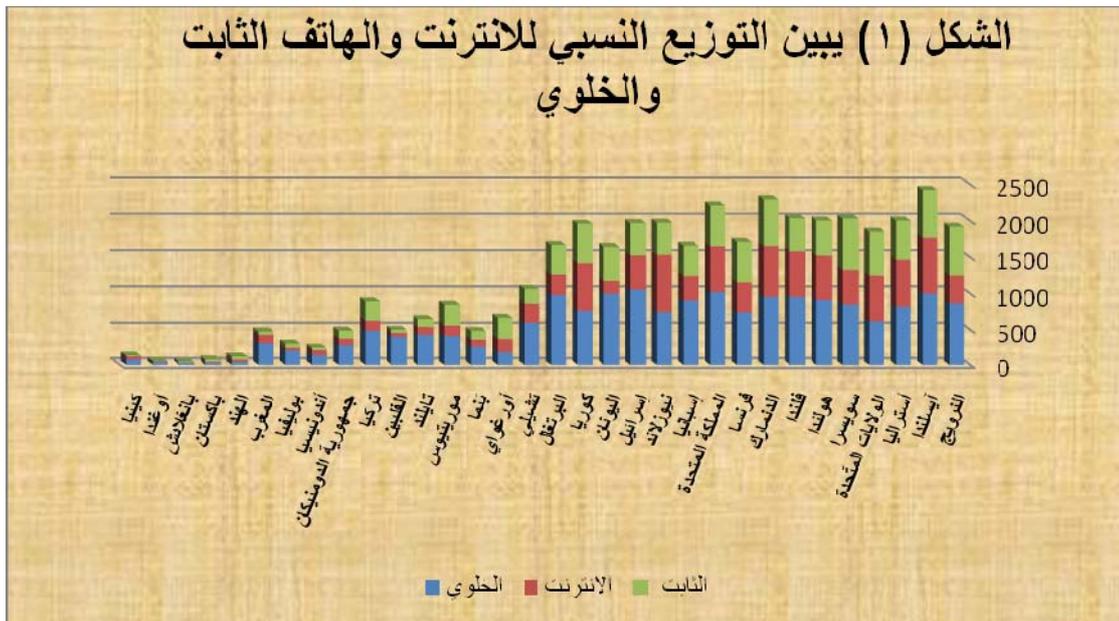
(652 669 710)

()

)

(9 6 3)

(



(14) 5



1.58 0.95
)
 .(-0.62 0.4) (-0.63 0.5
 (2)
 (2) : _____ .
 (2) (2)
 (0.97 0.96) (0.98 1.66)
 (0.54 -0.17) (0.67 -0.63)

(Hawkins , 2002 , 38-42)

(3)
 .
 (2) (3) : _____

2-2

:(*2)

(14) 5



(NRI)

(t)

(EX)

(%5)

(HDI)

(D.Gujarati,1995,254-256)

(11.8)

(F)

%5

(2.15)

(D-W)

(88-86 2006).

(0.16)(NRI)(*3)

(%1)

(8.1) (HDI)

.(0.16)

(%1)

.(8.1)

(0.09) (Export)

(%1)

.(0.09)



:

:2-2-2

$$\text{GDP} = -9720.2 + 4729.9 (\text{NRI}) - 156.7(\text{export}) + 33009.1(\text{HDI})$$

$$t = \quad (-1.6) \quad (2.4) \quad (-2.6) \quad (3.8)$$

$$\mathbf{R\ Square=(0.82)} \quad \mathbf{F=(15.9)} \quad \mathbf{D.W=(2.6)}$$

(%82)

(HDI) (NRI) (EX) %18

(NRI) (EX) (t) (%5) (HDI)

(D.Gujarati,1995,254-256)
 (15.9) (F)
 %5
 (2.6) (D-W)

(14) 5



)

(88-86 2006

(0.21)(NRI)(*4)

(%1)

(3.5) (HDI)

.(0.21)

(GDP)

(%1)

.(3.5)

(-0.8) (Export)

(%1)

(-0.8)



:

:

:

:

-1

-2

-3

)

-4

(

:

:

:

-1

-2



-3

: -
(2004) -1

:) : (2001) -2
(

2003 -3
(3)

(2000) -4

www.arabcin.net/arabic/5nadweh/pivot-2/education-gate1.htm

(2002) -5

www.arabcin.net/arabic/5nadweh/pivot_4/economics_knowledge1.htm

94 (1997) -6



30	(1999)	-7
	2 -	
-	:	(1994) -8
	(7-4)	
	:() 2002	-9
	www.leblog.twoday.net/files/Lebanon-and-the-WTO-book	
	WTO. (2000)	-10
	www.static.twoday.net/leblog/files/lebanon-and-the-WTO-book.doc	
	" (2006)	-11
	"	
	(2005)	-12
	"	
	"	
	www.arabtextiles.org/ati/images/conf.doc	
	(2005) CITC-13	
	www.iktissad.com/files/events/atif/8/presentations/abdulrahman-alfhaed-atif06.ppt	



(2003) ITU-14

www.itu.org.eg/arabbook/chapitre6-p81-92.doc

(2001) JoelleCarron-15

www.choike.org/documentos/arab_brief_carron.doc

: :

1-Human development report(2006)

www.hdr.undp.org/hdr2006/pdfs/report/HDR_2006_Tables.pdf

.2-D.Gujarati, (1995) “ Basic Econometrics ”,New York

3- Soumitra Dutta and Amit Jain ,(2003) “The Networked Readiness of Nations“.

[www.weforum.org/pdf/Global_Competitiveness_Reports/Reports/GI TR_2002_2003/Networked_Readiness_Nations.pdf](http://www.weforum.org/pdf/Global_Competitiveness_Reports/Reports/GI_TR_2002_2003/Networked_Readiness_Nations.pdf)

4-Kyle Bagwell &Robert W Staiger (1999), "An Economic Theory of GATT", The American Economic Review:VOL.89,NO.1

5-Winfried Von Uree (1995), "The Results of The Uruguay Round Concurring Agriculture and Their CoAQnsequences", Economics:VOL.15



6-Christopher Findlay (2001), "Issues in Services Sector Reform", Services Sector Reform and development Strategies: NO.8, UN, New York and Geneva

7-GATS, 2002, "GATS FACT AND FICTION."

www.WTO.org/English/tratop_e/serv_e/gats_factfiction_e.htm

8-OECD, (2005), Growth in Services. Fostering Employment, Productivity. and Innovation. Meeting of the OECD Council.

www.oecd.org/dataoecd/58/52/34749412.pdf

9-NRI, (2004) The Networked Readiness Index Readiness:

www.weforum.org/.../Reports/GITR_2004_2005/Networked_Readiness_Index_Rankings.pdf

10- K.G.Coffman & A.M.Odlyzko, (2001), Growth of the Internet.

www.dtc.umn.edu/~odlyzko/doc/oft.internet.growth.pdf

11-Robert J.Hawkins, (2002), Ten Lessons for ICT and Education in the Developing World

www.cyber.law.s.edu/itg/libpubs/gitrr2002_ch04.pdf

12- Kursat Cagiltay & Peter Wolcott, (2001), Telecommunications, Liberalization, and the Growth of the Internet in Turkey.

www.crito.uci.edu/git/publications/pdf/turkey-internet-txt.pdf

13-Takeshi Murakami, (1997), "the impact of ICT on economic growth and the productivity paradox"

www.tcf.or.jp/data/19971011_Takeshi_Murakami_2.pdf

14- OECD, (2003), "ICT and Economic Growth".

www.labs-associados.org/docs/OCDE_TIC.PDF

(14) 5





Abstract

This paper identifies the directions of developing the information and communication services, and measuring the changing and opening effects of the sector in the economic performance.

It includes two basic pivots ,the first one , deals with the theoretical field of communication services trade , and the second concerns with the analysis of its directions of development and effects on the economic performance for this sample of developed and developing countries.



*1

(*2)

1-Takeshi murakami , (1997) , “the impact of ICT on economic growth and the productivity .paradox”

www.tcf.or.jp/data/19971011_Takeshi_Murakami_2.pdf

2-OECD , (2003) , “ICT and Economic Growth”.

www.labs-associados.org/docs/OCDE_TIC.PDF

(*3)

ep=Bi. X/Y

(*4)

ep=Bi. X/Y