

术著作

科学出版社

/ . —	2020.1
ISBN 978-7-03-063805-2	
	N02
CIP	2019 280644

/ /

科 学 出 版 社

16

100717

<http://www.sciencep.com>

北京虎彩文化传播有限公司

*

2020	1		720	1000	B5
2020	1		17		
			260 000		



20

“ ”

40



/ 1

/ 2

/ 5

/ 18

/ 21

/ 21

/ 30

/ 37

/ 42

/ 50

/ 51

/ 51

/ 61

/ 65

/ 73

/ 82

/ 83

/ 83

		/ 91	
		/ 101	
		/ 113	
		/ 119	
/ 124			
	/ 125		
		/ 125	
		/ 132	
		/ 139	
		/ 146	
/ 156			
	/ 157		
			/ 157
		/ 168	
		/ 176	
		/ 182	
		/ 191	
/ 196			
	/ 197		
		/ 197	
		/ 203	
		/ 215	
/ 221			
		/ 223	
	/ 223		
		/ 230	
		/ 237	
/ 243			
/ 244			
	/ 247		
/ 250			



" "

2011

" 3· 11"

2001

" 9· 11"

20

"

"

20 80

Ulrich Beck

" " " "

"

"

"

" "

" "

"

0 2 4 ("# '•— Qù("!pÀ 0

004 | _____

.

"

"

006 | _____

Goffi

La Philosophie de la Technique

Jean-Yves

20

William

Fielding Ogburn

1942 1948

Edward H. Spicer

Robert

Blauner

20

“ ”

computer alienation

computer anxiety
stress

computer phobia

Timothy Jay

computer

1.

technophobia

technophobe

technophobic

"

"

technofear

technostress

techno-anxiety

techno-skepticism

1981

" Computerphobia:

What to Do About It"

M. M. Weil

L. D. Rosen

Brosnan M J. 1998. Technophobia: The Psychological Impact of Information Technology. London and New York: Routledge: 12.

Brosnan M J. 1998. Technophobia: The Psychological Impact of Information Technology. London and New York: Routledge: 13.

A. C. Raub

M. M. Maurer

M. J. Brosnan

B. Craig

"

"

2.

Brosnan M J. 1998. *Technophobia: The Psychological Impact of Information Technology*. London and New York: Routledge: 17.

Craig B. 1984. *Technostress: The Human Cost of the Computer Revolution*. Boston Addison Wesley: 1-3, 242.

010 | _____•

boring

lonely

5.

7

6

6.

1

2

1989

22

18

Korukonda A R, Finn S. 2003. An investigation of framing and scaling as confounding variables in information outcomes: the case of technophobia. *Information Sciences* , 155(1-2): 79-88.

Pelgrum W J, Plomp T. 1991. *The Use of Computers in Education Worldwide: Results From The IEA 'Computers in Education' Survey in 19 Educational Systems*. Oxford: Pergamon Press: 8-12.

Russell G, Bradley G. 1997. Teachers' computer anxiety: implications for professional development. *Education and Information technologies*, 2(1): 17-30.

Boehme-Neßler V. 2011. *Pictorial Law, Modern Law and the Power of Pictures*. Berlin: Springer Berlin Heidelberg: 3.

Sayago S, Blat J. 2011. An ethnographical study of the accessibility barriers in the everyday interactions of older people with the web. *Universal Access in the Information Society*, 10(4): 359-371.

7.

1.

1

. 2001. , (4): 16-21.
. 2011. , (1): 23-28.

2

3

4

016 | _____

2.

1

2

3

4

2001

1

2

"

"

3

4



"

022 | _____

"

. 2000. . : : 60.

“ ”

The Quest for Certainty · Joel Mokyr
The Gifts of Athena: Historical Origins of the
Knowledge Economy *Technopoly*
A. Feenberg

1.

"

"

"

"

"

ex nihilo

.....

.	.2009.	.	,	,	.	:	: 30.
.	.2009.	.	,	,	.	:	: 30.

”

2.

”

”

”

” ”

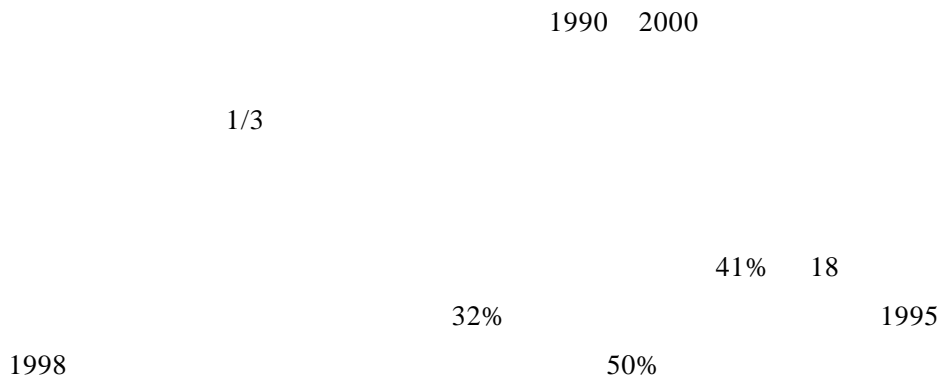
”

”

”

”

· . 2000. : : 6-7.
· . 2007. : : : 13.
· . 2000. : : : 4.



Korukonda A R, Finn S. 2003. An investigation of framing and scaling as confounding variables in information outcomes: the case of technophobia. *Information Sciences*, 155(1-2): 79-88.

Korukonda A R. 2005. Personality, individual characteristic, and predisposition to technophobia: some answers, questions, and points to ponder about. *Information Sciences*, 170(2): 309-328.

1999 2003

" "

technophobia

" "

Institute for

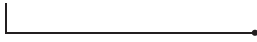
Economic Research IFO

030 | _____

“

”

	technophobia		technophobe	technophobic
		technophobia	20	60
techno	phobia			
	technophobia	technophilia		
			technofear	
			technostress	
technoanxiety		techno-skepticism		
	technostress	cyberphobia		computer aversion
	computer anxiety			technophobia



"

"

"

Hanks P. 1986. Collins Dictionary of the English Language. London: William Collins Sons & Co. Ltd: 1564.

. 1991. (). : : 3575-3576.

Jay T. 1981. Computerphobia: what to do about it. Educational Technology, (21): 47.

Korukonda A R. 2005. Personality, individual characteristic, and predisposition to technophobia: some answers, questions, and points to ponder about. Information Sciences, 170(2): 309-328.

Brosnan M J. 1998. Technophobia: The Psychological Impact of Information Technology. London and New York: Routledge: 17.

"

Daniel Dinello

"

"

Sinkovics R R, Stöttinger B, Schlegelmilch B B, et al. 2002. Reluctance to use technology-related products: development of a technophobia scale. *Thunderbird International Business Review*, 44(4): 477-494.

Dinello D. 2005. *Technophobia: Science Fiction Visions of Posthuman Technology*. Austin: University of Texas Press: 8.

Korukonda A R. 2005. Personality, individual characteristic, and predisposition to technophobia: some answers, questions, and points to ponder about. *Information Sciences*, 170(2): 309-328.

1.

Automated Teller Machine ATM

2.

technostress

"

"

3.

Aida R, Azlina A B, Balqis M. 2007. Techno stress: a study among academic and non academic staff//Dainoff M J. Ergonomics and Health Aspects of Work with Computers. Lecture Notes in Computer Science. vol.4566. Berlin: Springer Berlin Heidelberg: 118-124.

techno-anxiety

"

"

"

"

"

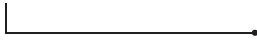
"

4.

Brosnan M J. 1998. *Technophobia: The Psychological Impact of Information Technology*. London and New York: Routledge: 15.

- . .2010. . . : : 31.
- . .2010. . . : : 31.
- . .2010. . . : : 31.

"



"

.

Sinkovics R R, Stöttinger B, Schlegelmilch B B, et al. 2002. Reluctance to use technology-related products: development of a technophobia scale. *Thunderbird International Business Review*, 44(4): 477-494.

Dinello D. 2005. *Technophobia: Science Fiction Visions of Posthuman Technology*. Austin: University of Texas Press: 8.

040 | _____

"

"

. 2010. : : 25.
Quinn B A. The evolving psychology of online use: from computephobia to internet addiction.
[https://ttu-ir.tdl.org/handle/2346/489?show=full\[2013-08-12\]](https://ttu-ir.tdl.org/handle/2346/489?show=full[2013-08-12]).

"

"

"

Boehme-Neßler V. 2011. Caught between technophilia and technophobia: culture, technology and the law//Boehme-Neßler V. Pictorial Law: Modern Law and the Power of Pictures. Berlin: Springer Berlin Heidelberg: 1-18.

Aida R, Azlina A B, Balqis M. 2007. Techno stress: a study among academic and non academic staff//Dainoff M J. Ergonomics and Health Aspects of Work with Computers. Lecture Notes in Computer Science. vol.4566. Berlin: Springer Berlin Heidelberg: 118-124.

“

”

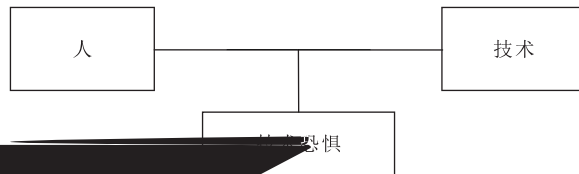
Epictetus “
”

”

.....

”

1-1



185. : 34.
. 2010. : 20.



user

B. H. Loyd

C. Gressard

W. L. Gardiner

"

"

Korukonda A R. 2005. Personality, individual characteristic, and predisposition to technophobia: some answers, questions, and points to ponder about. *Information Sciences*, 170(2): 309-328.

Leonard N H, Leonard T L. Group cognitive style and computerphobia in functional business simulations. [https://journals.tdl.org/absel/index.php/absel/article/view/1292\[2019-10-09\]](https://journals.tdl.org/absel/index.php/absel/article/view/1292[2019-10-09]).

Frideres J S, Goldenberg S, Disanto J, et al. 1983. Technophobia: incidence and potential causal factors. *Social Indicators Research*, 13(4): 381-393.

, . 2001. , (4): 19.

1.

"

"

"

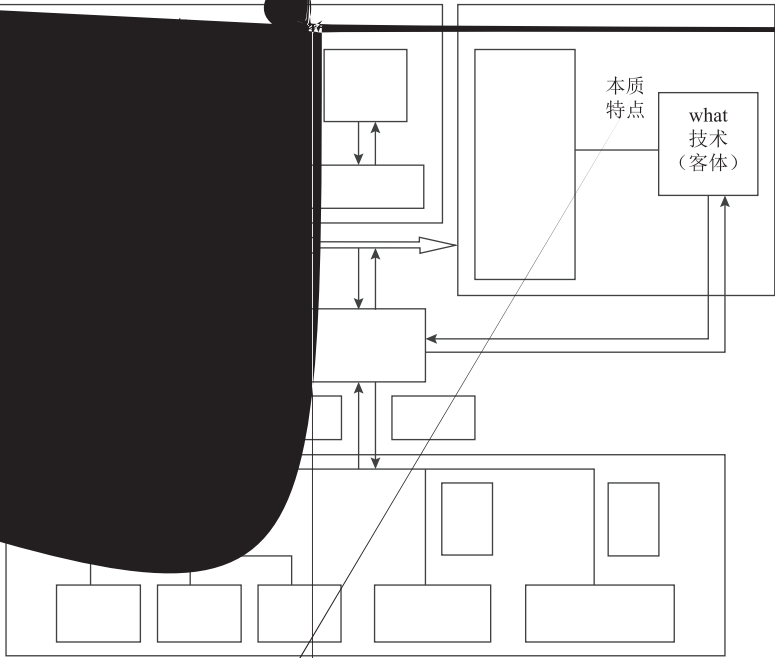
"

2.

1-3

Frideres J S, Goldenberg S, Disanto J, et al. 1983. Technophobia: incidence and potential causal factors. *Social Indicators Research*, 13(4): 381-393.

Frideres J S, Goldenberg S, Disanto J, et al. 1983. Technophobia: incidence and potential causal factors. *Social Indicators Research*, 13(4): 381-393.

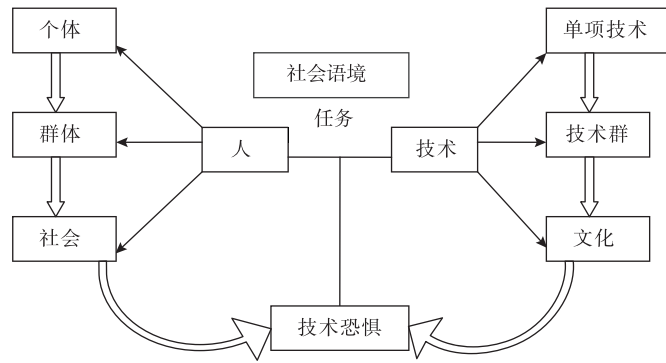


1-3

050 | _____



2-1



2-1

2-2 "

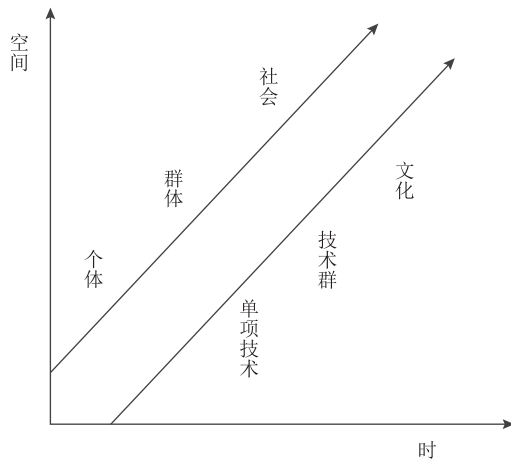
"

"

"

. .2000. . . : : 3.
. .2000. . . : : 2.

singleton techniques



2-2

. .2011. : . . : 20.
. .2000. . : : 5.
, , .2001. : : 132.

"

"

"

"

"

"

"

"

"

"

É



techniques "

"

"

18

"

.....

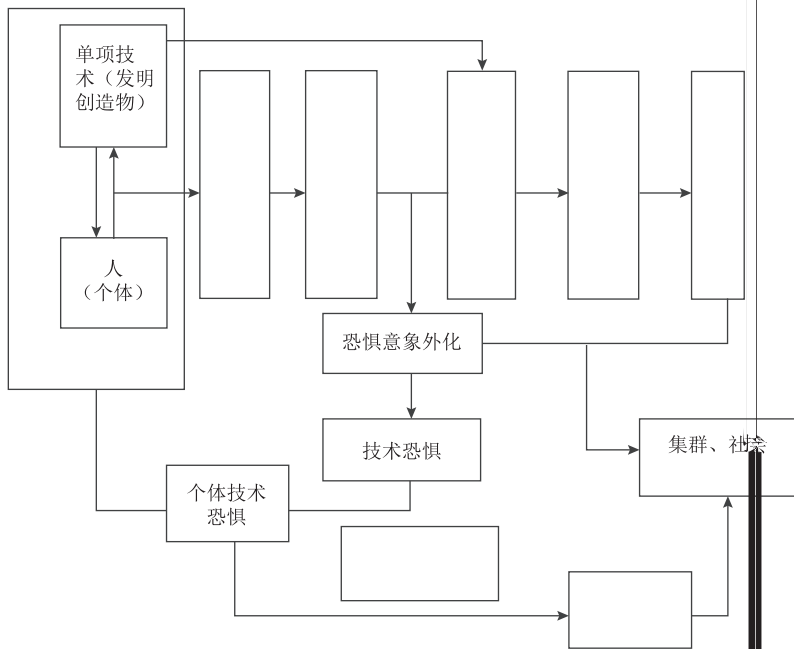
"

"

. 2008.	.	:	:	: 120.	
,	,	,	. 2001.	.	:
,	,	,	. 2001.	.	:
					: 130.
					: 134-135.

”

2-4



2-4

Bruno Jacomy

" "

"

"

"

Wahr-heit

" "

"

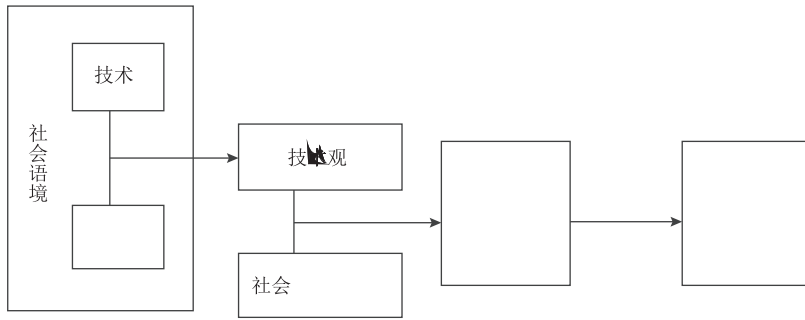
" "

"

"

. 2000. : 2.
. 2008. : 305.
F. . 1986. : 22.

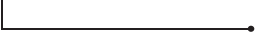
2-5



2-5

“

” ”



"

"

"

"

"

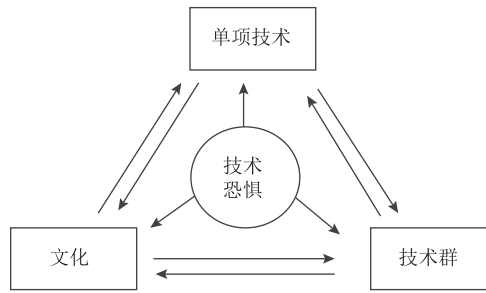
"

.....

"

"

"



2-6

" " "

" "

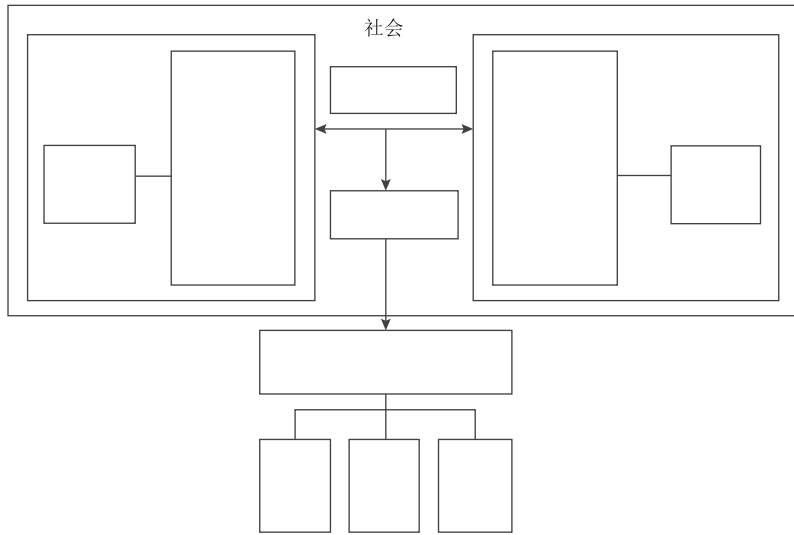
" "

"

"

. 2009. , , . : : 13.
. 2008. . : : 120.
. 2008. : , . :
: 32.

f



2-7

”

”

”

”

. 2000. : . . : : 63.

Transforming Technology: A Critical Theory Revisited

T-systemz element individual

"

.....

.....

"

"

"

"

"

"

"

2-8

2-9

.	. 2009.	.	,	,	.	:	:
99-100.							
.	. 2009.	.	,	,	.	:	: 100.
.	. 2009.	.	,	,	.	:	: 100.
.	. 2009.	.	,	,	.	:	: 102.

"

"

20

"

"

.	.	2009.	.	,	,	.	:	: 137.
.	.	2009.	.	,	,	.	:	: 155.

070 | _____

"

"

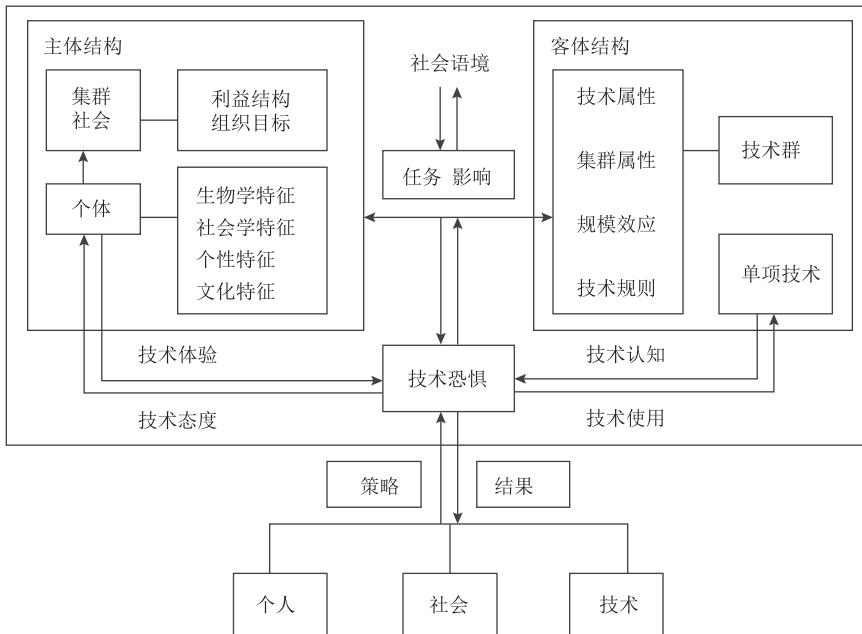
"

. 2009. . , , . :

: 193.

”

2-10



2-10

072 | _____

"

"

}

"

"

technology

techne

techne

technology

"

"

"

"

“

”

“

”

“

”

“ ” “ ”

”

“

”

”

. 2009. , , : 52.
 F. . 1986. , , : 3.
 . 2007. : : 10.
 . 2006. , (2): 299-304.

”

.....

”

”

”

”

”

”

”

·	. 2004.	:	·	·	:	:	1.
·	. 2004.	:	·	·	:	:	1.
·	. 2004.	:	·	·	:	:	2.
·	. 2004.	:	·	·	:	:	2.

"

"

"

"

"

"

"

"

"

"

"

-	. 2004.	:	.	.	:	: 3.
-	. 2004.	:	.	.	:	: 4.
-	. 2010.	:	.	.	: 46.	
-	. 2004.	:	.	.	:	: 4.
-	. 2004.	:	.	.	:	: 5.

" "

" "

"

"

" " " "

" " " "

-	. 2004.	:	.	.	:	: 5.
-	. 2004.	:	.	.	:	: 6.
-	. 2010.	.	.	:	: 100.	
-	. 2004.	:	.	.	:	: 8.

"

.....

" "

"

" " " "

" "

·	. 2004.	:	·	·	:	: 18.
·	. 2004.	:	·	·	:	: 19.

”

2-11

社会语

2-11



”

” ”

”

R. , F. , D. , .1999. : . : 133.
.2010. : : 59-60.

"

"

"

"

. 1987. , : : 51.
 1987. , : : 169.
 , . 1995. : : 214.

"

"

"

"

"

"

"

"

"

"

, 1995. ().

: 60.

E. , 2003. :

: 9.

. 2009. _____ ,

(7): 37-42.

. 2000. : : 224

. 2003. : : 52.

"

" "

"

1

. 1994. : 140.
. 1994. : 143.
. 2010. , (6): 71-75.

088 | _____

2

"

.

"

3

"

"

"

"

"

"

"

"

4

, . 2012. ().

. : : 51.

. 2003. . : : 46.

. 2005. . , . : : 6.

, . 2004. H. A. . , (4): 49-52.

090 | _____

5

QQ

" "

30 20 20

-
- Morris A, Goodman J, Brading H. 2007. Internet use and non-use: views of older users. *Universal Access in the Information Society*, 6(1): 43-57.
- Criel J, Geerts M, Claeys L, et al. 2011. Empowering elderly end-users for ambient programming: the tangible way//Riekkki J, Ylianttila M, Guo M. *Advances in Grid and Pervasive Computing. Lecture Notes in Computer Science*, vol 6646. Berlin: Springer: 94-104.
- Çoklar A N, Sahin Y L. 2011. Technostress levels of social network users based on ICTs in Turkey. *European Journal of Social Sciences*, 23(2): 171-182.
- Brosnan M J. 1998. *Technophobia: The Psychological Impact of Information Technology*. London and New York: Routledge: 18.

M. Sievert

5

ATM

ATM

3-2

3-2

15		20		21		30		31		40		41		50		51		60	
/		/%		/		/%		/		/%		/		/%		/		/%	
—	—	—	—	82	90.1	8	8.8	1	1.1	—	—	—	—	—	—	—	—	—	—
18	7.3	125	50.8	37	15.0	46	18.7	20	8.1	2	1.2	88	52.1	51	30.2	22	13.0	6	3.6
27	13.6	144	72.4	7	3.5	17	8.5	4	2.0	—	—	49	48.5	26	25.7	19	18.8	7	6.9
17	8.8	105	54.4	35	18.1	27	14.0	9	4.7	61	14.5	122	28.9	92	21.8	81	19.2	66	15.6
125	8.8	715	50.3	256	18.0	213	14.9	112	7.9										

100%

3-2

ATM

ATM

J. Anderson

V. Elder

J.

Dyck

J. Smither

1994

30

55

Brosnan M J. 1998. Technophobia: The Psychological Impact of Information Technology. London and New York: Routledge: 18.

Sinkovics R R, Stöttinger B, Schlegelmilch B B, et al. 2002. Reluctance to use technology-related products: development of a technophobia scale. Thunderbird International Business Review, 44(4): 477-494.

32% 41% 18
25% 60
18 39

" " " 80 " " 90 " " 00 "

3.06

3.32

3-3

3-3

Petrina S, Feng F, Kim J. 2008. Researching cognition and technology: how we learn across the lifespan. *International Journal Technology and Design Education*, 18(4): 375-396.

Çoklar A N, Sahin Y L. 2011. Technostress levels of social network users based on ICTs in Turkey. *European Journal of Social Sciences*, 23(2): 171-182.

3-3

<i>n</i>	<i>/</i>	\bar{x}	Sd	df	<i>t</i>	<i>p</i>
132		3.32	0.71	285	3.036	0.003
155		3.06	0.73			

" 20

80

1983 2006 36% 21% 2008

18%

15% "

Jackson L A, Ervin K S, Gardner P D, et al. 2001. Gender and the internet: women communicating and men searching . *Sex Roles: A Journal of Research*, 44(5-6): 363-379.

Brosnan M J. 1998. *Technophobia: The Psychological Impact of Information Technology*. London and New York: Routledge: 22.

Brosnan M J. 1998. *Technophobia: The Psychological Impact of Information Technology*. London and New York: Routledge: 22.

, . 2013. " " "

, (9):11-17.

J. Kagan

"

"

"

"

99%

Brosnan M J. 1998. *Technophobia: The Psychological Impact of Information Technology*. London and New York: Routledge: 49.

Barua A. 2012. Gendering the digital body: women and computers. *AI & Society*, 27(4): 465-477.

Kimbrough D R. 1999. On-line "chat room" tutorials—an unusual gender bias in computer use. *Journal of Science Education and Technology*, 8(3): 227-234.

S. Dunnett

STS

"

"

Richardson H, French S. 2005. Opting out? Women and on-line learning. *Computers and Society*, 35(2): 2.
Jackson L A, Ervin K S, Gardner P D, et al. 2001. Gender and the internet: women communicating and men searching. *Sex Roles: A Journal of Research*, 44(5-6): 363-379.

. 2007. . : 145.

"

"

. 2014.

(), (3): 226-231.

Kotzé T G, Anderson O, Summerfield K. 2016. Technophobia: gender differences in the adoption of high-technology consumer products. *South African Journal of Business Management*, 47(1): 21-28.

Metlay

20 80

La Porte

Frideres J S, Goldenberg S, Disanto J, et al. 1983. Technophobia: incidence and potential causal factors. *Social Indicators Research*, 13(4): 381-393.

Koo C, Wati Y. 2011. What factors do really influence the level of technostress in organizations? An empirical study. *New Challenges for Intelligent Information and Database Systems*, 14(11): 339-348.

104 | _____

"

"

o

20 90

"

"

Brosnan M J. 1998. *Technophobia: The Psychological Impact of Information Technology*. London and New York: Routledge: 123.

Hickey K D. 1992. Technostress in libraries and media centers: case studies and coping strategies. *Tech Trends: Linking Research and Practice to Improving Learning*, 37(2): 17-20.

, . 2017.

, (6): 37-45.

65%

67%

"

"

"

"

C. J. _____, D. M. _____. 1995. _____ : _____, (9): 61-65.

Brosnan M J. 1998. *Technophobia: The Psychological Impact of Information Technology*. London and New York: Routledge: 136.

Frideres J S, Goldenberg S, Disanto J, et al. 1983. Technophobia: incidence and potential causal factors. *Social Indicators Research*, 13(4): 381-393.



Kahn R L, Wolfe D M, Quinn R P, et al. 1965. Organizational stress: studies in role conflict and ambiguity. *American Sociological Review*, (10): 1.

, , . 2010.

, (4): 62-67.

Bloom

Wajcman

Kirkup

]

" "

Ahmad

ATM CD

word

52.1%

20%

Ahmad J I. 2011. Technophobia phenomenon in higher educational institution: a case study. Penang Malaysia: 2011 IEEE Colloquium on Science and Engineering (CHUSER): 111-116.

Sinkovics R R, Stöttinger B, Schlegelmilch B B, et al. 2002. Reluctance to use technology-related products: development of a technophobia scale. *Thunderbird International Business Review*, 44(4): 477-494.

Frideres J S, Goldenberg S, Disanto J, et al. 1983. Technophobia: incidence and potential causal factors. *Social Indicators Research*, 13(4): 381-393.

"

"

, . 2006.
, (3): 157-160.

. (

"

—

—

"

@

			23
1/3	16		20%
10	13%		4
5%		2.5	
4%		55	
70%			

" "

" " "

"

"

"

" "

"

"

"

F. .2000. . . , (1): 50-59.

F. .2000. . . , (1): 50-59.

. .2011. : . . : : 254.

F. .2000. . . , (1): 50-59.

. .2011. : . . : : 231-232.

Frideres J S, Goldenberg S, Disanto J, et al. 1983. Technophobia: incidence and potential causal factors. Social Indicators Research, 13(4): 381-393.

" "

" "

"
"

"

.....

"

, .1990. . . . : :117.
Fass E. 1980. Ted Hughes: The Unaccommodated Universe. Santa Barbara: Black Sparrow Press: 186.

"

.....

"

"

"

ó

"

"

extraversion

agreeableness

conscientiousness

emotional stability

openness to experience

"

"

Appa Rao Korukonda

Korukonda A R. 2005. Personality, individual characteristic, and predisposition to technophobia: some answers, questions, and points to ponder about. *Information Sciences*, 170(2): 309-328.

self-efficacy

"

"

D. R.

Compeau

C. A. Higgins

Korukonda A R. 2005. Personality, individual characteristic, and predisposition to technophobia: some answers, questions, and points to ponder about. *Information Sciences*, 170(2): 309-328.

Henry J W, Stone R W. 1997. The development and validation of computer self-efficacy and outcome expectancy scales in a nonvolitional context. *Behavior Research Methods Instruments & Computers*, 29(4): 519-527.

Koo C, Wati Y. 2011. What factors do really influence the level of technostress in organizations? An empirical study. *New Challenges for Intelligent Information and Database Systems*, 14(11): 339-348.



„

.....

„

..... 1993. : : 23-24.

"

"

"

"

"

"

“

”

“

”

. 2008.

：

: 145.

. 2007.

：

。

：

：

: 7.

"

"

"

"

"

"

"

"

"

"

"

"

technophile

"

"

"

. 2008. : :

: 147.

. 2008. : :

: 155.

"

"

"

"

"

"

"

"

"

.	. 2000.	:	.	.	:	: 2.
.	. 2000.	:	.	.	:	: 11.
.	. 2000.	:	.	.	:	: 12.

“

”

“

”

“

”

“

”

“

”

. 2008.

: 149.

. 2007.

: 5.

. 2000.

: 13.

A. Giddens

"

"

N. Luhmann

"

" "

"

"

"

Charles P. 1994. Accidents in high-risk system. *Technology Studies*, (1): 25.
. 2011. , (6): 20-24.
. 2004. : : 59.

"

"

"

"

"

"

.	. 2010.	.	.	:	.	.	:	65.
.	. 2011.	:	.	.	.	.	:	.
257.	.	.	.	.	.	.	.	.
.	. 2011.	:	.	.	.	.	:	15.

“

”

“

”

. 2011. : : :
241.
Sinkovics R R, Stöttinger B, Schlegelmilch B B, et al. 2002. Reluctance to use technology-related products: development of a technophobia scale. *Thunderbird International Business Review*, 44(4): 477-494.



"

"

K. Popper

"

"

Hickey K D. 1992. Technostress in libraries and media centers: case studies and coping strategies. *Tech Trends: Linking Research and Practice to Improving Learning*, 37(2): 17-20.

. 2008. . : : 145.

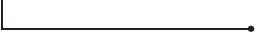
. 2005. . : : 337.

"

"

"

"



"

"

"

"

"

"

W. H. Hendrix



. 2005. : : 76.
. 1997. : : 438.

Koo C, Wati Y. 2011. What factors do really influence the level of technostress in organizations? An empirical study. *New Challenges for Intelligent Information and Database Systems*, 14(11): 339-348.

" 9. 11"

"

"

"

"

"

"

17

"

.	.2009.	.	,	,	.	:	: 11.
.	.2010.	.	.	:	.	5.	
.	.2010.	.	.	:	.	4.	



.....

"

"

"

"

"

"

"

"

"

"

"

. . . 2004. : . . . : 3.
. . . 2003. . . : : 83.

D. E. Stokes

"

"

"

"

"

.....

"

"

"

"

2500

..... B-52

"

.	. 2011.	:	.	,	.	:	:
223-224.							
.	. 2011.	:	.	,	.	:	:
224.							
.	. 2008.	:	.	,	.	:	
: 4.							

information communication technology

ICT

148 | _____

1997

The 6th Day

II

Star Wars Episode II: Attack of the Clones

" "

" "

J. Rotblat

"

"

"

"

. 2006. " " . , (10): 87-89.
. 1997. : : 149.
. 2006. " " . , (10): 87-89.

20

21

“

”

1945

1954

21

2011

AP1000

"

"

"

.....

"

"

"

"

"

. 2011-09-01. , 4 .
. 2011. — , (5):
7-10.
. 1997. — : : 51.
. 2011-09-01. , 4 .

—
—

"

"

"

"

" 9. 11"

"

"

F. . 1986. . , , . : : 48.
. . 2009. — . , . :
: 159.



1986

" "

1992

M. Douglas

S. Lash

Wouter Achterberg

"

"

1986

" "

1999

_____ . 2005. _____ , _____ , _____ .
_____ : _____ : 1.

" "

"

"

"

"

"

"

"

"

The Consequences of Modernity 1990

Modernity and Self-Identity 1991

Runaway World 1999

. .2004. . . : : 3.
. .2004. . . : : 19.
. , . , . .2001. . . :
: 5.
, .2016. — . , (5): 35-40.

C. Lau " "

. von Prittwitz " " " "

" "

20 50

20

"

" " 21

"

"

"

"

"

"

"

20

20 80

. .2004. . . : : 2.
. .2004. . . : : 3.
. .2004. . . : : 19.
.2009. . . , (1): 143-148.

"

"

. 2008.	:	—	.	, (6):
11-14.				
. 2008.	:	—	.	, (6):
11-14.				

“

”

“

”

”

”

”

.....

”

- .2004. : : 15.
- .2001. : : 29.
- .2004. : : 18-19.

" "

"

"

14 16

"

"

"

"

Boehme-Neßler V. 2011. Caught between technophilia and technophobia: culture, technology and the law//Boehme-Neßler V. Pictorial Law: Modern Law and the Power of Pictures. Berlin: Springer Berlin Heidelberg: 1-18.

. 2006. : 35.
. 2008. : , :
: 378.

" 1

2

3

4

"

"

"

"

"

. .2008. : . , . :

: 385.

. .2007. : . . : : 12.

. .2008. : . , . :

: 383.

"

.....

"

"

" "

"

"

"

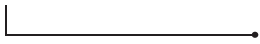
"

"

"

"

· . 2008.	:	· , · :
: 387-388.		
· . 2008.	:	· , · :
: 389.		
· . 2008.	:	· , · :
: 391.		
· . 2008.	:	· , · :
: 391.		
· . 2008.	:	· , · :
: 392.		



"

"

"

"

"

"

"

"



. 2008. : . , . :

: 394.

. 2008. : . , . :

: 389.

. 2007. : . : : 20.

. 2008. : . , . :

: 389.

"

"

"

"

"

"

William Wordsworth

"

"

Matthew

Arnold

"

"

, . 1995. .

. : : 277.

. . 2007. : . : : 6.

. . 2008. : . , . : : 397.

Dusek V. 2006. *Philosophy of Technology: An Introduction*. Oxford: Blackwell Publishing Ltd: 181.

. . 2007. : . : : 24-25.

"

"

20

A. Leopold

Sand County Almanac

Rachel Carson

Silent Spring

"

"

—

Limits

to Growth

The Matrix

The Terminator

Frankenstein

Jurassic Park

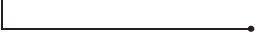
Avatar

The

Day the Earth Stood Still

Y

U



"

"

"

"

"

"

"



. 2009. — : 159.
Boehme-Neßler V. 2011. Caught between technophilia and technophobia: culture, technology and the law//Boehme-Neßler V. Pictorial Law: Modern Law and the Power of Pictures. Berlin: Springer Berlin Heidelberg: 1-18.

megamachine

" "

"

"

.....

"

"

"

"

. 2008. : : 502.
. 2008. : : 505.
. 1997. : : 438.

" 1945

"

. 2011. : . , . : : 245.

180 | _____

“

” ”

”

”

”

”

”

. 2005. : : 359.
. 2011. : . , . : :
236-237.
. 2011. : . , . :

"

"

"

"

18

20

"

"

"

"

"

"

" 9. 11"

.2000. : : 111.
.2004. : : 15.

"

"

"

"

. .2009. —
: 208-209.
. .2009. —
: 221.

. , . :
. , . :

" "

"

"

"

"

”

”

. . . 2008. :
: 128.

. . . , . . . :

"

"

"

"

. . 2009. — : 132.

. . 2008. : : 127.

. , . :

. , . :

"

"



1970



*Technophobia The Psychological Impact of Information
Technology*

"
"

2002 36.3%
visual display terminals VDT
VDT

F. . 1986. : 48.
Fukuta K, Koyama T, Uozumi T. 2005. Representation of visual fatigue during VDT work using bayesian network//Abraham A, Dote Y, Furuhashi T, et al. Soft Computing as Transdisciplinary Science and Technology. Advances in Soft Computing. Vol29. Berlin: Springer: 581-590.

"

"

"

"

S. Champion

ATM

"

Aida R, Azlina A B, Balqis M. 2007. Techno stress: a study among academic and non academic staff//Dainoff M J. Ergonomics and Health Aspects of Work with Computers. Lecture Notes in Computer Science. vol.4566. Berlin: Springer Berlin Heidelberg: 118-124.

Aida R, Azlina A B, Balqis M. 2007. Techno stress: a study among academic and non academic staff//Dainoff M J. Ergonomics and Health Aspects of Work with Computers. Lecture Notes in Computer Science. vol.4566. Berlin: Springer Berlin Heidelberg: 118-124.

Çoklar A N, Sahin Y L. 2011. Technostress levels of social network users based on ICTs in Turkey. European Journal of Social Sciences, 23(2): 171-182.

Himma K E. 2007. The concept of information overload: a preliminary step in understanding the nature of a harmful information-related condition. Ethics and Information Technology, 9(4): 259-272.

200 | _____

ATM

ATM

ATM

ATM
ATM"

ATM

ATM

"

"

83%

P. E. Brillhart

Hickey K D. 1992. Technostress in libraries and media centers: case studies and coping strategies. *Tech Trends: Linking Research and Practice to Improving Learning*, 37(2): 17-20.

Sinkovics R R, Stöttinger B, Schlegelmilch B B, et al. 2002. Reluctance to use technology-related products: development of a technophobia scale. *Thunderbird International Business Review*, 44(4): 477-494.

Lin I M, Peper E. 2009. Psychophysiological patterns during cell phone text messaging: a preliminary study. *Applied Psychophysiology and Biofeedback*, 34(1): 53-57.

50%

Çoklar A N, Sahin Y L. 2011. Technostress levels of social network users based on ICTs in Turkey. *European Journal of Social Sciences*, 23(2): 171-182.

Himma K E. 2007. The concept of information overload: a preliminary step in understanding the nature of a harmful information-related condition. *Ethics and Information Technology*, 9(4): 259-272.

Koo C, Wati Y. 2011. What factors do really influence the level of technostress in organizations? An empirical study. *New Challenges for Intelligent Information and Database Systems*, 14(11): 339-348.

. 2010. . . : 27.

Brosnan M J. 1998. *Technophobia: The Psychological Impact of Information Technology*. London and New York: Routledge: 11.

Coppola A, Verneau F. 2014. An empirical analysis on technophobia/technophilia in consumer market segmentation. *Agricultural and Food Economics*, 2(1):1-16.

"

"

"

"

"

"

, . 1993.
, (2): 33-42.

—

.

"

"

2015 12 16

"

"

"

"

"

Olson Mancur

"

, . 1993. _____
 , (2): 33-42.
 . 2017. (). : : 535.
 . 2010. " " " " , (4): 30-31.
 . 2011. : , : : 243.

" " " "

" "

18 19

"

"

"

. 2009. — . , . :
: 20.
. 2009. . , . : : 254.

"

"

"

W. Cobbett

"

"

W. Blake

"

"

"

"

"

" "

"

19

20

19

"

"

20

60

"

Dusek V. 2006. Philosophy of Technology: An Introduction. Oxford: Blackwell Publishing Ltd: 177.

. 2008. : . , . : : 396.

. 2011. : . , . : : 276.

Dusek V. 2006. Philosophy of Technology: An Introduction. Oxford: Blackwell Publishing Ltd: 181.

. 2008. : . , . : : 396.

. 2011. : . , . : : 277.

Dusek V. 2006. Philosophy of Technology: An Introduction. Oxford: Blackwell Publishing Ltd: 181.

"

Luddite movement

" " 18 19 " "

19

" "

20

" " 1990

C. Glendinning

"

"

" " 1866 Ernst
Haeckel 20

20 60

S. Moscovici "

" 20 70

1968

1970 4 22 2000

20

1988

"

"

"

"

. 2005. : . , . : . .
 : 16-17.
 . 2005. . .
 : 41.

1972

1987

1992

6

21

21

1997

"

"

216 | _____

19

20

20

"

" "

"

" "

" "

"

"

" "

"

"

F. . 1986. : : 15.
. 2004. : : 16.

Dinello D. 2005. *Technophobia: Science Fiction Visions of Posthuman Technology*. Austin: University of Texas Press: 6.

· C.
" "



"

"

"

"

"

"

"

"

"

"

"



. 2011. (), (2):
 35-39.
 . 2008. : : 335.
 . 2008. — : : 32.
 . 2008. — : : 2.
 . 2008. : : 324.
 . 2008. : : 325.

"
"

"

threat —

—

....

"

. 2008. :
. 2011. :
35-39.

: 327.
(), (2):



"

"

1

“ ”

2

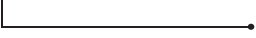
3

4

5

18

20



"

.....

.....

"

“

”

J. Ziman “

”

1

"

"

. .2009. —
: 16.

. , . :

“
”

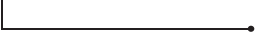
2

232 | _____

3

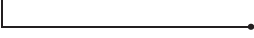
1831

Boehme-Neßler V. 2011. Caught between technophilia and technophobia: culture, technology and the law//Boehme-Neßler V. Pictorial Law: Modern Law and the Power of Pictures. Berlin: Springer Berlin Heidelberg: 1-18.



"

"



“

”

”

· · · 2005. — · · · , · · · :
: 206.

“

”

“

”

· . 2010. : 77.

· . 2007. : : 5.

"

"



1

2

3

4

5

6

7

8

Arthur C. Clarke

"

"

. 2010.

F. . 1986.

. 2007.

. 2007.

, . 2005.

, 22(1): 10-13 .

. 1996.

. 2003. —

, (3): 42-52.

, . 2002. , 19(1): 1-5.

, . 2006.

. 2009. —

, (7): 37-42.

. 1999.

. 1998.

. 1999.

. 2008. —

. 2001.

. 2001.

K. T. . 1986.

. 2008.

. 1999.

. 2007.

. 2004. , 18(7): 483-485.

. 2008.

, . 2018-08-13.

6 .

. 2001. , 17(3): 24-26.

, . 2005. , 23(6): 39-42.

. 2011.

. 2006. " " , (10): 87-89.

. 2011. (

), (2): 35-39.

. 2011. , (1): 23-28.

. 2011. , (6): 228-231.

. 2009.

- . 2017. , (1): 9-13.
- . 2018. , (4): 93-100.
- . 2009. :
- . 2010. " " ? , (7): 89-94.
- . 2011. " " , (7): 103-108.
- , 1995. ().
- ;
- , , 2010. , 5(15): 250-252.
- . 2007. : . : .
- . 2016. , (8): 37-41.
- . 2011. : , : .
- . 2004. : .
- R. , F. , D. , 1999. : .
- . 2000. : .
- . 2010. : .
- , 2017. , (6):37-45.
- , 2010. — , (4): 62-67.
- , 2009. , (9): 18-20.
- , 2010. , 25(1): 46-50.
- . 2008. " " : . : .
- . 2003. , : .
- . 2011. , (5): 114-124.
- . 2001. : .
- . 1997. : .
- . 2006. , 22(11): 54-57.
- . 2000. , (2): 18-19.
- , 2005. , (7): 44-51.
- . 2001. , 23(5): 1-8.

- . 2002. : . , (1): 46-51.
- . 2010. STS , (1): 38-42.
- . 2000. : .
- . 1999. : . , (1): 38-42.
- . 1993. : .
- . 2004. : .
- . 2002. , 19(3): 43-46.
- . 2008. : .
- . 2004. : .
- . 2004. , (10): 16-20.
- . 2005. : .
- . 2010. " " " " , (4): 30-31.
- . 2011. , (12): 53-56.
- . 2008. : .
- . 2008. : .
- . 2005. — : .
- . 2004. : .
- . 2003. : , 20(6): 37-40.
- . 2006. , (6): 57-61.
- . 2004. : .
- . 2008. , (3) : 1-5.
- . 2001. , (4):19.
- . 1990. , (3): 31-35.
- . 2000. , 16(4): 23-26.
- . 2001. : .
- . 2002. " " , 24(1): 2-8.
- . 2004. , 8(3): 117-122.
- . 2004. , (6): 63-66.

Ahmad J I, Daud M S. 2011. Technophobia phenomenon in higher educational institution: a case study. Penang Malaysia: 2011 IEEE Colloquium on humanities, Science and Engineering: 111-116.

Aida R, Azlina A B, Balqis M. 2007. Techno stress: a study among academic and non academic staff//Dainoff M J. Ergonomics and Health Aspects of Work with Computers. Lecture Notes in Computer Science. vol.4566. Berlin: Springer Berlin Heidelberg: 118-124.

- Barua A. 2012. Gendering the digital body: women and computers. *AI & Society*, 27(4): 465-477.
- Bird J. 1991. *Overcoming Technofear*. London: Management Today: 86-87.
- Boehme-Neßler V. 2011. *Pictorial Law, Modern Law and the Power of Pictures*. Berlin: Springer Berlin Heidelberg: 3.
- Brenner A, Gayon J. 2009. *French Studies in the Philosophy of Science*. Dordrecht: Springer.
- Brosnan M J. 1998. *Technophobia: The Psychological Impact of Information Technology*. London and New York: Routledge.
- Brosnan M J, Thorpe S J. 2006. An evaluation of two clinically-derived treatments for technophobia. *Computers in Human Behavior*, (22): 1080-1095.
- Bruckman A. 1998. Community support for constructionist learning. *Computer Supported Cooperative Work: The Journal of Collaborative Computing*, 7(1-2): 47-86.
- Charles P. 1994. Accidents in high-risk system. *Technology Studies*, (1): 25.
- Cogan J M. 2002. Some philosophical thoughts on the nature of technology. *Knowledge, Technology & Policy*, 15(3): 93-99.
- Çoklar A N, Sahin Y L. 2011. Technostress levels of social network users based on ICTs in Turkey. *European Journal of Social Sciences*, 23(2): 171-182.
- Coppola A, Verneau F. 2014. An empirical analysis on technophobia/technophilia in consumer market segmentation. *Agricultural and Food Economics*, 2(1):1-16.
- Craig B. 1984. *Technostress: The Human Cost of the Computer Revolution*. Boston: Addison Wesley: 1-3, 242.
- Criel J, Geerts M, Claeys L, et al. 2011. Empowering elderly end-users for ambient programming: the tangible way//Riekkki J, Ylianttila M, Guo M. *Advances in Grid and Pervasive Computing*. Lecture Notes in Computer Science, vol 6646. Berlin: Springer: 94-104.
- Cuijpers P, Schuurmans J. 2007. Self-help interventions for anxiety disorders: an overview. *Current Psychiatry Reports*, 9(4): 284-290.
- Dinello D. 2005. *Technophobia: Science Fiction Visions of Posthuman Technology*. Austin: University of Texas Press: 8.
- Dusek V. 2006. *Philosophy of Technology: An Introduction*. Oxford: Blackwell Publishing Ltd: 181.
- Elaluf-Calderwood S, Sorensen C. 2006. *Organizational Agility with Mobile ICT? The Case of London Black Cab Work*. Oxford: Butterworth-Heinemann.
- Fass E. 1980. *Ted Hughes: The Unaccommodated Universe*. Santa Barbara: Black Sparrow Press: 186. Frideres J S, Goldenberg S, Disanto J, et al. 1983. Technophobia: incidence and potential causal factors. *Social Indicators Research*, 13(4): 381-393. Fukuta K, Koyama T, Uozumi T. 2005. Representation of visual fatigue during VDT work using bayesian network//Abraham A, Dote Y, Furuhashi T, et al. *Soft Computing as Transdisciplinary Science and Technology*. *Advances in Soft Computing*. Vol29.

- Berlin: Springer: 581-590.
- Gruber S. 2004. The good, the bad, the complex: computers and composition in transition. *Computers and Composition*, 21(1): 15-28.
- Hanks P. 1986. *Collins Dictionary of the English Language*. London: William Collins Sons & Co. Ltd: 1564.
- Harris R M. 1997. Teaching, learning and information technology: attitudes towards computers among Hong Kong's faculty. *Journal of Computing in Higher Education* Fall, 9(1): 89-114.
- Hendrix W H, Summers T P, Leap T L, et al. 1995. Antecedents and organizational effectiveness outcomes of employee stress and health//Crandall R, Perrewé P L. *Series in Health Psychology and Behavioral Medicine*. Philadelphia: Taylor & Francis: 73-92.
- Henry J W, Stone R W. 1997. The development and validation of computer self-efficacy and outcome expectancy scales in a nonvolitional context. *Behavior Research Methods Instruments & Computers*, 29(4): 519-527.
- Hickey K D. 1992. Technostress in libraries and media centers: case studies and coping strategies. *Tech Trends: Linking Research and Practice to Improving Learning*, 37(2): 17-20.
- Himma K E. 2007. The concept of information overload: a preliminary step in understanding the nature of a harmful information-related condition. *Ethics and Information Technology*, 9(4): 259-272.
- Hogan M. 2008. Age Differences in Technophobia: An Irish Study//Wojtkowski W, Wojtkowski G, Lang M, et al. *Information Systems Development: Challenges in Practice, Theory, and Education*. Vol. 1. Boston: Springer: 117-130.
- Jackson L A, Ervin K S, Gardner P D, et al. 2001. Gender and the internet: women communicating and men searching. *Sex Roles*, 44(5-6): 363-379.
- Jay T. 1981. Computerphobia: what to do about it. *Educational Technology*, (21): 47.
- Kahn R L, Wolfe D M, Quinn R P, et al. 1965. Organizational stress: studies in role conflict and ambiguity. *American Sociological Review*, (10): 1.
- Khasawneh O Y. 2018. Technophobia without borders: the influence of technophobia and emotional intelligence on technology acceptance and the moderating influence of organizational climate. *Computers in Human Behavior*, 88(11): 210-218.
- Kimbrough D R. 1999. On-line "chat room" tutorials—an unusual gender bias in computer use. *Journal of Science Education and Technology*, 8(3): 227-234.
- Koo C, Wati Y. 2011. What factors do really influence the level of technostress in organizations? An empirical study. *New Challenges for Intelligent Information and Database Systems*, 14(11): 339-348.
- Korukonda A R, Finn S. 2003. An investigation of framing and scaling as confounding variables in information outcomes: the case of technophobia. *Information Sciences*, 155(1-2): 79-88.
- Korukonda A R. 2005. Personality, individual characteristic, and predisposition to

- technophobia: some answers, questions, and points to ponder about. *Information Sciences*, 170(2): 309-328.
- Kotzé T G, Anderson O, Summerfield K. 2016. Technophobia: gender differences in the adoption of high-technology consumer products. *South African Journal of Business Management*, 47(1): 21-28.
- Leonard N H, Leonard T L. Group cognitive style and computerphobia in functional business simulations. <https://journals.tdl.org/absel/index.php/absel/article/view/1292> [2019-10-09].
- Lin I M, Peper E. 2009. Psychophysiological patterns during cell phone text messaging: a preliminary study. *Applied Psychophysiology and Biofeedback*, 34(1): 53-57.
- Llobera J R 2003. *An Invitation to Anthropology: The Structure, Evolution and Cultural Identity of Human Societies*. New York: Berghahn Books.
- Lloyd M, Albion P. 2009. Altered geometry: a new angle on teacher technophobia. *Journal of Technology and Teacher Education*, 17(1): 65-84.
- Micera S, Carrozza M C. 2005. A simple robotic system for neurorehabilitation. *Autonomous Robots*, (19): 271-284.
- Mitcham C. 1994. *Thinking through technology: The path between engineering and philosophy*. Chicago: The university of Chicago Press.
- Morris A, Goodman J, Brading H. 2007. Internet use and non-use: views of older users. *Universal Access in the Information Society*, 6(1): 43-57.
- Nahl D. 1996. *An Integrated Theory of Information Behavior: Taxonomic, Psychodynamic, Ethnomethodological*. Berlin: Springer.
- Pelgrum W J, Plomp T. 1991. *The Use of Computers in Education Worldwide: Results From The IEA "Computers in Education" Survey in 19 Educational Systems*. Oxford: Pergamon Press: 8-12.
- Petrina S, Feng F, Kim J. 2008. *Researching cognition and technology: how we learn*

International Business Review, 44(4): 477-494.

Weil M M, Rosen L D. 1997. Technostress: coping with technology @Work @Home @Play. NewYork: John Weley Sons.

William S, Cooper L. 2002. Managing Workplace Stress: A Best Practice Blueprint. Chichester: John Wiley & Sons.



"

"

"

"

"

"

256 | _____