Artificial Intelligence formulated this projection for compatibility purposes from the original article published at Global Journals. However, this technology is currently in beta. *Therefore, kindly ignore odd layouts, missed formulae, text, tables, or figures.*

1	Cultural Dimensions Origins: Measures for Power Distance and
2	Uncertainty Avoidance
3	Rabeb Riahi ¹ and Foued Hamouda ²
4	¹ Gabes University
5	Received: 8 December 2017 Accepted: 2 January 2018 Published: 15 January 2018
6	

7 Abstract

- ⁸ This study seeks to develop a measure method of national culture based on cultural origins.
- 9 Two cultural dimensions are studied; power distance (POWD) and uncertainty avoidance
- ¹⁰ (UAV). Methodology used is SEM method under LISREL approach. Findings show that
- ¹¹ environmental factors are able to determine cultural dimensions studied in our sample
- ¹² countries. Nevertheless, we found that cultural dimensions indicators? have evolved and are
- ¹³ no longer the same identified in prior researches suggesting that environment evolution? sleeds
- ¹⁴ to the creation of new subsistence means and new cultural needs.

15

16 Index terms— power distance, uncertainty avoidance, MES method, environmental factors.

17 **1 Introduction**

ulture is widely perceived as the set of values and beliefs shared with in a same community. Existing literature 18 distinguishes several levels of culture; national culture, gender culture, generation culture, organizational culture, 19 professional culture... Our study concentrates on national culture because it is programmed in individuals' 20 minds since their birth's day and developed through their daily life. It is there fore the deepest level of mental 21 programming ??Hofstede, 1989). Existing literature documents a variety of determinants used to operationalize 22 national culture in order to easily relate it to different social choices aspects. This is why several researches 23 try to develop methods measuring national culture by giving it attributes or dimensions. In fact, culture has 24 25 been measured through some proxies like nationality (Daniels and Radebaugh, 2001), language (Nair and Frank, 26 1980; Pinker, 1995; ?? otazzi and Peri, 2003) or religion (Griffin and Pustay, 2003). Some other researchers developed indices to measure cultural dimensions (Hofstede, 1980; Schwartz 1994). 27

Although existing studies give many models to measure national culture, their contributions were limited and criticized because they do not take into account the dynamic nature of culture. National culture in our sample countries is identified by using Hofstede's (1980) cultural Model. Indeed, Sondergaard (1994) and Schwartz and Sagiv (1995) argue that criticisms of Hofstede's (1980) works represent a minority in national culture study researches. Therefore, Hofstede's cultural dimensions can serve as a guide for several studies studying culture

influences (Magnini, 2009).
Otherwise, Hofstede (1980) considers that cultura

Otherwise, Hofstede (1980) considers that cultural dimensions in a given country have their origins in economic and demographic conditions. Hence, environment and society nature is a resultant of human behavior that follows a dynamic of that environment in order to achieve goals and meet specific needs ??Bennet, 2005). Consequently, Steward (1955) concludes that cultural diversity is a result of "ecological" diversity, which justifies the fact that different cultures employ different technologies and subsistence practices.

The main purpose of this paper is to develop a measure to two of Hofstede cultural dimensions namely power distance (POWD), uncertainty avoidance (UAV) through ecological indicators. Cultural ecology theory initiated by Steward (1955) and developed by a number of researchers (Bennett, 2005 ;Zimmerer, 2007...) considers a dynamic relationship between individual and his environment. Then, by reference to cultural ecology theory, we measure our sample countries cultural dimensions through their economic and demographic characteristics under structural equations model (SEM). 45 Studying cultural dimensions determinants is interesting because it has been hypothesized that human behavior 46 is widely influenced by beliefs. In fact, sociological model of human behavior (Jensen and Meckling, 1994)considers 47 that individual's behavior and decision-making are conditioned by their values and beliefs, which are taught by 48 cultural influences of the society in which he has evolved.

This study gives contributions to the existing literature as follows. First, it represents an extension to studies considering cultural relativism to understand human beliefs and behaviors in their contexts. Second, our study proposes a framework in order to measure national culture that can be employed in future researches studying national culture influences. Finally, the framework proposed and based on SEM method includes quantitative measures to cultural dimensions suggesting a more objective and actualized findings.

The remainder of the paper is structured as follows. In the next section we review relevant literature and we develop research hypotheses. In the third section, we describe research methodology and data measurement. Empirical results and their discussions are reported in section 4. The final section provides conclusion of the paper.

58 2 C

59 II.

⁶⁰ 3 Literature Review and Hypotheses Development a) National ⁶¹ culture origins: The cultural ecology theory

Cultural ecology theory refers to the ways in which a given society interacts with its environment. The theoretical framework of this relationship has been defended by several researchers in cultural anthropology and human geography such as Steward (1955), Lévis-Strauss (1962), Bennett (2005) and Zimmerer (2007). Thus, Two main approaches have been used to explain the relationship between society and environment; The deterministic or static view which considers society as a component shaped and driven by environmental factors (Davidson-Hunt and Berkes, 2003), and the possibilistic view that considers culture to be from the environment to cause or create a cultural style based on that environment ??Bennet, 2005).

The concept of cultural ecology (Steward, 1955) means studying the ways in which culture is used by individuals 69 70 to adapt to their environments (Sutton and Anderson, 2004). This discipline seeks to understand cultural 71 responses that result from individual's adaptation to changing environmental conditions (Steward, 1955). It is therefore about comparing subsistence patterns related to environmental processes and their role in changing 72 culture. Steward (1955) shows a multilinear evolution which envisages the recurring regularity of forms and 73 functions in different cultural areas but which come under comparable ecological conditions. The author suggests 74 therefore the hypothesis of "cultural core" which is defined as the set of cultural characteristics that are able to link 75 people more directly to their environments and which are necessary for their livelihood and their basic economic 76 activities. These cultural characteristics include technologies and tools that are determined by environmental 77 conditions and are developed to adapt to the ecological conditions and to exploit the surrounding environment. 78 Steward concludes that cultural diversity is due to ecological diversity, which justifies the fact that different 79 cultures employ different technologies and livelihood practices. He also demonstrates that societies sharing the 80 same cultural core may be very different from each other due to the secondary cultural traits that stem from the 81 cultural core and are caused by historical factors. The cultural ecology theory was later developed to lead to 82 the ecological anthropology approach that places the human being as a culturally driven actor within ecosystems 83 (Vayda and ??cCay, 1975, Davidson-Hunt and Berkes, 2003). This approach considers that people interact with 84 their environment affected by rituals, social institutions, communities and economies and will affect them in 85 return. 86

Later, adaptive dynamics extended the field of cultural ecology research by including system and feedback concepts ??Bennet, 2005). This vision follows a microsocial perspective focused on the individual's role. It assumes that the balance is not due to the automatic and unconscious process of social or cultural processes, but rather to individuals' choices and decisions. Therefore, the nature of society and the environment is a consequence of human behavior that follows a dynamic of that environment and aims to achieve goals and meet specific needs. Based on these theoretical frameworks, we expect that: H0: There is a significant relationship between cultural dimensions and environmental factors.

Applied to our study, the cultural ecology theory supposes to decode cultural dimensions through the environmental factors of a given country. Indeed, Hofstede (1980) considers that ecological factors are a consequence of the human nature and forces, and are at the origin of societal norms which determine the institution's structure and functions (see figure ??).

98 4 Consequences :

Institution fonctions and structure b) POWD determinants POWD means the extent to which subordinates accept that power in institutions to be unequally distributed. It is measured by the subordinate's perception of the chief's power. Hofstede (1980) emphasizes the historical heritage notion of culture. He linked POWD to several characteristics such as the country geographical position, the population size, inequality in the sharing

wealth and the weight of history. In the same way, the author establishes that the social organization is likely 103 to guide the culture of a given country. That is why Hofstede (1980) states that POWD can be determined by 104 the country's wealth. The author concludes that the wealthier the country, the lower the POWD. In addition, 105 Hofstede (1980) links POWD degree of a given country to its population size. He argues that the larger the size 106 of the population, the higher the degree of POWD. Indeed, the author argues that people in populous countries 107 accept less accessible political power more than that in less populated countries. Hence the following hypothesis: 108

POWD is negatively related to country wealth and $\mathbf{5}$ H1: 109 positively related to population size. c) UAV determinants 110

UAV means extent to which individuals feel threatened by uncertainty and unstructured situations. It deals 111 with the way that society approach risk. UAV is expressed by need for formalities, predictability and security 112 measures. Therefore, Hofstede (1980) considers three components of UAV degree: the need for rules, the desired 113 stability of employment and stress in everyday life. Hofstede (1994) argues that technology, education, laws and 114 rules help to mitigate uncertainties caused by nature. Thus, he considers that UAV can be identified by the 115 extent of adoption of new technologies. Indeed, the greater the degree of UAV, the more the society adopts new 116 technologies to overcome uncertainties. Hofstede (1980) also links UAV to attention attributed to education. He 117 argues that the greater the degree of UAV, the more the society is interested to education. In addition, Noravesh 118 and al. (2007) link security measures to economic stability. They argue that countries characterized by a high 119 UAV do not have economic stability and do not prefer investment in financial markets. Hence the following 120 121 hypothesis: H2: UAV is positively related to new technologies adoption degree and attention given to education 122 and, UAV is negatively related to investment in financial markets and economic stability degree.

6 III. Research Methodology and Data Measurement a) Data 123

measurement 124

For Hofstede (1980), the wealth of a given country can be identified through a more modern technology, a less 125 126 traditional agriculture, a development of urbanism, a better education system that favors an increase of the middle class. Development in technology is linked to those of information and communication. Hence, these can 127 reflect the extent of modernization of technology in a given country. The number of Internet users, the number of 128 fixed broadband Internet subscriptions per 100 people and the number of mobile subscriptions per 100 people are 129 used to measure the degree of adoption of new technologies. Moreover, Sudarwan and Fogarty (1996) argue that 130 the transition from technology to industry was a necessity for countries seeking to gain more wealth. Hence, the 131 contribution of the agriculture sector to the wealth of the countries in our sample is measured by the value added 132 of the agriculture sector in relation to GDP. The degree of urbanization and interest attributed to education are 133 measured respectively by the urbanization rate, the gross enrollment rate and the average duration of schooling. 134 The population size is measured by the logarithm of the total number of inhabitants of our sample countries. 135 The level of economic stability can be determined through the exchange rate and GDP fluctuation. Noravesh 136 and al. (2007) also argue that the importance of equity portfolio investment can reflect the extent of the interest 137

138 allocated to investment in financial markets.

We summarize these indicators as well as the means of their measurements as following: 139

INVEST 7 140

Volume of investment in stock market -141

The study measurment model is the following : Vi = ?i * Fa + ?i Where; Vi= obvious variables i which are 142 ecological determinants; Fa= latent variables a which are cutural dimensions; ? i = factor contributions of 143 manifestvariables in the determination of latent variables and ? i = Measurement error of i. Conceptual framework 144 is represented as following: The study aims to construct a conceptual model for identifying cultural dimensions 145 based on cultural ecology theory. This objective has been achieved by using SEM method under LISREL 146 (Linear Structural Relationship) approach. This methodology was preferred to others because in the first hand, 147 cultural dimensions have an unobservable character. In the second hand, these dimensions have been measured 148 approximately by observable variables. Obviously, these constructs measure may contain measurement errors. 149 That is why, it is more appropriate to use a method taking these measurement errors into account. Finally 150 LISREL approach is chosen because it reduces the arbitrariness of selecting items determining latent variables. 151 Moreover, it provides confirmatory factor analysis aiming to test the theoretical constructs validity. 152

Our study has been conducted on a sample of socioeconomically different backgrounds (France, Canada and 153 154 Tunisia) over the period going from 2003 to 2009.

Using LISREL approach requires the reliability and the validity of the structural equations model (Churchill, 155 1979). These tests are conducted through principal component analysis (PCA) and confirmatory factor analysis 156 (CFA) also called principal axis factoring. PCA and CFA methods aim to identify structure within a set of 157 items which are difficult to interpret by finding interrelations between them in order to find a smaller number 158 of unifying factors. PCA is a part of multivariate descriptive analyzes and aims to reduce information while 159 minimizing losses. It consists of the transition from a large number to a smaller number of items measuring the 160

same phenomenon and, consequently, to condensing the information related to a construct that these items aim 161 to define. CFA supports the PCA in order to validate its analysis. Validity means that a given measure is able 162 to describe studied phenomenon (Hair et al., 1998). CFA is conducted to confirm the psychometric quality of 163 the PCA findings ?? Evrard et al., 2003). The confirmatory phase is therefore aiming at testing the assessments 164 of fit of the global model and the constructs' content validity. In the confirmatory analysis, the measurement 165 scales are known a priori. In addition, this analysis takes into account measurement errors. The model takes the 166 following form: Data = Model + measurement error. Hence, the smaller the measurement error, the more the 167 model adjusts to the data. The meaning of PCA and CFA analysis depends on the meeting of some requirements 168 which we are going to examine by several tests. 169

170 8 IV.

¹⁷¹ 9 Results and Discussion

a) The PCA results PCA phase consists in analyzing dimensionality, reliability and internal consistency of 172 173 measuring instruments. PCA results for POWD are reported in table 2. This table shows that the data relating 174 to the measurement of this dimension are factorizable. Indeed, as shown in table 2, most of the inter-item 175 correlations of the dimension POWD are greater than 0.5. In addition, this table shows a KMO index of 0.590 176 with significant Bartlett sphericity. In addition, the community indices found vary from 0.602 for the GSM item 177 to 0.984 for the POPU item. These findings show the importance of the inclusion of these variables in POWD dimension's determination. The Cronbach's alpha of POWD dimension is 0.819, which gives information on the 178 internal consistency of measurement scale and proves that the data retained reflect the studied phenomenon. 179 Table ?? provides correlations between items determining UAV dimension. These correlation coefficients vary 180 between 0.007 and 0.935. This table also shows KMO indices of 0.511 and a significant Bartlett sphericity, which 181 shows that the data relating to the determination of UAV dimension are factorizable. The table also shows the 182 community indices relating to the determination of UAV dimension. These indices provide information on the 183 184 representation quality of the items. Indeed, these are all greater than 0.7 exception for GSM item. However, we decide to retain this indicator given the importance of its inclusion in our study. This will be taken into 185 account when interpreting results. UAV dimension shows a Cronbach's alpha of 0.751, which gives information 186 on the internal consistency of the items determining UAV dimension and proves that the data retained reflect 187 the studied phenomenon. 188

10 Table 3: PCA for UAV scale b) Confirmatory factor analysis (CFA)

CFA is conducted to confirm the psychometric quality of PCA results. Our confirmatory phase is there fore aimed at testing the Goodness of fit of the global model and the validity of the constructs content. Validity means that a given measure is able to describe the studied phenomenon. CFA takes into account measurement errors.

¹⁹⁵ 11 i. Goodness of fit results

The model degree of fit s verified through absolute fit indexes, incremental fit indexes and parsimony fit indexes.Goodness of indexes of cultural model are summarized in Table 4. CFA results are adequate:

Chi-square/degree of freedom=2.49, GFI=0.99, RMSEA=0.05 and CFI=0.98. This means that unobservable variables are adequate to the theoretical model and assumes that POWD and UAV in the sample study can be measured through economic and demographic indicators. Hence, our H0 is confirmed.

²⁰¹ 12 Table 5: Constructs validity c) Hypothesis Tests

Table ?? shows that all unobservable variables significantly contribute to the determination of POWD dimension. The absolute values of these factor contributions vary between 0.0446 and 1.703 with significant absolute values of t Student's and measurement errors close to 0.

Findings show that country wealth positively influences the POWD degree. In fact, POWD is negatively 205 related to AGRI (? = -0.0664, T = -51.962, ? = 0.00128) and positively related to URBA (? = 0.0498; = 48.215, 206 207 ? = 0.00103, GSM (? = 0.0446, T = 12.180, ? = 0.00366), INTE (? = 0.181, T = 38.817, ? = 0.00468), BROAD 208 (? = 0.145, T = 41.613, ? = 0.00349), SCHO (? = 1.703, T = 48.382, ? = 0.0352) and LITER (? = 0.127, T = 0.127, T = 0.00349)209 41.373, ? = 0.00306). This means that the wealthier the country, the greater the POWD. This can be explained 210 by the fact that wealth favors superiority behavior and thus, promotes power distance. Moreover, results show that POPU positively influences POWD degree (? = 0.224, T = 55.326, ? = 0.00405), which implies that the 211 more the country is populated, the fewer individuals achieve power. 212

In addition, we found that the most influential factor in determining the POWD extent is the degree of attention attributed to education followed by the population size and the degree of technological development.

215 Never the less, findings show a negligible effect of urbanization rate and the agriculture contribution to the wealth

of the sample countries. This maybe explained by the fact that these two indicators showed weak correlations with some items at the level of PCA.

13 Table 6: POWD indicators

Findings reveal significant factor contributions for all indicators of the UAV degree (contributions whose absolute values vary between 0.00519 and 0.420) with measurement errors significantly close to zero.

Obviously, we found that UAV is negatively related to the GSM (? = -0,113, T = -34,600, ? = 0,00434), 221 BROAD (? = -0.0927, T = -52.969, ? = 0.00175) and INTE (? = -0.0936, T = -40.231, ? = 0.00233). This can 222 explained by the fact that new technologies help to overcome uncertainty. In addition, results show that this 223 cultural dimension is negatively related to LITER (? = -0.0166, T = -23.052, ? = 0.00072) to reducing the 224 ambiguity and leads to UAV moderation in our sample countries. These last two results can explained by the 225 cultural ecology theory under its adaptive dynamic perspective. Indeed, this theory indicates, on the one hand, 226 that technologies and strategic actions are voluntarily implemented by individuals following the identification of 227 their cultural needs. On the other hand, the cultural ecology theory suggests that, following the creation of the 228 means necessary for subsistence, new cultural needs arise according to the new environment. We also found that 229 UAV is positively related to CURR (? = 0.0425, T = 34.559, ? = 0.00123), FGDP(? = 0.0459, T = 21.214, 230 ? = 0.00216) and SAVING (? = 0.420, T = 14.175, ? = 0.0296). This means that countries that do not have 231 economicst ability are more vulner able to uncertainty. 232

Finally, findings show that INVEST is positively related to the UAV degree of (? = 0.00519, T = 16.079, ? = 0.000323), however, this effect remains very weak. This implies that attention given to investing in financial markets is no longer just culture-related. Indeed, with financial markets, companies became increasingly interested in it. This is due to the increasing flexibility of the rules governing access to foreign markets and the reduction of barriers to trade in financial services.

Results show that the most important determinants of the UAV degree are the degree of attention attributed to education and the level of economic stability. They also reveal that new technologies adoption has a weaker role in determining this cultural dimension. Although the holding rate of GSM shows a greater correlation, this indicator is not taken into account because of its low community index at the level of PCA.

242 14 Conclusion

The study proposes a conceptual framework measuring cultural dimensions through ecological indicators and informes about items that are able to determine these dimensions.

Cultural dimensions considered in our study are power distance and uncertainty avoidance. Findings show that 245 cultural dimensions indicators' have evolved and are no longer the same identified by Hofstede (1980). This change 246 in culture origins is justified by environment evolution's. Indeed, referring to the cultural ecology theory under 247 its adaptive dynamics, technologies and strategic actions are voluntarily implemented by individuals following 248 the identification of their cultural needs. However, after the creation of the means necessary for subsistence, 249 new cultural needs arise according to the new environment. Some indicators impact is no longer the same 250 as identified in Hofstede studies'. For example, new technologies development and adoption, and education 251 systems development may reduce perplexity. This study was limited in development indicators identifyed in 252 prior researches. Regarding future research, the impact of other development indicators can estudied in order 253 to enrich the conceptual framework developed by our research. Indeed, due to the unobservable character of 254 cultural dimension, we assume that SEM is a relevant method in determining items related to these dimensions. 255

256 15 46

257 Year

-1		
-	-	

Proxies Variables		Measures	Expected signs			
POWD indicator	s		U U			
Wealth	AGRI	Ratio agriculture sector to GDP	+			
	URBA	Urbanization rate	-			
	INTE	Internet users per 100 persons	-			
	BROAD	Broadband Internet subscriptions per 100 persons	-			
	GSM	GSM subscriptions per 100 persons	_			
	LITER	Literacy rate	_			
	SCHO	Averagevears of schooling	-			
Population size	POPU	Naperianlogarithm of total population	+			
UAV indicators						
Modern	INTE	Internet users per 100 persons	+			
technologies	BROAD	Broadband Internet subscriptions per 100	+			
		persons				
	GSM	GSM subscriptions per 100 persons	+			
Educational	LITER	Literacy rate	+			
system	SCHO	Averageyears of schooling	+			
Economic	CURR	Fluctuations of foreign currency rate	+			
stability	FGDP	Fluctuation in GDP	+			
	SAVING	Gross DomesticSaving	+			
Investment	in					
financial markets						

Figure 1: Table 1 :

$\mathbf{2}$

Year 2018 43

Figure 2: Table 2 :

$\mathbf{4}$

Year 2018 44

[Note: SAVINGii.]

Figure 3: Table 4 :

$\mathbf{7}$

Figure 4: Table 7 :

Indicators	Items	Expect	tee∏est	Factor con-	Error
		signs		tributions	
New technologies	GSM	+ +	-34,600	-0,113 -	0,00434
adoption Attention	BROAD	+ +	-52,969	0,0927	0,00175
given to education	INTE	+ +	-40,231	-0,0936	0,00233
Economic stability	SCHO	+ +	-34,621	-0,170 -	0,00490
Investment in	LITER	-	-23,052	0,0166	0,00072
financial	CURR		34,559	0,0425	0,00123
	FGDP		21,214	0,0459 $0,420$	0,00216
	SAV-		$14,\!175$	0,00519	0,0296
	ING		16,079		0,000323
	IN-				
	VEST				
markets					
© 2018 Global Jour-					
nals 1					
	Indicators New technologies adoption Attention given to education Economic stability Investment in financial markets © 2018 Global Jour- nals 1	Indicators Items New technologies GSM adoption Attention BROAD given to education INTE Economic stability SCHO Investment in LITER financial CURR FGDP SAV- ING IN- VEST markets © 2018 Global Jour- nals 1	IndicatorsItemsExpectorsignsNew technologiesGSM+ +adoptionAttentionBROAD+ +given to educationINTE+ +EconomicstabilitySCHO+ +InvestmentinLITER-financialCURRFGDPSAV-INGIN-VESTmarkets	IndicatorsItemsExpectedTest signsNew technologiesGSM $+ + -34,600$ adoption AttentionBROAD $+ + -52,969$ given to educationINTE $+ + -40,231$ Economic stabilitySCHO $+ + -34,621$ InvestmentinLITERInvestmentinLITER $- 23,052$ financialCURR34,559FGDP21,214SAV-14,175ING16,079IN-VESTwest	IndicatorsItemsExpectdedTest signsFactor con- tributionsNew technologiesGSM $+ + -34,600$ $-0,113$ $-$ adoption AttentionBROAD $+ + -52,969$ $0,0927$ given to educationINTE $+ + -40,231$ $-0,0936$ Economic stabilitySCHO $+ + -34,621$ $-0,170$ InvestmentinLITER $23,052$ $0,0166$ financialCURR $34,559$ $0,0425$ FGDP $21,214$ $0,0459,0,420$ SAV- $14,175$ $0,00519$ ING $16,079$ IN-VESTwest

[Note: C]

Figure 5:

- [Churchill ()] 'A paradigm for developing better measures of marketing constructs'. G-A Churchill . Journal of Marketing Research 1979. 16 (1) p. .
- 260 [Schwartz (ed.) ()] Beyond individualism/collectivism: New cultural dimensions of values, S-H Schwartz . U. Kim,
- H-C. Triandis, C. Kagitcibasi, S-C. Choi, and G. Yoon (ed.) 1994. Thousand Oaks, CA: Sage Publications.
 p. . (Individualism and collectivism: Theory, method and applications)
- [Zimmerer ()] 'Cultural ecology (and political ecology) in the 'environmental borderlands': exploring the
 expanded connectivities within geography'. K-S Zimmerer . Progress in Human Geography 2007. 31 (2) p.
- [Sudarwan and Fogarty ()] 'Culture and accounting in Indonesia: an empirical examination'. M Sudarwan , T-J
 Fogarty . The International Journal of Accounting 1996. 31 (4) p. .
- ²⁶⁷ [Hofstede ()] Culture's Consequences: International Differences in Work Related Value, G Hofstede . 1980.
 ²⁶⁸ Beverly Hills: Sage Publications.
- [Schwartz and Sagiv ()] 'Identifying culture-specificities in the cintent and structure of values'. S-H Schwartz , L
 Sagiv . Journal of cross-cultural psychology 1995. 26 (1) p. .
- [Bottazzi and Peri ()] 'Innovation and spillovers in regions: Evidence from European patent data'. L Bottazzi ,
 G Peri . European Economic Review 2003. 47 (4) p. .
- [Griffin and Pustay ()] International Business, R Griffin , M Pustay . 2003. Upper Saddle River, NJ: Prentice Hall. (3rd edn)
- [Daniels and Radebaugh ()] International Business: Environments and Operations, J-D Daniels , L-H Rade baugh . 2001. Reading, Mass: Addison-Wesley.
- [Sutton and Anderson ()] Introduction to Cultural Ecology, M-Q Sutton , E-N Anderson . 2004. Oxford-New
 York: AltaMira Press.
- [Evrard et al. ()] Market, études et recherches en marketing, Y Evrard , B Pras , E Roux . 1993. Nathan.
- [Hair et al. ()] Multivariate data analysis with readings, J-F Hair , R-L R-E. Anderson , W-C Tatham , Black .
 1998. Upper Saddle River, NJ: Prentice-Hall. (5 th edition)
- [Berkes ()] 'Nature and society through the lens or resilience: towards a human-in-ecosystem perspective'.
 Davidson-Hunt I-J , F Berkes . Navigating Social-Ecological Systems: Building Resilience for Complexity
 and Change, F Berkes, J Colding, C Folke (ed.) (Cambridge, U.K) 2003. Cambridge University Press. p. .
- [Vayda and Mccay ()] 'New directions in ecology and ecological anthropology'. A-P Vayda , B-J Mccay . TAnnual
 Review of Anthropology 1975. 4 (1) p. .
- [Sondergaard ()] 'Research note: Hofstede's consequences: A study of reviews, citations and replications'. M
 Sondergaard . Organizational Studies 1994. 15 (3) p. .
- [Hofstede ()] 'The business of international business is culture'. G Hofstede . International Business Review 1994.
 3 (1) p. .
- [Bennett ()] The Ecological Transition: Cultural Anthropology and Human Adaptation, J-W Bennett . 2005. New
 Brunswick (New Jersey: Transaction Publishers.
- [Noravesh et al. ()] 'The impact of culture on accounting: Does Gray's model apply to Iran?'. I Noravesh , M-S
 Z-D. Dilamiand , Bazaz . *Review of Accounting and Finance* 2007. 6 (3) p. .
- [Nair and Frank ()] 'The impact of disclosure and measurement practices on international accounting classifica tion'. R-D Nair , W-G Frank . The Accounting Review 1980. 55 (3) p. .
- [Magnini ()] 'The influence of national culture on the strategic use of salesperson pricing authority: A crosscountry study within the hotel industry'. V-P Magnini . International Journal of Hospitality Management 2009. 28 (1) p. .
- 300 [Pinker ()] The language instinct, S Pinker . 1995. UK: Allen Lane, The Pinguoin Press.
- Jonsen and Meckling ()] 'The Nature of Man'. M-C Jensen , W-H Meckling . Journal of Applied Corporate
 Finance 1994. 7 (2) p. .
- Steward ()] Theory of Culture Change: the Methodology of Multilinear Evolution, J-H Steward . 1955. Urbana:
 University of Illinois Press.