ALEXANDRIA UNIVERSITY FACULTY OF COMMERCE BUSINESS ADMINISTRATION DEPARTMENT

ENVIRONMENTAL AND ORGANIZATIONAL ANTECEDENTS TO MARKET ORIENTED CULTURE AND BEHAVIORS

SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENTS OF THE DEGREE OF DOCTOR OF PHILOSOPHY IN BUSINESS ADMINISTARTION

Submitted by

Omneya Mokhtar Yacout

Supervised by:

Professor: Mohamed Said Abd El Fattah

> Professor of Business Administration Faculty of Commerce Alexandria University

Professor: Mohamed Farid El Sahn

> Professor of Business Administration Faculty of Commerce Alexandria University

Professor: Ismail El Sayed

Professor of Business Administration Faculty of Commerce Alexandria University

بسم الله الرحمن الرحيم

"لا يكلف الله نفسا الا وسعها لها ما كسبت و عليها ما اكتسبت ربنا لا تؤاخذنا ان نسينا أو أخطأنا ربنا و لا تحمل علينا اصرا كما حملته على الذين من قبلنا ربنا و لا تحملنا ما لا طاقة لنا به و اعف عنا و اغفر لنا و ارحمنا أنت مولانا فانصرنا على القوم الكافرين "

سورة البقرة الأية : 286

Acknowledgement

All thanks are due to Allah "الحمد لله رب العالمين". I would like to thank all the people who helped me develop this thesis. I am greatly indebted to professor Mohamed Saeed Abd El Fattah for kindly accepting the supervision of this thesis. I would also like to express my sincere gratitude to professor Mohamed Farid EL Sahn for his overwhelming effort and patronization through out my undergraduate and graduate years and through all the phases of thesis development. I am also indebted to Professor Ismail El sayed for all his dedication, time and effort during thesis development.

I am more than grateful to professor Mahmoud Sadek Bazaraa for accepting to participate in the committee of its discussion. I am also indebted to Professor Sherif El Assy for kindly accepting to participate in the committee of discussion of this thesis.

I would also like to thank all professors who helped me during data collection . I do express my gratitude to Professor Mohamed El Hennawi , Professor Ahmed Bassyouni , Professor Ismail Gomaa , Professor Nadia El Aref and Dr. Rawia Hassan . I also wish to thank Mrs. Zeinab Youness ,Dr. Ayman Mansy , Mrs. Dina El Sayed ,Mrs Fatma Abd El Rahman and Mrs . Fatma Hassan for their help .

I also like to thank all bankers who helped me develop this thesis especially Mr. Mustafa Foad , Mr. Saleh El Shamy , Mr. Ismail Hassan , Dr. Yasser Hassan , Mr. Mohamed Youssef , Mr. Hussein Gabr and Miss Huda Hussein .

I do wish to thank the members of my family who supported me during preparation of the thesis . I wish to thank my husband Nasser , Mrs. Madiha Aref , Miss Nashwa Sabbour and Miss Marwa Sabbour for their help . I also wish to express my deepest respect and appreciation to my mother and especially my father for helping me through the last phases of this thesis with a relentless desire to accomplish my work successfully . و أخر دعوانا الحمد لله رب العالمين

To my Mother,
To my Father,
To my Husband,
To my little son Abdallah

Abstract

Market Orientation has been a major issue in marketing academia since the early nineties. In addition to the behavioral approach of Jaworski and Kohli (1990) and the Cultural /behavioral approach of Narver and Slater (1990) many other perspectives have been developed . Yet , most of these studies overemphasize one aspect of the construct over another as well as the quantitative approach at the expense of qualitative approach. This research combines both approaches in an attempt to describe how the antecedents of market orientation interplay in the context of Egyptian banks and to identify the most important antecedents of market orientation. The qualitative research was conducted on a sample of five banks. The quantitative research was conducted on a sample of 101 bank executives. Both studies agree on some points . The most important antecedent of market orientation was a mixture of the strategic orientations of analysis, futurity and proactiveness. Market oriented systems intervene between market oriented culture and market oriented behaviors. The research showed that there were no significant differences between credit and retail managers and that among managers of public, private, joint and branches of foreign banks . The research has academic and managerial implications. Suggestions for future research are also presented.

Contents

Acknowledgement	iii
Abstract	V
Contents	vi
Chapter 1:Introduction	1-7
1.1.Introduction	1
1.2.Research Problem	4
1.3.Research Objectives	6
1.4.Research Importance	7
1.5.Study Contents.	7
Chapter Two: Market Orientation: Conceptualization and Measurement	8-43
2.1. Introduction	8
2.2. Marketing Orientation and Market Orientation	9
2.3.Different Perspectives on Market Orientation	10
2.3.1.Market Orientation as a Culture	10
2.3.2.Market Orientation as a Set of Capabilities	10
2.3.3.Market Orientation as a Set of Behaviors	12
2.3.4. Market Orientation as a Culture and a Set of Behaviors	16
2.3.5. Market Orientation as a Culture, a Set of Processes and Activities	21
2.3.6 Market Orientation as a Set of cultures, Corporate Goals and Strategies	
2.3.7.Market Orientation as a Set of Market Oriented Management	21
Systems	22
2.4 .Nature of Response : Reactive and Proactive Market Orientation	25
2.5. Assessment of Market Orientation Approaches	27
2.6.Organizational Culture and Market Orientation	32
2.6.1.Chracteristics of Market Oriented Culture	33
2.6.2.Types of Market Oriented Culture	36
2.6.3.Layers of Market Oriented Culture	38
2.6.4. Cultural Barriers to Market Orientation.	40
2.7. The Impact of National Culture on Market Orientation	41
2.8. Summary and Conclusions	42
Chapter Three: Antecedents and Consequences of Market Orientation	44-70
3.1 Introduction	44

3.2Consequences of Market Orientation	44
3.3.Antecedents of Market Orientation	47
3.3.1.Initiators of Market Orientation	49
3.3.2.Facilitators of Market Orientation	49
3.3.3.The Role of Strategic Variables in Market Orientation	53
3.3.4.The Role of Organizational Features in Market Orientation	56
3.3.5.Summary and Discussion of Studies Relating to the Antecedents of	
Market Orientation	63
Chapter Four: Exploratory Research Design	71-95
4.1.Introduction	71
4.2 Research Methodology	71
4.2.1 Criteria for Case Selection	75
4.2.2. Case Study Procedures	76
4.2.3. Exploratory Data Collection	76
4.2.4. Exploratory Data Analysis	77
4.3. Limitations of Case Studies	96
4.4. Summary and Exploratory Research Findings	96
Chapter Five : Explanatory Research Design	100-112
5.1. Introduction	100
5.2.Research Variables	100
5.3.Research Hypotheses	101
5.4. Population and Sample	104
5.5.Conceptual and Operational Definition of Research Variables	104
5.6.Questionnaire Design and Structure	110
5.7 Data Collection	110
5.8. Limitations of Field Study	111
5.9. Statistical Techniques Used	112
Chapter Six: Analysis of Research Findings	113-132
6.1.Introduction	113
6.2.Assessin Validity, Reliability, Normality and Linearity of Questionnaire Items.	113
6.2.1 Descriptive Statistics For Research Variables	120
6.2.2 Reliability of Scale Items	121
6.2.3.Discriminant Validity Tests	122

6.2.4.Tests of Normality of Research Variables	125
6.2.5.Tests of Linearity of Research Variables	126
6.3.Grounded Model	126
6.4.Hypotheses Testing	127
6.5. Summary and Conclusions	130
Chapter Seven: Discussion and Conclusions	133-
7.1. Introduction	133
7.2. Main Research Findings	133
7.2.1. Reconceptualizing Market Orientation	133
7.2.2. Antecedents to Market Orientation	134
7.2.3. Differences Between Credit and Retail Managers	135
7.2.4. Differences Among Public , Private , Joint and Branches of Foreign Banks	136
7.3. Research Implications	137
7.4. Suggestions for Future Research	138
References	139-156
Appendices	157
Appendix (1) Cover Letter Presented to Bank Managers	158
Appendix (2) List of Banks Registered At the Central Bank Of Egypt	160
Appendix (3) Questionnaires Presented to Bank Managers	164
Appendix (4) Tests of Linearity for Research Variables	173

List of Tables

Table (2-1) Key Differences Between Customer –led and Market –Oriented	
Management Philosophies	25
Table (2-2)The Mechanistic, Organic and Systems Perspectives	31
Table (3-1)Summary of External Factors (Initiators) and Their Effect on Market	
Orientation	66
Table (3-2)Summary of Internal Factors (Facilitators) and their Effect on Market	
Orientation	67-69
Table (3-3) Summary of Strategic Variables and their Effect on Market Orientation	69
Table (4-1) Humanistic and Positivistic Metaphysics	71
Table (5-1) Conceptual and Operational Definitions of Research Variables	105-10
Table (6-1) Results of Exploratory Factor Analysis for Management Perception of	
Environmental Variables	114
Table (6-2) Results of Exploratory Factor Analysis for Top Management Support	114
Table (6-3) Results of Exploratory Factor Analysis for Bank Strategy	115
Table (6-4) Results of Exploratory Factor Analysis for Bank Strategic Orientation	116
Table (6-5) Results of Exploratory Factor Analysis for Market Oriented	
Culture	117
Table (6-6) Results of Exploratory Factor Analysis for Market oriented Systems	118
Table (6-7) Results of Exploratory Factor Analysis for Market oriented Behaviors	119
Table (6-8) Descriptive Statistics	120
Table (6-9) Reliability of Research Items	121
Table (6-10) Correlation Matrix and Alpha Coefficients	123
Table (6-11) Significantly Correlated Independent Variables	125
Table (6-12) Test of Normality For Research Variables	126
Table (6-13) Simple Linear Regression of Mixed Strategic Orientation on Market	
Oriented Culture	128
Table (6-14) Simple Linear Regression of Market Oriented Culture on Market	
Oriented Systems	129
Table (6-15) Results of Two-Way ANOVA	129
Table (6-16) Paired Samples T-Test for Credit and Retail Managers	129
Table (6-17) The Results of ANOVA for Examining Differences Among Public ,	
Private , Joint and Branches of Foreign Banks	130

List of Figures

Figure (2-1)Market Orientation Matrix						
Figure (2-2) :Model of Market Oriented Management Systems						
Figure (2-3) Layers of Market Oriented Culture						
Figure (3-1)Market orientation, Antecedents ,and Consequences						
Figure (3-2) Antecedents of Market Orientation						
Figure (4-1) Research Framework	99					
Figure (5-1) Research Variables	101					
Figure (6-1)Modified Research Framework						
List of Appendices						
Appendix (1) Cover Letter Presented to Bank Managers	158					
Appendix (2) List of Banks Registered At the Central Bank Of Egypt						

Graves and matsuno

http://scholar.google.com/url?sa=U&q=http://www.sbaer.uca.edu/research/sma/199 5/pdf/92.pdf, p.5-6

Sharma, N. & **Patterson**, P.G. (1999), "The Impact of **Communication** Effectiveness and Service

Quality on Relationship Commitment in Consumer, Professional Services," *The Journal of Services Marketing*, Vol.13, (2), 151-170.

Market orientation in Nordic banks: does nationality matter?

Authors: Nielsen J.F.; Høst V.; Jaensson J-E.; Kock S.; Selnes F.

Source: European Journal of Marketing, Volume 37, Numbers 11-12, November 2003, pp. 1818-1841

Bagozzi , Li and Phillips (1991) noted that the use of key informants leads to random and non-random errors of measurement . More than the usual amount of random error is likely, because informants are asked to make inferences about macrolevel phenomena or perform aggregations over persons, tasks, organizational subunits, or events, which produces unreliable responses . Non-random errors result from overreporting or underreporting of certain phenomena may occur as a function of the informant's position, length of time in the organization, job satisfaction, or other personal or role characteristics Likewise, factors related to the difficulty of observation or nature of the organizational context may also account for nonrandom errors, such as the size and complexity of the organization, the breadth of information sources, and the volatility of external and internal changes .



Chapter One: Introduction

1.1. Introduction:

Business organizations nowadays face a never ending environmental turbulence reflected in the perceived increase in competitive pressures, rate of change and emancipation of the customer, some macroeconomic developments such as privatization, deregulation and cut back on government subsidies. Such changes fuel mangers to adopt a market orientation (Van Raaij, 2001). The distinguishing characteristic of market orientation is system —wide attention to markets customers, competitors and other entities in the environment through out the organization (Hult & Ketchen, 2001). Market oriented firms are also willing and able to quickly adapt products and programs to fit changes in the environment (Boyd, Walker, Mullins & Larreche, 2001). Thus, market orientation is more important than ever in such a dynamic environment. For this reason it was designated a high priority by the Marketing Science Institute since the early 1990s and till now.

Previous research in market orientation focused on exploring its nature, its antecedents and consequences and how to implement it. In spite of all the efforts to examine it however, the construct is not yet distinct (Nielsen, Host, Jaensson, Kock &Selnes, 2003). With respect to the nature of market orientation, efforts focused on its conceptualization and measurement. Shapiro (1988, p.9) suggested that the term market oriented represents "a set of processes touching on all aspects of the company". In the year 1990 two major studies were conducted in USA in an effort to operationalize the concept, the first was performed by Kohli & Jaworski (1990,p.1) who defined a market-oriented organization as "one whose actions are consistent with the marketing concept". Later, they developed a market orientation construct which they called MARKOR developed by Kohli, Jaworski and Kumar (1993). The model was comprised of one factor for intelligence generation, one factor for dissemination and responsiveness, one factor for marketing executives, one for non-marketing executives and a general factor (where the first two factors are correlated). This approach was called the behavioral approach to market orientation. It received wide attention from a number of scholars with a significant number of researchers using such conceptualization (e.g., Bhuian, 1998; El Sahn, 1998; Pulendran, Speed and Widing, 2000 and Shoham and Rose, 1998).

In the same year, another avenue of research appeared with the study conducted by Narver and Slater (1990,p.21) who defined market orientation as: "the organizational culture that most effectively and efficiently creates the necessary behaviors for the creation

of superior value for buyers, and, thus, continued superior performance for the business ". Market orientation is conceptualized as a single construct that consists of three elements: customer orientation, competitor orientation, and interfunctional coordination .Firms may stress one element over the other resulting in different forms of market orientation yet firms able to balance these different dimensions generally perform better (Greenley, 1995; Heiens, 2000 and Osborne and Gray, 2000).

Other researchers tried to provide other conceptualizations of market orientation. Some researchers conceptualized it as a component of organizational culture that places the highest priority on customer needs (Deshpandé and Webster , 1989) and maintenance and creation of superior customer value (Slater ,2001) or a set of capabilities , such as customer sensing , customer linking and channel bonding (Day, 1994) or as a combination of culture, processes and activities (cf. Deshpandé & Farley, 1999), market oriented management systems (Becker and Homburg, 1999) . Finally, Fritz (1996) noted that market orientation includes (1) a set of values, (2) corporate goals and (3) basic strategies.

Apart from conceptualizing market orientation as a culture, a set of behaviors, a combination of both or a set of management systems or processes, Slater and Narver (1998) noted that there is a difference between being customer –led and market oriented. While the first implies being responsive to customer expressed needs, the latter implies being more proactive in search for customers' latent needs. Slater (2001) and Narver ,Slater & MacLachlan (2000) also suggested that a proactive approach to market orientation consists of norms of behavior that guide the business to learn from current and potential customers about their latent needs , and to act in an entrepreneurial manner to create superior customer value (Narver et al .,2000).

Another development in conceptualizing market orientation was made by Jaworski, Kohli and Sahay (2000) who introduced the term market driven and driving markets as two different concepts. *Market driven* refers to learning, understanding and responding to stakeholder perceptions and behaviors within a given market structure. Conversely, *driving markets* refers to changing the composition and /or role of players in a market (p.47).

Furthermore, market orientation can be recognized in current marketing fashions such as customer relationship management, one to one marketing, mass customization or relationship marketing (Van Raaij, 2001), in strategic management thoughts such as organizational capabilities (Day, 1994), organizational learning (e.g., Bennett & Gabriel 1999; and Sinkula, 1994), resource based view (Srivastava et al., 2001) and innovation (e.g.,