## Construction the balance behavior model: 以國際賑災為例

# 賴政泰、張魁.

E-mail: 342916@mail.dyu.edu.tw

### ABSTRACT

From economics viewpoint, people 's decision-making processes are based on the hypothesis that the decision is to realize the utility-maximization. But there is big difference between this hypothesis and people 's decision-making process in real life. Until now, the academic model can not provide a clear explanation to a new kind of purchase decision-making: irrational decision-making is caused by various factors, such as impulse purchase and emotion. Researchers have different views to the irrational decision-making model. This study discusses definition and classification, and then discusses the effect between touching and empathy in the non-rational decision-making. Based on the discussion of irrational decision-making and rational decision-making, this submits some assumptions and issues, and then does research for the irrational and rational phenomenon among people (for the donation behavior in international decision-making behavior, this study included two factors: Empathy and Touching to affect non-rational decision-making behavior. People who ever had experience of international disasters ' would see the picture and hear the sound of international disasters; they had strong intention to participate in relief activities. At last section, some marketing suggestions are put forward according to the results get from this survey. The non-rational decision-making. If non-profit organization groups could use advertising to get people's identity by the level of non-rational (include empathy and touching). It would be good for promotion of social welfare.

Keywords : Non-rational、 Involvement Theory、 Touching、 Empathy

### Table of Contents

List of Table - 3 - List of Figure - 4 - Chapter 1 Introduction - 5 - 1.1 Research background and motivation - 5 - 1.2 Research objectives - 7 - 1.3 Research Importance - 8 - 1.4 Research Scope and Restriction - 8 - 1.5 Research Process - 9 - Chapter 2 Literatures Review - 10 - 2.1 Review of Behavior Model - 10 - 2.1.1 Theory of Reasoned Action - 11 - 2.1.2 Theory of Planned Behavior - 12 - 2.1.3 The Technology Acceptance Model - 14 - 2.1.4 Comparison of TRA, TPB, and TAM - 15 - 2.1.5 Unplanned behavior - 16 - 2.2 Review of Social Behavior - 17 - 2.2.1 Prosocial Behavior - 18 - 2.2.2 Helping Behavior - 19 - 2.3 Normative Factors - 24 - 2.4 Behavioral Intention - 25 - 2.6 Economic Evaluation - 27 - 2.7 Actual Control Factors - 29 - 2.8 Involvement and Emotional Responses - 31 - 2.8.1. Involvement Theory - 31 - 2.8.2 The influence of event involvement on decision making behavior - 37 - 2.8.3 Classification of emotional reactions to involvement - 44 - Chapter 3 RESEARCH METHOD - 46 - 3.1 Research Framework - 46 - 3.2 Operational Definition of Variables - 48 - 3.3 Research Hypothesis - 49 - 3.4 Questionnaire Design Process and Sampling Method - 51 - 3.4.1 Pilot Study Process - 51 - 3.4.2 Sampling of Main Study - 54 - Chapter 4 DATA ANALYSIS AND RESULT - 56 - 4.1 Reliability and Validity Test - 57 - 4.1.1 Reliability Test - 57 - 4.2 Overall Fit of the Data to the Model - 66 - 4.3 Model testing results - 67 - Chapter 5 CONCLUSION AND SUGGESTION - 69 - 5.1 Conclusion - 69 - 5.2 Suggestion - 72 - 5.2.1 Academic - 72 - 5.2.2 Practitioner - 73 - 5.3 Suggestion for Further Research - 74 - Reference - 75 -

#### REFERENCES

Abernethy A. M., & Franke, G. R.(1996), "The Information Content of Adverting: A Meta-Analysis", Journal of Adverting, 2, pp.1-17. Andreasen, A.R. (1995). Marketing social changing behavior to promote health, social development, and the environment. San Francisco: Jossey-Bass Publishers. Anderson, J. C., and D. W. Gerbing, 1988 Structural Equation Modeling in Practice: A Review and Recommended two-Step Approach. Psychological Bulletin 103:411-423. Ajzen, I (1989). Attitude structure and Behavior, In A. Pratkanis, S. Breckler, and A Greenwaald (eds.), Attitude structure and function. Hillsdale, N.J.: Erlbaum and Associates, 241 269. Ajzen, I. and Fishbein, M. (1980). "Understanding attitudes and predicting social behavior." Englewood Cliffs, NJ: Prentice-Hall. Ajzen, I. (1981). "Attitudes and voting behaviour: An application of the theory of reasoned action. " Applied Social Psychology, 1, 253-312. Ajzen, I., (1985). From intentions to actions: A theory of planned behavior. In J. Kuhl & J. Beckman (Eds.), Action-control: From cognition to behavior (pp. 11- 39). Heidelberg, Germany: Springer. Ajzen, I. (1991). " The Theory of Planned Behavior. " Organizational Behavior and Human Decision Processes, 50(2), 179-211. Ajzen, I. and Driver, B.,(1991). " Prediction of leisure participation from behavioral, normative, and control beliefs - An application of the theory of

planned behavior. " Leisure Sciences, 13(3), 185-204. Ajzen, I. (2001). " Nature and operation of attitudes." Annual Review of Psychology, 52, 27-58. Ajzen, I. (2002) "Perceived behavioral control, self-efficacy, locus of control, and the theory of planned behavior," Journal of Applied Social Psychology, 32(4), 665-683. Ajzen, I., (2002). "Residual effects of past on later behavior: habituation and reasoned action perspectives." Personality and Social Psychology Review, 6(2), 107-122. Arora, R. (1982). Validation of an S-O-R model for situation, enduring, and response components of involvement. Journal of Marketing Research, 19(4): 505-516. Bagozzi, Richard. P., Mahesh. Gopinath, and Prashanth. U. Nyer (1999), "The Role of Emotions in Marketing," Journal of the Academy of Marketing Science, 27 (2), pp. 184-206. Bailey, R. (2009), The Right to Survive in a Changing Climate, Oxfam Background Paper, Oxfam International. Bar-Tal, D. (1976). Prosocial behavior---theory and research, Washington: Hemisphere. Batson, C. D. (1991). The Altruism Question. New Jersey: Hillsdale. Batson, C. D. (1987). Prosocial motivation: Is it ever truly altruistic? In L. Berkowitz (Eds.), Advances in experimental social psychology (65 122). New York: Academic Press. Batson, C. D. and Coke, J. S. (1981). Empathy: A source of altruistic motivation for helping? In J. P. Rushton & R. M. Sorrentino (Eds.), Altruism and helping behavior: Social, personality, and developmental perspectives (167 187). Hillsdale, NJ: Lawrence Erlbaum Associates. Bentler, P. M. (1989). EQS Structural Equations Program Manual, Los Angeles, California: BMDP Statistical Software. Berkowitz, L. and Connor, W. H.(1966). Success, failure and social responsibility, Journal of Personality and Social Psychology, 4, 664-669. Berkowitz, L. and Frideman, P.(1967). Some social class differences in helping behavior ", Journal of Personality and Social Psychology, 5, 435 441. Bloch, P. H. (1982). Involvement Beyond the Purchase Process: Conceptual Issue and Empirical Investigation. In advance in Consumer Research, 9, A. Mitchell ed., Ann Arbor, MI: Association for Consumer Research , 413-417. Bloch, P. H. & Richins, M. L. (1983). A theoretical model for the study of product importance perceptions. Journal of Marketing, 47(3): 69-81. Bollen, K.A. (1989). Structural Equations with Latent Variables. John Wiley & Sons, NY. Celsi, R. L. & Olson, J. C. 1988. The role of involvement in attention and comprehension processes. Journal of Consumer Research, 15(2): 210-214. Browne, M. W. and Cudeck, R. (1993). "Alternative Ways of Assessing Model, "Testing Structural Equation Models, Bollen, K. A. and Long J. S. (ed.), Newbury Park, California: Sage, 136-162. Byrne, B.M. (2001), "Structural Equation Modeling with AMOS: Basic Concepts, Applications, and Programming ", Lawrence Erlbaum Associates, Mahwah, NJ. Celuch, G. and Slama, M. (1993), "Program content and advertising effectiveness: A test of the congruity hypothesis for cognitive and affective sources of involvement, "Psychology and Marketing, 10(4), pp.285-300 Churchill, G. A. 1979 A paradigm for Developing Better Measures of Marketing Constructs. Journal of Marketing Research 16(1):64-73. Chang, S. S. (2000), Research Method, Taichung: Cang Hai. Coulter. R. et at. 2003. Rethinking the Origins of Involvement and Brand Commitment: Insights from Post socialist Central Europe. Journal of Consumer Research 30: 151-170 Cohen, J. B. 1983. Involvement and you: 1000 great ideas. Advances in Consumer Research, 10(1): 325-328. Davis, F. D. (1989). Perceived usefulness, perceived ease of use, and user acceptance of information technology. MIS Quarterly, 14, 319-340. Davis, F. D. (1993). User acceptance of information technology: System characteristics, user perceptions and behavioral impacts. International Journal of Man-Machine Studies, 38, 475-487. Elliott, Mark A. (2009); Arrnitage, Christopher J.British Journal of Psychology, Feb2009, Vol. 100 Issue 1, p111-132, 22p, 4 charts, 2 diagrams Engel, James F., R.D. Blackwell and Paul W. Miniard. (1984). Consumer Behavior, 6th ed, New York: Dryden press. Eisenberg, N. (2000). Emotion, regulation, and moral development. Annual Review of Psychology, 51: 665-697. Eisenberg, N. and Strayer, J. (1987). Critical issues in the study of empathy. In N. Eisenberg & J. Strayer (Eds.), Empathy and its development (3 13). New York: Cambridge University Press. Fornell, C., and Larcker, D.F., (1981) " Evaluating structural equation models with unobservables and measurement error " Journal of Marketing Research, Vol. 18 No1, pp. 39-50 Fishbein, M. and Aizen, I.(1975). "Belief, attitude, intention, and behavior: An introduction to theory and research." Reading, MA: Addison-Wesley. Gary K. 2000 " Understanding contemporary society: theories of the present ", p.126 Gefen, D. and Straub, D. W. (2004). " Consumer Trust in B2C e-Commerce and the Importance of Social Presence: Experiments in E-Products and E-Services, " Omega, 32(6), 407-424. Goranson, R. E. and Berkowize, L. (1966). Reciprocity and responsibility reactions to prior help, Journal of Personality and Social Psychology, 3, 227 232. Granzin, K. L., & Olsen, J. E. (1991). Characterizing participants in activities protecting the environment: A focus on donating, recycling, and conservation behaviors. Journal of Public Policy and Marketing, 10, 1 – 27. Hartwick, J., & Barki, H. (1994). Explaining the role of user participation in information systems use. Management Science, 40(4), 440-465. Hair, J. F., Jr., Anderson, R. E., Tatham, R. L., and Black, W. C. (1998), Multivariate Data Analysis, (5th ed.), Upper Saddle River, NJ: Prentice Hall. Hair, J. F., Jr., Black, W. C., Babin, B., Anderson, R., and Tatham, R. (2006) Multivariate Data Analysis, (6th ed.), Prentice Hall, Upper Saddle River, NJ Hoffman, M. L. (1981). The development of empathy. In J. P. Rushton & R. M. Sorrentino (Eds.), Altruism and helping behavior: Social, personality, and developmental perspectives (41 63). Hillsdale, NJ: Lawrence Erlbaum Associates. Homans, G. C. (1961). Social behavior: Its elementary forms. New York: Harcourt, Brace & World. Homans, G. C. (1958). Social behavior as exchange, American Journal of Sociology, 62, 597 606. Houston, M. J. & Rothschild, M. L. (1978). Conceptual and methodological perspectives on involvement. In S. C. Jain (Eds.), Research frontiers in marketing: Dialogues and directions, 184-187. Chicago, IL: American Marketing Association. Izard, Carroll. E. (1991), The Psychology of Emotions, New York: Plenum Press. Jiang, J. J., Hsu, M. K., Klein, G., and Lin, B. (2000). "E-Commerce User Behavior Model: An Empirical Study," Human Systems Management, 19(4), 265-276. Joreskog, K. G. & Sorbom, D. (2001). LISREL 8: User's reference guide. Lincolnwood, IL: Scientific Software International, Inc. John Scott (2002). Social Networks: Critical Concepts in Sociology, Volume I ~ IV Edited. Routledge Press: USA. Kleinginna, R. and A. M. Kleinginna (1981), "A Categorized List of Emotion Definitions, "Motivation and Emotions, 5 (4), pp. 345-379. Kotler, P. (1975). Marketing for nonprofit organization... NJ: Prentice-Hill, Inc. Kotler, P. and Armstrong, G. (1991). Principles of Marketing (5th ed), New Jersey: Prentic-Hall. Kotler, Philip and Robterto, E (1989). Social marketing: Strategies for changing public behavior. New York: The Free Press. Kotler, P. and Zaltman, G. (1971). Social marketing:

An approach to planned social change, Journal of Marketing, 35 (July), 3 12. Kotler, P.(2000). Marketing management (millennium ed.). New Jersey: Prentice Hall. Larsson, G., Kempe, C. & Starrin, B. (1988). Appraisal and coping processes in acute time-limited stressful situations: A study of police officers. European Journal of Personality, Vol. 2, pp.259-276. Krugman, H. E. (1965). The impact of television advertising: learning without involvement. Public Opinion Quarterly, 29(3):3 49-356. Kuei-Feng Chang (2007). The Taxonomy, Model and Message Strategies of Social Behavior , Journal for the theory of social behavior, 37(3), 279-294. Laurent, G. and Kapferer, J. N. (1985). Measuring Consumer Involvement Profiles. Journal of Marketing Research, 22(1), 41-53 Mathieson, K. (1991). Predicting user intentions: Comparing the technology acceptance model with the theory of planned behavior. Information Systems Research, 2, 173-191. Mitchell, A. A. (1981). The dimensions of advertising involvement. Advances in Consumer Research, 8(1): 25-30. Mittal, B. (1995). A comparative analysis of four scales of consumer involvement. Psychology & Marketing, 12 (7), pp. 663-682. Nunnally, J. C., and I. H. Bernstein 1994 Psychometric Theory (3rd ed.). New York, NY: McGraw-Hill, Inc. Oorjitham, S. Osterhus, (1997). Pro-social consumer influence strategy: when and how do they work? Journal of Marketing, 61 (October), 16 29. Parasurman, A., Zeithaml, V. A., and Berry, L. L. (1988) "SERVQUAL: A multiple-item scale for measuring consumer perceptions of service quality " Journal of Retailing, No 64, pp.12-40 Parker, D., Manstead, A., and Stradling, S., 1995. " Extending the theory of planned behavior - the role of personal norm." British Journal of Social Psychology, 34, 127-137. Piliavin, J. A. and Piliavin, I. M. (1973). The Good Samaritan: Why does he help? Unpublished manuscript, University of Wisconsin, Madison, WI. Piliavin, I. M., Rodin, J.and Piliavin, J. A. (1969). Good samaritanism: An underground phenomenon? Journal of Personality and Social Psychology, 13, 289 299. Park, C. W. and Young, S. M. (1983). Types and levels of involvement and brand attitude formation. Advances in Consumer Research, 10, 320-324. Reid, Mike; Wood, Angela. International Journal of Nonprofit & Voluntary Sector Marketing, Feb 2009, Vol. 13 Issue 1, p31-43, 13p; DOI: 10.1002/nvsm.296; Rothschild, M. L. (1979). Marketing communications in nonbusiness situations, Journal of Marketing, 33 (Spring), 11 20 Rothschild, M. L. (1984). Perspectives on involvement: current problems and future directions. Advances in Consumer Research, 11(1): 216-217. Rogers, C. R. (1957). The necessary and sufficient conditions of therepaeutic personality change. Journal of consulting psychology, 21 (2), 95-103. Schwartz, S. H. (1973). Normative explanations of helping behavior: A critique, proposal, and empirical test, Journal of Experimental Social Psychology, 9, 349

364. Slama, M. E. & Tashchian, A. 1985. Selected socioeconomic and demographic characteristics associated with purchasing involvement. Journal of Marketing, 49(1): 72-82. Sears, David O. and Carolyn L. Funk. 1991. "The Role of Self-interest in Social and Political Attitude. " Experimental Social Psychology 24: 1-91. Sears, David O. and Donald R. Kinder. 1985. "Whites 'Opposition to Busing: On Conceptualizing and Operationalizing Group Conflict? "Journal of Personality and Social Psychology 5: 1141-1147. Solomon, M., Bamossy, G., Askegaard, S. 2002. Consumer Behaviour. Prentice Hall. Edinburgh Sherif, M. and Cantril, H. (1947). The Psychology of Ego-Involvement. NY: John Wiley and Sons. Taylor, S. and Todd, P. (1995.) "Understanding information technology usage - a test of competing models. "Information Systems Research, 6(2), 144-176. Weber, M. 1920. 'Conceptual Exposition'. In Economy and Society. Edited by G. Roth and C.Wittich (1968). Wispe, L. G. (1972). Positive forms of social behavior: An overview ", Journal of Social Issue, 28 (3), 1 19. Walster, E., and Piliavin, J. A. (1972). Equity and the innocent bystander, Journal of Social Issue, 28 (3), 165 189. Zaichkowsky, J. L. 1985. Measuring the involvement construct. Journal of Consumer Research, 12(3): 341-352. Zaichkowsky, J. L. 1986. Conceptualizing involvement. Journal of Advertising, 15(2): 4-34.