

# A Study on the Relationships among Organizational Learning, Business Types and Competence-Building of Peripheral Firms i

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## ABSTRACT

Under globalization, the international competition of Newly Industrialized Countries originally belonging to periphery has gradually got stronger. Whether it is traditional industry or high-tech industry, the role of international division of labor has changed from OEM to ODM or OBM. This kind of change in business type not only shows the change in vertical industrialized value chain but also shows the outcome resulted from peripheral firms after building competence through organizational learning. Our research develops the theoretic construct of building peripheral firms' competence by taking advantage of the world systematic concepts of Wallerstein (1974), the socialist, in center and periphery and proceeds literature review by using the business relation of outsourcing, RBT, organizational learning, and business types. The research tries to explore the phenomenon of the relationship between competence building of peripheral firms and development of business types, and explore the relation between different peripheral firms' competence and organizational learning by using the viewpoints of organizational learning. According to our research's result, Taiwan OEM firms will try to build close relationship with center firms to seek beneficial position. It based on manufacturing in the past, but it stresses on R&D and OBM. The change following outer competitive environment through adjusting the importance and strategic position constantly is a specialized mode, progressing from periphery, semi-periphery, and center position in Taiwan OEM firms.

Keywords : globalization ; peripheral firms ; business types ; organizational learning ; competence ; technological learning

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## REFERENCES

- 中文部分 1.張國雄 譯, (2001), 「國際企業」, Charler W.L.Hill 「International Business」, 滄海書局。 2.朱柔若 譯, (2000), eumam, W. L., 「社會研究方法 - 質化與量化取向」, 。台北:揚智(原著1997年出版) 3.方至民, (2000), 「企業競爭優勢」, 台北: 前程企管。
- 4.王慧美, (2001), 「國際代工夥伴關係下之資產專屬性與能力建構 供應商觀點分析」, 國立台灣大學國際企業學系博士論文。 5.司

徒達賢,朱柔若譯,(1997),「社會研究方法 質化與量化取向」,台北:揚智文化 6.何華倫,(2003),「大陸台商資源組合類型對經營績效之影響-進入策略與組織能力之干擾效應」,大葉大學國際企業管理學系碩士論文。7.吳思華,(2000),「策略九說:策略思考的本質」,台北:臉譜。8.李仁芳,(1990),「管理心靈」,台北:商略印書館。9.李宛蓉譯,(1996),大前研一著,「民族國家的終結」,台北:土?出版社。10.李洋昇(2000),「台灣電子廠商核心專長與與競爭策略之研究」,國立東華大學,國際企業管理研究所。11.余日新、梁家隆與陳厚銘,(2000),「廠商如何經由國外夥伴之技術合作提升企業技術能力 以台灣資訊電子廠商為例」,管理學報,第十七卷第二期,頁297-319。12.尚榮安譯,(2001),「個案研究」,台北:弘智文化 13.林明杰,(1996),「技術能力與技術引進績效相關之研究」,國立政治大學企管研究所博士論文。14.林晉寬,(1995),「從資源基礎理論探討資源特性與成長策略之關係」,國立政治大學企業管理研究所博士論文。15.林晉寬、司徒達賢,(1998),「台灣優勢廠商之資源管理模式」,管理學報,第十五卷第二期,頁255-269。16.林義屏,(2001),「市場導向、組織學習、組織創新與組織績效間關係之研究 以科學園區資訊電子產業為例」,國立中山大學企業管理學系博士論文。17.封德台,(2000),「技術學習與技術能力關係之研究 國內資訊軟體產業之實證」,國立政治大學企業管理學系博士論文。18.胡明月,(2001),「公司資源與競爭策略關係之研究 以高雄地區在地公關顧問公司為例」。中山大學傳播管理研究所碩士論文。19.徐偉傑譯,(2000),Malcolm Waers著,「全球化(Globalization)」,台北,弘智文化。20.張秀屏,(1999),「自創品牌策略、核心資源類型對品牌權益績效關係之研究-國際化企業策略聯盟之實證」,私立中原大學企業管理研究所碩士論文。21.張家銘、徐偉傑,(1999),「全球化概念的發展:一個社會學脈絡的考察」,東吳社會學報,第八卷,頁79-121。22.張銘純,(2002),「品牌策略、組織系絡變數、組織設計策略與品牌權益關係之研究」,中原大學企業管理學系碩士論文。23.許士軍,(1982),「管理學」,台北:東華書局。24.許文宗,(2003),「主要客戶焦點之代工範疇變化 以台灣國際代工廠商為例」,國立政治大學企業管理學系博士論文。25.陳川正,(2000),「非營利組織的認同管理:以基督教的細胞小組模式等教會為例」,台北:國立政治大學企業管理學系博士論文。26.陳振祥,(1997),「ODM策略之理論架構與實證」,國立臺灣大學商學研究所博士學位論文 27.陳振祥與李吉仁,(1998),「ODM策略的成因與策略運作」,中山管理評論,第六卷第一期,頁553-572。28.陳菁雯,(2001),「美國九一一事件後的省思與啟示:全球化與本土化的爭辯」,靜宜大學,新聞深度分析簡訊 第91期。29.曾盛杰,(1994),「產業競爭分析與資源基礎觀點之整合」,第二屆全國管理博士論文研討會論文集,頁312-343。30.黃俊英,(1994),「企業研究方法」,初版,台北:東華。31.黃惠雯、董琬芬、梁文蕓、林兆衛譯,Crabtree.B.及Miller.W.L.(1992),(2002),「質性方法與研究」,韋伯文化事業出版社,頁97-115。32.黃銘章,(2002),「影響代工供應商與顧客間夥伴關係因素之研究 以台灣電子資訊產業為例」,國立政治大學企業管理學系博士論文。33.楊可欣,(2000),「醫療機構組織學習初探 以桃園醫院精神科醫師為例」,台灣師範大學社會教育學系碩士論文。34.葉啟政,(1990),「邊陲性與學術發展:再論科學中國化」:楊國樞、李亦園、文崇一等編著,「現代化與中國化論集」:頁222-255。35.趙郁文,(1998),「跨國委託製造對台灣資訊電子廠商營運能力之提升效果」,中山管理評論,第六卷第四期,頁1113-1136。36.劉仁傑、范光瑩,(1996),「台灣日系企業技術學習型態之探討」,管理科學學報,第十三卷第二期,頁250-270。37.劉世鼎,(2000),「全球化理論批判 許勒與佛格森的理論」,當代雜誌,第153期,頁30-37。38.劉平文,(1995),「技術策略、組織之技術資訊處理機制與技術能力關係之研究 國內資訊硬體工業之實證」,政治大學企業管理研究所博士論文。39.蔡敦浩、周德光,(1994),「技術能力的形成與發展」,台北:中國生產力中心,1994年產業科技研究發展管理實務案例暨論文研討會,第一冊,頁128-171。40.賴士葆,(1992),「科技管理論文集」,台北:大葉文教基金會。英文部分 1.Aaker, David A. (1996), "Measuring Brand Equity Across Product and Markets," California Management Review, Vol. 38, No. 3, pp.102-120. 2.Afuah A. (2002), "Mapping technological capabilities into product markets and competitive advantage: the case of cholesterol drugs." Strategic management journal 23:pp.171-179. 3.Ahuja, G.. (2000). "Collaboration networks, structural holes, and innovation: A longitudinal study." Administrative Science Quarterly, 45, pp.425-455. 4.Argyris, and Donald Schon, (1978), "Organizational Learning:A Theory of Action Perspective. Reading" MA:Addison-Wesley. 5.Barney, J. B., (1991), "Firm Resources and Sustained Competitive Advantage", Journal of Management, 17, pp. 99-120. 6.Bartlett, C. A. and S. Ghoshal, (2000), "Going global:Lessons from late movers," Harvard Business Review, March-April, pp.132-142. 7.Buckley, P. J. and M. Casson (1988), "The Theory of Cooperation in International Business", in Contractor, F. and P. Lorange(eds), Cooperative Strategies in International Business, pp.31-34 8.Celly, K. S., R. E. Spekman, and J. W. Kamauff (1999), "Technological uncertainty, buyer preferences and supplier assurances: An examination of Pacific Rim purchasing arrangements," Journal of International Business Studies, 30(2), pp. 297-316. 9.Charles Oman (1996) "The Policy Challenge of Globalization and Regionalisation", OECD Development Center Policy Brief No.11,p8 10.Charles W.L. Hill,(2000), "International Business:competing in the global marketplace", 3rd ed. 11.Chatterjee S, Wernerfelt B.(1991) "The link between resources and type of diversification: theory and evidence." Strategic Management Journal, 12, pp.747-776. 12.Contractor, Frand J. and Peter Lorange, (1988). "Cooperative Strategies in international Business. Lexington Books", Massachusetts, pp.3-28 13.Crossan, Mary C., Henry W. lane and Rodrick E. White(1999), "An organizational learning framework:From intuition to institution." Academy of Management, The Academy of Management Review, Mississippi State, Vol.24, Iss.3, pp.522-537. 14.David A, Aaker, (1996), "Building Strong Brand", The Free Press. 15.Bartlett, C. A. and S. Ghoshal (2000), "Going global: Lessons form late movers," Harvard Business Review, March-April, pp.132-142. 16.Kohli, A. K. & Jaworski, B. J. (1990). "Market orientation: The construct, research propositions, and managerial implications." Journal of Marketing, 54(April), pp.1-18. 17.Jaworski, Bernard and Kohli, Ajay., (1993) "Market Orientation:Antecedents and Consequences," Journal of Marketing, Vol. 52, No.3, pp.53-70. 18.Srivastava RK, Fahey L, Christensen HK. (2001). "The resource-based view and marketing: the role of market-based assets in gaining competitive advantage." Journal of Management 27, pp.777-802. 19.Kotabe M, Srinivasan SS, Aulakh PS. (2002). "Multinationality and firm performance: the moderating role of R&D and marketing capabilities." Journal of International Business Studies 33(1): pp.79-97. 20.Hunt, S. D. & Morgan, R. M. (1995). "The comparative advantage theory of competition." Journal of Marketing, 59(April): pp.1-15. 21.Day, G. S. (1994). "The capabilities of

market-driven organizations. " *Journal of Marketing*, 58(October): 37-52. 22.Jarillo, J.C. (1988), " On Strategy Networks, " *Strategic Management Journal*, Vol.9, pp.31-41. 23.Sinha, K.D. and M.A. Cusumano, (1991), " Complementary resource and cooperative research:A model of research joint ventures among competitors, " *Management Science*, Vol.37, No.9, pp.1091-1106. 24.Dodgeson, M. (1993), " Organizational Learning: A Review of Some Literature " , *Organization Studies*, Vol.14, No3, pp.375-394. 25.Dodgson, M. (1993) " Organizational learning: A review of some literatures, " *Organization Studies*, Vol.14, pp.375-394. 26.Drefus, H., Drefus, S., (1986), " Mind over Machine: the Power of Human Intuition and Expertise in Era of the Computer. " Free Press. 27.Drejer, A., Riis, J.O.,(2000), " Competence Strategy " (in Danish). Borsens Forlag. 28.Drejer, A.,(2001) " How can we define and understand competencies and their development?. " *Technovation* 21: 135-146 29.Duncan, R. and Weiss, A. (1979). " Organizational Learning: A Theory of Action Perspective. " M.A.: Addison-Wesley. 30.Dussauge, P., Hart, S. and Ramanantsoa, B., (1992) " Technological Strategy: Analytical Tools " , *Strategic Technology Management*. 31.Dyer, J. H. and Singh, H. (1998). " The relational view: Cooperative strategy and sources of inter-organizational competitive advantage. " *Academy of Management Journal*, 23(4), pp.660-679. 32.Eisenhardt KM, Martin JA., (2000) " Dynamic capabilities: what are they? " *Strategic Management Journal*, Special Issue 21(10-11): pp.1105-1122 33.Engel, Warshaw, and Kinner, (1983), " Promotional Strategy Managing the Marketing Communications Process " , 5th ed., p. 125. 34.Fahey, L.,(1999) " Competitors-Outwitting, Outmaneuvering and Outperforming " N.Y.: John Wiley and Sons, Inc. 35.Fiol, C. Marlene and Marjorie A. Lyles, (1985), " Organizational Learning, " *Academy of Management Review*, Vol.10,Iss.4, pp.803-813. 36.Frankfort-Nachmias C. and D. Nachmias, (1999), " Research Methods in the social sciences " (5th ed.), N.Y., Worth Publishers and ST. Martin ' s Press. 37.Fulmer, R. M. (1994). " A Model for Changing the Way Organizations Learn " , *Planning Review*, 22(3), 20-26. 38.Georg Simmel, (1950), " The Sociology of Georg Simmel " , Trans. and Eds.by Kurt H.Wolf., Glencoe, Ill.: Free Press. 39.Ghemawat, P.,(1991) " Commitment: The Dynamic of Strategy. " Free Press, New York, pp.109-134. 40.Gherardi, S. and Nicolini, D. (2000), " The Organizational Learning of Safety in Communities of Practice " , *Journal of Management*, 9(1), pp.7-18. 41.Gherardi, S. and Nicolini, D. (2000), " The Organizational Learning of Safety in Communities of Practice " , *Journal of Management* , 9(1), pp.7-18. 42.Grant, R. ( 1991 ), " The resource-based theory of competitive advantage: Implications for strategy formulation. " *California Management Review*, pp.114-135. 43.Grant, R. M. (1991), " The resource based theory of competitive advantage: Implication for strategy formulation. " *California Management Review*, 33(3), pp.114-135 44.Hafeez, Khalid, YanBing Zhang and Naila Malark, (2002), " Determining key capabilities of a firm using analytic hierarchy process, " *Int. J. Production Economics*, Vol.76, pp.39-51. 45.Hamel, G. (1994). " The Concept of Core Competence in Competence-Based competition. " Editors Hamel, Gary and Heene Aim?. John Wiley and Sons. Chichester, England. pp. 11-33. 46.Hatzichronoglou, T., (1996) " Globalization and Competitiveness: Relevant Indicator " OECD. 47.Hedberg, B.(1981), " How Organization Learn and Unlearn, In Nystorm " , P. and Starbuck, W.,eds. *Handbook of Organization Design*, vol. 1, Oxford: Oxford University Press. 48.Heide, Jan B. and George John (1988). " The role of dependence balancing in safeguarding transaction-specific assets in conventional channels " . *Journal of Marketing*, 52(1), pp.20-35. 49.Heide, Jan B., and George John (1988), "The Role of Dependence Balancing in Safeguarding Transaction-Specific Assets in Conventional Channels," *Journal of Marketing*, 52 (January), pp.20-35. 50.Helleloid, D.&B. Simonin, (1994), " Organizational Learning and a Firm ' s Core Competence " In Hamel G. & Heene A.(ed), " *Competence-Based Competition* " , New York, John Wilev & Sons, pp.213-240 51.Henderson, John C., (1988), "The Value of Strategic IS Planning: Understanding Consistency, Validity, and IS Markets", *MIS Quarterly*. 52.Hersan M., and Barlow, D. H. (1976). " Single-case experimental designs: Strategies for Studying behavior. " N.Y.: Pergamon. 53.Hite, J. M. (1999), " Embedded Network Ties of Emerging Entrepreneurial Firms: Patterns, Processes, and Evolutionary Paths " , Ph.D. Thesis, The University of Utah, August. 54.Hite, J.M.(1999), " Embedded Network Ties of Emerging Entrepreneurial Firms: Patterns, Processes, and Evolutionary Path. " Ph.D. Thesis, The University of Utah, August. 55.Hodgetts, R.M; F; Luthans and S.M; Lee,(1994) " New paradigm organizations: Form total quality to learning to learning to world calss. *Organizational Dynamics*. " Winter. pp. 5-19. 56.Kale, P., Singh, H. and Perlmutter, H. (2000). " Learning and protection of proprietary assets in strategic alliances. " *Strategic Management Journal*, 21, pp. 217-237. 57.Keller, Kevin Lane. (1998), " *Strategic Brand Management: Building, Measuring, and Managing Brand Equity* " , Prentice Hall. 58.Kevin L. Keller, (1998), " *Strategic Brand Management: Building, Measuring, and Managing Brand equity* " Upper Saddle River, NJ:Prentice-Hall. 59.Kim, W., and Mauborgne, R. (1993) " Procedural justice, attitudes, and subsidiary top management compliance with multinationals ' corporate strategic decisions. " *Academy of Management Journal*, 36: pp.502-526. 60.King AW,Zeithaml CP,(2001) " Competencies and firm performance:examining the causal ambiguity paradox " , *Strategic Management Journal*, 22, pp. 75-99. 61.Klimecki, Ruediger and Hermann Lassleben (1998), " Modes of organizational learning: Indications from an empirical study." *Management Learning*, Thousand Oaks, Vol.29, Iss.4, pp. 405-430. 62.Klimecki, Ruediger and Hermann Lassleben(1998), " Modes of organizational learning: indications from an empirical study, " *Management learning*, Thousand Oaks, Vol.29, Iss.4, pp.405-430. 63.Kolb, D.,(1984) " *Experimental Learning* " , Prentice Hall. 64.Kolb, E. (1961). " *Taubstummengemeinde Festschrift*. " ich:Taubstummen-Pfarramt. Kotler, (2000), " *Marketing management (The Millennium Edition)* " ,Prentice-Hall International, Inc. 65.Leonard-Barton, C., (1992), " Core Capabilities and Core Rigidities: a Paradox in Managing New Product Development " , *Strategic Management Journal*, Vol.13, 1992, pp.111-125. 66. Leonard-Barton, D., (1995) " *Wellsprings of Knowledge*. " Harvard Business School Press, Boston. 67.Leonard-Barton, Dorothy (1995), " *Wellsprings of Knowledge* " Harvard Business School Press, Boston 68.Levitt, B. and March, J. G., " Organization Learning " , *Annual Review of Sociology*, Vol.14, pp.319-340, 1988. 69.Lyles, M. (1992), " The impact of organizational learning on joint venture formations Presented at the Academy of Management " Meetings Las Vegas, Nevada. Marquardt, M. and Reynolds, A. (1994) " The global learning organization " (New York: Irwin

Professional Publishing). 70. Marino, K. E. (1996), "Developing Consensus on Firm Competencies and Capabilities" *The Academy of Management Executive*, 10(3), pp. 40-49. 71. McGill, M.E; J.W; Slocum and D; Lei(1994) "Management practices in learning organizations." N.Y.: American Management Association press. Pp. 83-95. 72. Meyers, P. W. (1990), "Non-Linear Learning in Large Technological Firms: Period Four Implies Chaos," *Research Policy*, 19(2):97-115. 73. Morgan, G. and Ramirez, R.(1983), "Action Learning: A Holographic Metaphor for Guiding Change", *Human Relations*, Vol.37, No.1, pp.1-28. 74. Mulholland, Paul, Zdenek Zdrahal and John Domingue, (2001), "A methodological approach to supporting organizational learning," *International Journal of Human — computer Studies* H.w. Wilson - AST, Vol.55, Iss.3, pp.337-367. 75. Nelson R, Winter S. (1982). "An Evolutionary Theory of Economic Change." *Gelknap Press of Harvard University Press: Belknap Press of Harvard University Press: Cambridge, MA.* 76. Nevis, E. C., DiBella, A. J. and Gould, J. M.(1995). "An Evolutionary Theory of Economic Change," MA: Harvard University Press. 77. Nishiguchi, Toshihiro, (1994). "Strategic Industrial Sourcing: The Japanese Advantage" *Oxford University Press, N.Y.* 78. Nonaka, I. (1994). "A dynamic theory of organizational knowledge creation." *Organization Science*, 5(1), pp.14 - 37. 79. Nonaka, I., and Takeuchi, H.(1995) "The Knowledge-Creating Company" N. Y.: Oxford University Press, 1995. 80. Nonaka, I., Takeuchi, H.,(1995) "The Knowledge Creating Company How Japanese companies Create the dynamics of Innovation." *Oxford University Press, New York.* 81. Ohmae, K., (1989). "The global logic of strategic alliances." *Harvard Business Review*, 67, pp.143-154. 82. Oman, C., (1996), "Development Centre Policy Brief", *The Policy Challenges of Globalization and Regionalization*, OECD pp.8. 83. Penrose, Edith T.(1959). "The Theory of the Growth of the Firm." *John Wiley and Sons, Inc., N.Y.* 84. Perlmutter, Howard V. and David A. Heenan, (1986). "Cooperate to compete globally". *Harvard Business Review*, 64(2), pp.136-152. 85. Peteraf, M. A. (1993), "The Cornerstones of Competitive Advantage: A Resource-based View", *Strategic Management Journal*, Vol. 14 Iss.3, pp. 179-191. 86. Pfeffer, Jeffery and Gerald R. Salancik, (1978). "The External Control of Organizations: A Resource Dependence Perspective." *Harper and Row, Publishers, N.Y.* 87. Pisano, G. P. and Wheelwright S. C., (1995) "High-Tech R&D" *Harvard Business Review*, Sep.-Oct., pp.93-105 88. Porter, Michael E.(1985). "Competitive Advantage: Creating and Sustaining Superior Performance." *The Free Press, N.Y.* 89. Porter, M. E. (1991), "Towards A Dynamic Theory of Strategy", *Strategic Management Journal*, Vol.12, 1991, pp. 95-117. 90. Powell TC, Dent-Micallef A. (1997). "Information technology as competitive advantage: the role of human, business, and technology resources." *Strategic Management Journal* 18(5): 375-405. 91. Prahalad, C.K., and Hamel, G. (1990), "The Core Competence of the Corporation", *Harvard Business Review*, May-June. 92. Prayoon Shiwattana. (1991) "Technology Transfer in Thailand's Electronics Industry", pp.169-193, In *Transfer of Japanese Technology and Management to the ASEAN Countries*. Edited by Shoichi Yamashita. Tokyo: University of Tokyo Press. 93. Quinn, B.R., (1999), "Strategic outsourcing: Leveraging knowledge capabilities." *Sloan Management Review*, Summer, pp.9-21. 94. Richardson, G. B. (1972), "The organization of industry," *The Economic Journal*, Vol. 82, pp. 883-896. 95. Schroeder RG, Bates KA. and Junttila MA, (2002). "A Resource-Based View of Manufacturing Strategy." *Strategic Management Journal*, 23: pp.105-117 96. Senge, P. M.(1990). "The fifth discipline: The art and practice of the learning Organization." N. Y.: The Spieler Agency. 97. Sharif, M.N.(1988) "Basis for Techno-Economic Policy Analysis", *Science and Public Policy*, 15-4, Aug., pp.217-227. 98. Silverman BS. (1999). "Technological resources and the direction of corporate diversification: toward an integration of the resource-based view and transaction cost economics." *Management Science* 45(8): pp.1109-1124. 99. Spanos YE, Lioukas S. (2001). "An examination into the causal logic of rent generation: contrasting Porter's competitive strategy framework and the resource-based perspective." *Strategic Management Journal* 22, pp.907-934. 100. Stata, R. (1989). "Organizational Learning: The Key to Manage innovation." *Solon Management Review*, Spring. 101. TAT(b), (Technology Atlas Team),(1987) "Components of Technology for Resources Transformation," *Technology Forecasting and Social Change*, Vol. 32, pp.19-35 102. Tayles, Mike, Colin Drury (2001), "Moving from make/buy to strategic sourcing: The outsource decision process," *Long Range Planning*, 34(6), pp.605-622. 103. Teece D, Pisano, G, Shuen A.(1997) "Dynamic capabilities and strategic Management Journal". *Strategic Management Journal* 18(7): pp.509-533 104. Teece, D., and Pisano, G. (1994), "The Dynamic Capabilities of Firms: an Introduction", *Industrial and Corporate Change*, 3(3). 105. Teece, David J., Richard Rumelt, Giovanni Dosi, and Sidney Winter (1994). "Understanding corporate coherence: an empirical study of European and Japanese multinationals", *Journal of International Business Studies*, 24(1), pp.81-99 106. Thomas Hatzichronoglou, (1996), "Globalization and Competitiveness: Relevant Indicators", *OECD*, p7 107. Tobin, K.G., (1993), "The practice of constructivism in science education" N.J.: Lawrence Erlbaum associates press. 108. Tsang, E. W. K. (1997), "Choice of International Technology Transfer Mode: A Resource-Based View," *Management International Review*, 37, 2, pp.151-168. 109. Vorhies DW, Harker M. (2000). "The capabilities and performance advantages of market-driven firms: an empirical investigation." *Australian Journal of Management* 25(2): 145-171. 110. Wallerstein, Immanuel, (1974), "The Modern World System." *New York: Academic* 111. Washio, H., (1986), "The Provision of Manuals and Japanese Private Technology Transfer", *The Developing Economies*, XXIV, No. 4, 1986, pp.326-333. 112. Weber, A.C. (1996), "A data envelopment analysis approach to measuring vendor performance." *Supply Chain Management*, Vol.1, No.1, pp.28-39. 113. Wernerfelt, B.(1984), "Resource-based View of the Firm" *Strategic Management Journal*, Vol.5, pp. 171-180. 114. Yan, Aimin, and Barbara Gray (1994), "bargaining power, Management Control, and Performance in United States-China Joint Ventures: A Comparative Case Study" *Academy of Management Journal*, 37(6), pp.1478-1517. 115. Yin, R.(1994), "Case Study Research: Design and Methods." *Newbury Park., Sage Publications.* 116. Yip, Kam-Bro (1988). "Income determination: A cross-national comparison." (Doctoral dissertation, University of California, Los Angeles, 1989). *Dissertation Abstract International*, 3881, 4912A. 117. Zollo M, winter S. (2002), "Deliberate learning and the evolution of dynamic capabilities." *Organization Science* 13, pp.339-351 118. Zott, C(2003), "Dynamic Capabilities and Differential Firm Performance: Insights from a simulation study." *Strategic Management Journal* 24, pp.97-125