

參考文獻

- Akin, Ö. (1990). Necessary conditions for design expertise and creativity, *Design Study* 11(1): 107-113
- Akin, Ö. (1996). Frames of reference in architectural design: analyzing the hyper acclamation (A-h-a-l).
Design Study 17: 341-361.
- Aldridge, J. (2002). Knowledge On Demand: an application of software agents and e-learning. *FD Learning Ltd.* <http://sharon.cseit.it/projects/jade/wholsUsing/KODAgentsandLearning.doc>
- Amabile, T. M. (1983). *The social psychology of creativity*. New York: Springer-Verlag.
- Amabile, T. M. and Gryskeuicz, N. D. (1989). The creative environment scales: work environment inventory. *Creativity Research Journal*, (2): 231-253.
- Amabile, T. M. (1996). Conti, R., Coon, H., Lazenby, J. and Herron, M. (1996). Assessing the work environment for creativity. *Academy of Management Journal*, (39): 1154-1184.
- Amabile, T. M. (1996). *Creativity in Context*. Boulder, CO: Westview.
- Barron, F. (1963). *Creativity and psychological health*. New York: Van Nostrand.
- Barron, F. (1968). *Creativity and personal freedom*. New York: Van Nostrand.
- Barron, F. (1969). *Creative person and creative process*. New York: Holt, Rinehart, & Winston.
- Barron, F., & Harrington, D. M. (1981). Creativity, intelligence, and personality. *Annual Review of psychology*, (32): 439-476.
- Bentley, P. J. and Corne, D. W. (2002). An introduction to creative evolutionary systems. *Creative Evolutionary System*. P. J. Bentley and D. W. Corne (eds). San Francisco, CA. Morgan Kaufmann: 1-75.
- Boden, M. A. (1991). *The Creative Mind: Myths and Mechanisms*. New York, Basic Books.
- Boden, M. A. (Eds.). (1994). *Dimensions of creativity*. Cambridge, MA: MIT Press.
- Boden, M.A. (1998). Creativity and artificial intelligence, *Artificial Intelligence* 103: 347-356
- Bonnardel, N. (2000). Towards understanding and supporting creativity in design: analogies in a constrained cognitive environment. *Knowledge-Based System* 13: 505-513.
- Boissere, O. and M. Filler (1990). *The Vitra Design Museum Frank Gehry Architecture*. New York, Rizzoli International Publication, Inc.
- Brazier, F. M. T. and Wijngaards, N. J. E. (2001). Designing self-modifying agents. In *Proceedings of Modelling cognitive strategies in creative design V*: 93-112.

- Coyne, R. D., Newton, S., and Sudweeks, F. (1993). A connectionist view of creative design reasoning. In Gero, J. S. and Maher, M. L. (Eds.), *Modelling creativity and knowledge-based creative design*: 177-209. Hillsdale, NJ: Erlbaum Press.
- Cross, N. (1997). Descriptive models of creative design: application to an example. *Design Study* 18: 427-455.
- Crutchfield, R. (1962). Conformity and creative thinking. In H. Gruber, G. Terrell, & M. Wertheimer (Eds.), *Contemporary approaches to creative thinking* (pp. 120-140). New York: Atherton.
- Csikszentmihalyi, M. (1996). *Creativity*. New York, Brockman, Inc.
- Csikszentmihalyi, M. (1988). Society, culture, and person: a system view of creativity. *The Nature of Creativity*, Cambridge University Press. Cambridge UK: 325-339.
- De Bone, E. (1971). *Lateral thinking for management*. New York: McGraw-Hill
- De Bone, E. (1985). *Six thinking hats*. Boston: Little, Brown.
- De Bone, E. (1992). *Serious creativity: Using the power of lateral thinking to create new ideas*. New York: HarperCollins.
- Eisenman, P. (2000). Peter Eisenman: December 4, 2000 Taipei. *Defining digital architecture*. Taiwan, Birkhauser:18-20.
- Edmonds, E. (1993). Knowledge-based systems for creativity. In J. S. Gero and M. L. Maher (Eds.), *Modelling creativity and knowledge-based creative design*: 259-271. Hillsdale, NJ: Erlbaum Press.
- Friedman, M. (2002). *Gehry Talks: Architecture + process*. New York: Universe Publishing.
- Feist, G.J., and Runco, M.A. (1993). Trends in the creativity literature: An analysis of research in the Journal of creative Behavior (1967-1989). *Creativity Research Journal*, 6(3): 271-286.
- Fischer, G. (2000). Symmetry of ignorance, social creativity, and meta-design. *Knowledge-Based System*, (13): 527-537.
- Foder, E. M. (1990). The power motive and creativity of solution to an engineering problem. *Journal of Research in personality*. (24): 338-254.
- Finke, R. A., and Ward, T. B., & Smith, S. M. (1992). *Creative cognition: Theory, research, and applications*. Cambridge, MA: MIT Press.
- Finn, K. (1993). *Making Creativity Happen: An Introduction to the Solution Machine*. Bedford, New York: The Gemini Group.
- Freud, S. (1970). Creative writers and day dreaming. In P. E. Vernon, (Eds.). *Creativity*. Baltimore MD: Penguin.
- Gardner, H. (1988). Creative lives and creative works: a synthetic scientific approach. *The Nature of Creativity*. R. J. Sternberg. Cambridge, Cambridge University Press: 298-321.
- Gardner, H. (1993). *Creating minds*. New York: Basic
- Gardner, H. (1998). *Frames of Mind*. New York, Basic Books and HarperCollins Publisher Inc.

- Getzels, J. W. and Csikszentmihalyi, M. (1976), *The creative vision: A longitudinal study of problem finding in art*, New York: John Wiley and Sons.
- Ghiselin, B. (Ed.) (1985). *The creative process: A symposium*. Berkeley: University of California Press.
- Golann, S. E. (1962). The creativity motive. *Journal of Personality*, (30): 588-600.
- Gruber, H. E. (1989). The evolving systems approach to creative work. In D.B. Wallace & H. E. Gruber (Eds.), *Creative people at Work: Twelve cognitive case studies* (pp. 243-270). Cambridge University Press
- Guilford, J. P. (1950). *Creativity*. *American Psychologist*, 5, 444-454.
- Gero, J. S. (1994). Computational model of creative design process. In T. Dartnall (Eds.). *Artificial intelligence and creativity*. Dordrecht: Kluwer Academic.
- Gero, J. S. (1996). Creativity emergence and evolution in design, *Knowledge-Based System* 9: 435-448.
- Gero, J. S. (1995). Computers and creative design, *CAADFuture*, Australia.
- Gero, J. S. (1996). Creativity, emergence and evolution in design, *Knowledge-Based System* 9: 435-448.
- Gero, J. S. and Maher, M. L. (1993). *Modelling creativity and knowledge-based creative design*. Hillsdale, NJ: Erlbaum Press.
- Gough, H. G. (1979). A creativity scale for the Adjective Check List. *Journal of Personality and Social Psychology*, 37, 1398-1405
- Lynn, G. (2001). Greg Lynn: December 8, 2001 Taipei. *Defining digital architecture*. Taiwan, Birkhauser: 21-23
- Lynn, G. (1998). *Animate Form*. Princeton: Princeton Architectural Press.
- Langley, P., Simon, H.A., Bradshaw, G.L., and Zytkow, J. M. (1987). *Scientific discovery: Computational explorations of the creative process*. Cambridge, MA: MIT Press.
- Hayes. J. R. (1989). Cognitive process in creativity. *Handbook of creativity*. J. A. Glover, R. R. Ronning and C. R. Reynolds. New York, Plenum Press: 135-45.
- Huang, S.-Y. and Liu, Y.-T. (2001). Some phenomena of creativity in design with computer media. *Computational and Cognitive Models of Creative Design*, Australia.
- Hofstadter, D. R. (1985). *Metamagical themas: Questing for the essence of mind and pattern*. New York: Basic Books.
- Johnson-Laird, P. N. (1988). Freedom and constraint in creativity. In R. J. Sternberg (Ed.), *The nature of creativity* (pp. 202-219). Cambridge University Press.
- Kannengiesser, U. and Gero, J. S. (2002). Situated Agent Communication for Design. *Agents in Design* 2002. pp. 85-94.
- Kim, S. H. (1990). *Essence of Creativity*. New York, Oxford University Press.
- Kletke, M. G. (2001). Creativity in the organization: the role of individual creative problem solving and computer support. *Human-Computer Studies* 55: 217-237.

- Kokotovich, V. (2000). Mental synthesis and creativity in design: an experimental examination. *Design Study* 21: 437-449.
- Kolarevic, B. (2000). Digital architecture. *ACADIA 2000: Eternity, Infinity and Virtuality*, American.
- Lai, I. C. (2003). Companing physical space with virtual space a co-existence approach. *CARRDIA 2003, Thailand*, pp. 359-369.
- Ligtenberg, A., Breget, A.K., and van Lammeren, Ron. (2001). Multi-actor-based land use modeling: spatial planning using agents. *Landscape and urban planning* 56: 21-33
- Liu, Y.-T. (1996a). Restructuring shapes in terms of emergent subshapes: a computational and cognitive model. *Environment and planning B: Planning and Design*, 23: 313-328.
- Liu, Y.-T. (1996b). *Understanding architecture in computer era*, Hu Publish, Taipei.
- Liu, Y.-T. (1997). Where should architecture go in the computer era? *Dialogue* 9, 31-33.
- Liu, Y.-T. (2000). Creativity or novelty? *Design Study* 21(3): 261-276.
- Liu, Y.-T. (2001). Digital Architecture? Digitality of Architecture, *Taiwan Architecture*, 27(3), 62-67
- Liu, Y.-T. (2002). Digital Creativity: Conversation with Makoto Watanabe. *Developing Digital Architecture*. Taiwan, Birkhauser:38-39.
- Lubart, T. I. (1994). *Product-centered self-evaluation and the creative process*. Unpublished doctoral dissertation, Yale University, New Haven, CT.
- Lindsey, B. (2002). *Digital Gehry: Material Resistance Digital Construction*. Turin: Testo & Immagine.
- Makoto S. W. (2002). *Induction Design: a method for evolutionary design*, Berlin, Birkhauser.
- Makoto S. W. (1998). *Conceiving the City*, Italy, l'Arca Edizioni.
- MacCrimmon, K. R. and Wagner, C. (1994). Stimulating ideas through creativity software. *Management Science*, (40): 1541-1532.
- MacKinnon, D. W. (1962). What makes a person creative. *Saturday Review*, (45): 15-17
- MacKinnon, D. W. (1965). Personality and the realization of creative potential, *American Psychology*, (25): 39-59.
- Maracas, G. M. and Elam, J. J. (1997). Creativity enhancement in problem solving: through software or process? *Management Science*, (43): 83-97.
- Massetti, B. (1996). An empirical examination of the value of creativity support systems on idea generation. *MIS Quarterly*, (20): 83-97.
- McClelland, D. C., Atkinson, J. W., Clark, R. A., & Lowell, E. L. (1953). *The Achievement motive*. New York: Appleton-Century-Crofts.
- Minsky, M. (1986). *The society of the mind*. New York, Simon & Schuster.
- Mitchell, W. J. (1977). *Computer-aided architectural design*. New York: Van Nostrand Reinhold.
- Mitchell, W. J. (2003). *Beyond Productivity: Information Technology, Innovation, and Creativity*. Washington, D.C., National Research Council.

- Miller, W. C., Couger, J. D. and Higgins, L. F. (1995). Comparing innovation styles profile of IS Personal to other occupationism. In *Proceedings of the 26th Hawaii International Conference on system Sciences*, Vol. 4. pp. 378-386. Los Alamitos, CA: IEEE Computer Society Press.
- Newell A, J. C. Shaw, et al. (1962). "The process of creative thinking." *Contemporary approaches to creative thinking*. H. Gruber, G. Terrell and M. Wertheimer. New York, Atherton Press.
- Negroponte, N. (1972). *The Architecture Machine. toward a More Human Environment*, Cambridge, MIT Press.
- Owen, C. L. (1992). Context for creativity, *Design Study* 13(3): 216-228.
- Ochse, R. (1990). *Before the gates of excellence: The determinants of creative genius*. Cambridge University Press.
- Osborn, A. F. (1953). *Applied imagination* (rev. ed.). New York: Scribner's.
- Osman, Y. (2001). The use of tools in the creation of form: Frank (L. Wright and O. Gehry), *in the proceeding of ACCADIA 2001*, pp.44-51.
- Perkins, D. N. (1981). *The mind's best work*. Cambridge MA, Harvard University Press.
- Ragheb, J. F. (2001). *Frank Gehry, Architecture*. New York: Solomon R. Guggenheim Museum.
- Roy, R. (1993) Case studies of creativity in innovative product development, *Design Studies*, 19(4): 519-546
- Rothenberg, A., and Huasman, C. R. (Eds.). (1976). *The creativity question*. Durham, NC: Duke University Press.
- Rogers, C. R. (1954). Toward a theory of creativity. *ETC: A Review of general Semantics*, (11): 249-260.
- Rosenman, M. A. and Gero, J. S. (1993). Creativity in design using a design prototype approach. *Modelling creativity and knowledge-based creative design*. J. S. Gero and M. L. Maher (Eds). Hillsdale, NJ. Lawrence Erlbaum Associates: 111-138.
- Sen, A. (1999). *Development as Freedom*. New York, Alfred A. Knopf.
- Simon, H. A. (1973). The structure of ill structured problem. *Artificial intelligence* 4: 181-201
- Smith, M. J. *Social Science in Question*. Sage Publication Inc.
- Simomton, D. K. (2000). Creativity: cognitive, personal, developmental, and social aspect. *American Psychologist* 55(1): 151-158.
- Sasada T. (1999). Computer graphic and design: presentation, design development, and conception, in Jingwen, G and Zhaoji, W. (eds), *CAADRIA' 99, Shanghai Scientific and Technological Literature Publishing House, Shanghai, China*, pp.21-29.
- Sasada T. (2003). An interactive digital archive for Japanese historical architecture. *CARRDIA 2003, Thailand*,
- Snyder, J. C. (1984). *Architectural Research*. Van Nostrand Reinhold Company.

- Sternberg, R. J. (Ed.) (1988). *The nature of creativity: contemporary psychological perspectives*. Cambridge University Press.
- Sternberg, R. J. and Lubart, T.I. (1991). An investment theory of creativity and its development. *Human Development*, 34,1-32.
- Sternberg, R. J. and Lubart, T.I. (1995) *Defying the crowd: Cultivating creativity in a culture of conformity*. New York: Free Press.
- Sternberg, R. J. and Lubart, T.I. (1996). Investing in creativity. *American Psychologist*, 51, 677-688.
- Suls, J. M. (1972). A two-stage model for appreciation of jokes and cartoons. In J. Goldstein and P. McGhee (Eds.). *Psychology of Humor*. New York: Academic Press.
- Takala, T. (1993). A Neuropsychologically-Based Approach to Creativity. *Modelling creativity and knowledge-based creative design*. J. S. Gero and M. L. Maher (eds). Hillsdale, NJ. Lawrence Erlbaum Associates: 91-108.
- Thierauf, R. J. (1993). *Creative Computer software for Strategic Thinking and Decision Making*. Westport, CT: Quorum Books.
- Torgerson, T. (1990). Product review: Idea Fisher. *AI Today*, March/April, 1.
- Torrance, E. P. (1974). *Torrance Test of Creative Thinking*. Lexington, MA: personal Press.
- EL Croquis, s. l. (1995). *Frank Gehry 1991-1995*. Madrid: ELCroquis.
- Weisberg, R. W. (1986). *Creativity: genius and other myths*. New York: Freeman.
- Weisberg, R. W. (1993). *Creativity: Beyond the myth of genius*. New York: Freeman.
- Wu, Y. L. (2003). A digital modeling environment creating physical characteristics. *CARRDIA 2003, Thailand*.
- Zellner, P. (1999). *Hybird Space: New Forms in Digital Architecture*. New York: Rizzoli International Publication.
- 簡聖芬.(2003) "電腦輔助設計的播種者-傅雷明 ". *設計運算向度*. 田園城市. 台北.
- 李惠琳 (2002) "使用電腦及傳統媒材在構想發展過程上的比較 " 交通大學建築研究所碩士論文, 新竹
- 渡邊誠 (2000) "數位化設計 亞洲城市的未來 ". *藝術家雜誌* (308). 敦煌藝術網. 台北.