

Bibliography: updated 07.2009.

ALEXANDER, C. 1974, *Notes on the Synthesis of Form*, Cambridge: Harvard University Press.

ALEXANDER, C. 2004, *The Phenomenon of Life: The Nature of Order (Book 1)*, California: Centre for Environmental Structure.

ALEXANDER, C. 2004, *Process of Creating Life: The Nature of Order (Book 2)*, California: Centre for Environmental Structure.

ALEXANDER, C. 2004, *Vision of a Living World: The Nature of Order (Book 3)*, California: Centre for Environmental Structure.

ALEXANDER, C. 2004, *The Luminous Ground: The Nature of Order (Book 4)*, California: Centre for Environmental Structure.

ARMSTRONG, R. 1999, *Sci-Fi Architecture*, *AD Magazine*, Profile: NO. 138, London: John Wiley & Sons Inc., 20-21.

ARNHEIM, R. 1978, *The Dynamics of Form*, Berkeley: University of California Press.

ARNHEIM, R. 2004, *Art and Visual Perception: A Psychology of the Creative Eye*, University of California Press; 50 Anniversary Edition.

ARNHEIM, R. 2004, *Visual Thinking*, Berkeley: University of California Press.

ANSTEY, T. 2007, What is the Project? Cedric Price on Architectural Action, in *Critical Architecture*, by Jane Rendell, Jonathan Hill, Murray Fraser and Mark Dorrian (eds.), Oxon: Routledge, 220-224.

AS, I. & SCHODEK, D. 2008, *Dynamic digital representations in architecture: Vision in motions*, London: Taylor & Francis.

ASCOTT, R. 2003, The architecture of cyberception (1994). In: *Telematic embrace: visionary theories of art, technology and consciousness*, Edward A Shanken (ed.). California: University of California Press. P.319-327.

ASCOTT, R. 2003, *Telematic Embrace: Visionary Theories of Art, Technology, and Consciousness*, University of California Press.

ASHBY, R. 1956, *An introduction to cybernetics*, London: Chapman and Hall Ltd.

ASHBY, R. 1960, *Design for a Brain*, 2nd Edition, London: Chapman & Hall.

BAKER, G. 1996, *Design Strategies in Architecture*, 2nd Edition, London: Spon Press.

BANHAM, R. 1980, *Theory and Design in the First Machine Age*, 2nd Edition, The MIT Press.

BARLEY, N. 2000, Breathing Cities, In: BARLEY, N., ed. *Breathing Cities: The Architecture of Movement*, Berlin: Birkhauser, 4-75.

BAUDRILLARD, J. and NOUVEL, J. 2002, *The Singular Objects of Architecture*, University of Minnesota Press.

BENJAMIN, A. 2007, *Passing through Deconstruction: Architecture and the Project of Autonomy*, in *Critical Architecture*, by Jane Rendell, Jonathan Hill, Murray Fraser and Mark Dorrian (eds.), Oxon: Routledge, 40-47.

BENZATTI, D. 2002, *Emergent Intelligence*, AI Depot. [Online]: <http://ai-depot.com/CollectiveIntelligence/Ant.html>

BERMUDEZ, J. and SMITH, A., 1999, *Reinvesting in the power of interpretation & representation*, In: *87TH ACSA ANNUAL MEETING PROCEEDINGS Minneapolis, MN: ACSA Press, 1999*, pp. 26-29.

BETSKY, A. and ADIGARD, E. 2000, *Architecture must Burn: A manifesto for an architecture beyond building*, London: Thames & Hudson.

BIRKERTS, G. 1994, *Process and Expression in Architectural Form*, University of Oklahoma Press.

BOESIGER, W. and JEANNERET, P. 1964, *Le Corbusier and Pierre Jeanneret: the complete architectural works / volume 2, 1929-1934*, London: Thames & Hudson.

BONABEAU, E., DORIGO M. and THERAULAZ, G. 1999, *Swan Intelligence: From Natural to Artificial Systems. Santa Fe Institute Studies in the Sciences of Complexity Proceedings*, New York and Oxford: Oxford University Press.

BONNER, JT. 2005, *Editorial Introduction*, in D, Thompson, *On Growth and Form*, 7th Reprint of the 1961, Abridged version, Cambridge University Press.

BOPRY, J., BRIER, S. 2002, *The Ages of Francisco Valera*, in *Francisco J. Varela 1946-2001, Cybernetics and Human Knowing: A Journal of second-order cybernetics autopoiesis and cyber-semiotics*, Vol. 9, No. 2, UK-Exeter: Imprint Academic, 5-11.

BRAND, S. 1995, *How Buildings Learn: What Happens After They're Built*, Penguin Books.

BRIER, S. 2004, *Heinz Von Foerster 1911-2002 (Cybernetics & Human Knowing) (Cybernetics & Human Knowing: A Journal of Second-Order Cybernetics Auto Poiesis and Cyber-Semiotics)*, Exeter: Imprint Academic.

BROADBENT, G. and WARD, A. (eds), 1969, *Design Methods in Architecture*, London: Humphries.

BROADBENT, G. 1988, *Design in Architecture*, Reprint, London: Spon Press.

BROWNELL, B. 2006, *Transmaterial: A Catalog of Materials That Redefine Our Physical Environment*, Princeton Architectural Press.

BROWNELL, B. 2008, *Transmaterial 2: A Catalog of Materials That Redefine Our Physical Environment*, Princeton Architectural Press.

BRYANT, B. 2000, *Nature and culture in the age of cybernetic systems, CyberNature/CyberCulture: Redefining Natural and Cultural Borders*,

American Studies Association Annual Meeting, Detroit: Michigan, 12-15 October 2000.

BULLIVANT, L. 2005, *4dSPACE: Interactive Architecture*, Wiley & Sons Inc.

BULLIVANT, L. 2006, *Responsive environments: Architecture, art and design*, London: V&A Contemporary.

BURRY, M. 2001, *Hyposurface*, RMIT University, [Online], Available from: http://www.sial.rmit.edu.au/Projects/Aegis_Hyposurface.php

CALLAHAN, P. 2000, *Wonders of Math: What is the Game of Life* [online], Available: <http://www.math.com/students/wonders/life/life.html> [January 2005].

CAPON, D.S. 1999, *Architectural Theory*, Vol. 1 and 2, London: John Wiley & Sons.

CASTELLS, M. 2000, Chapter 6: The Space of Flow, in *The Information Age: Economy, Society and Culture - The Rise of the Network Society*, Oxford: Blackwell Publishers Ltd, 407-459.

CASTELLS, M. 2000, Chapter 7: The Edge of Forever: Timeless Time, in *The Information Age: Economy, Society and Culture - The Rise of the Network Society*, Oxford: Blackwell Publishers Ltd, 460-500.

CATTS, O. 2002, "BioFeel", *Symbiotica Research Group, The Tissue Culture and Art Project*, [online], available from: <http://www.tca.uwa.edu.au/>

CATTS, O. 2005, *The Tissue Culture and Arts Project: Victimless Leather*, [online], available from: <http://www.tca.uwa.edu.au/index.html> [April 2005].

CHING, F. 2007, *Architecture: Form, Space, & Order*, London: Wiley.

CONELY, T. 2005, Folds and folding. In: C. J. Stivale (ed.) *Gilles Deleuze: Key Concepts*, Chesham: Acumen Publishing Limited, 170-182.

COOK, P. and CLARK, W. 1999, *Archigram*, NY: Princeton Architectural Press.

COOK, P., VIDLER, A., MAYNE, T. and ROBINS, T. 1999, *Morphosis: Buildings and Projects*, Volume 3.

COOK, P. 2000, The Plug-in City. In: E. BURDEN, ed. *Visionary architecture: Inbuilt works of the imagination*, 223.

CORBUSIER, L. 1958, *The Modulor: A Harmonious Measure to the Human Scale Universally Applicable to Architecture and Mechanics*, USA: Charles Edouard Jeanneret.

CORBUSIER, L. 1964, *The Radiant City*, London: Faber and Faber Ltd.

CORBUSIER, L. 1971, *The city of tomorrow and its planning*, translated by Frederick Etchells of *Urbanisme*, London: Architectural Press.

CORBUSIER, L. 1980, *Modulor I and II*, edited by Peter De Francia and Anna Bostock, Cambridge, Mass.: Harvard University Press.

- CSIKSZENTMIHALHI, M. 1991, *Flow, The Psychology of Optimal Experience*. York: First HarperPerennial.
- DAWKINS, R. 1989, *The Selfish Gene*, 2nd Edition, New York: Oxford University Press.
- DELEUZE, G. 1988, *Foucault*, translated and edited by Sean Hand, Cambridge: Cambridge University Press.
- DERRIDA, J. and BASS, A. 1981, *Positions*, London: Athlone Press.
- DERRIDA, J. and BASS, A. 1990, *Writing and difference*, London: Routledge.
- DERRIDA, J. 1997, *Chora L Works: Jacques Derrida and Peter Eisenman*, Jeffrey Kipnis and Thomas Leiser (ed.), US: Monacelli Press.
- Di CRISTINA, G. 2001, *Architecture and Science*, London: Wiley Academy.
- DOLLENS, D. 2004, *Biomimetic Architecture: Digitally-Growing Structure, Space, Surface. Towards Biomimetic Architecture*, [Online], Available from: <http://www.tumbletruss.com/TrussImages/Biomimetic.pdf> [December 2005].
- DOLLENS, D. 2005, *Biomimetic Architecture: Digitally-Growing Structure, Space, Surface. Design Biomimetics: An Enquiry and Proposal for Architecture and Industrial Design*, [Online], Available from: <http://www.tumbletruss.com/DesignBiomimeticsSurvey.pdf> [December 2005].
- DREXLER, E. 1990, *Engines of Creation: The Coming Era of Nanotechnology*, London: Fourth Estate.
- EISENMAN, P. 1999, *Diagram diarie*, NY: Universe Publishing.
- EISENMAN, P. 2005, *CODEX*, NY: Monacelli Press.
- EISENMAN, P. 2007, *Written into the Void: Selected Writings, 1990-2004*, Yale University Press.
- EISENSTEIN, S. and BOIS, Y. 1989, Translated by M. GLENNY, *Montage and Architecture (CA. 1938)*, In: *Assemblage, No. 10 (Dec., 1989)*. MIT Press, pp. 110-131.
- ESCHER, MC. 2006, *M.C. ESCHER: the graphic work*, Germany: TASCHEN.
- EVENSON, N. 1969, *Le Corbusier: The machine and the grand design*, In: *Planning and Cities (G. ed.) George R. Collins*, New York: George Braziller, 97-111.
- EVERS, B. 2006, *Architectural Theory: From The Renaissance to the Present*, Taschen; Taschen 25 Anniversary Ed edition.
- FEUERSTEIN, G. 2001, *Biomorphic Architecture: Human and Animal Forms in Architecture*, Stuttgart: Edition Axel Menges.
- FOERSTER, H. von. 1979, *Cybernetics of cybernetics*. Urbana: University of Illinois. Available at: <http://grace.evergreen.edu/~arunc/texts/cybernetics/heinz/cybernetics.pdf> [Accessed June 2008].

FOERSTER, H. Von. 2006, *Understanding Understanding: Essays on Cybernetics and Cognition*, NY: Springer.

FOUCAULT, M. 2009 (re-print), *Madness and civilization: A history of insanity and the age of reason*, London and NY: Routledge.

FOX, M. 2002, *Beyond Kinetics*, London: SPON Press. [Online], Available from: <http://kdg.mit.edu> [Oct. 2003].

FOX, M. and YEH, B.P. 2002, *Intelligent Kinetic Systems*, London: SPON Press. [Online], Available from: <http://kdg.mit.edu> [Nov. 2003].

FRAMPTON, K. 1980, The rise and fall of the radiant city: Le Corbusier 1928-1960, In: *Opposition: A journal of ideas and criticism in architecture*, (ed.) Kenneth Frampton, Cambridge, Mass.: The Institute for Architecture and Urban Studies and The MIT Press, 2-25.

FRASER, M. 2007, Beyond Koolhaas, in *Critical Architecture*, by Jane Rendell, Jonathan Hill, Murray Fraser and Mark Dorrian (eds.), Oxon: Routledge, 332-339.

FRAZER, J. 1995, *An Evolutionary Architecture*, London: Architectural Association Publications, Themes VII, copyright John Frazer and the Architectural Association.

FRAZER, J. 2001, The cybernetics of architecture: a tribute to the contribution of Gordon Pask. *Kybernetes. The International Journal of Systems and Cybernetics* 30(5/6): pp. 641-651.

FRIEDMAN, Y. 1923, *Towards a Scientific Architecture*, LANG, C. Translator. Cambridge: MIT Press.

FRISCH, K.V. 1983, *Animal Architecture*, NY: Van Nostrand Reinhold Co.

FURTADO, J.L. 2006, Architecture's phenomenology and crisis, In: *Kriterion, Vol.2, No.se, Belo Horizonte 2006*. [Online] [Accessed: 08/08/2008]. Available: http://socialsciences.scielo.org/pdf/s_kr/v2nse/scs_al4.pdf

GALISON, P. and THOMPSON, E. 1999, *The Architecture of Science*, The MIT Press.

GELERNTER, M. 1995, *Sources of Architectural Form: A Critical History of Western Design Theory*, Manchester: Manchester University Press.

GIEDION, S. 2003, *Space, Time and Architecture: The Growth of a New Tradition*, Fifth Revised and Enlarged Edition, Harvard University Press.

GLANVILLE, R. 1995, *Chasing the Blame*, Canada: Windsor, Ontario, [Online], Available from: <http://www.univie.ac.at/constructivism/papers/glanville/glanville95-chasing.pdf>

GLANVILLE, R. 1997, *A Ship Without A Rudder*, UK: BKS+, Southsea, [Online] Available from: <http://www.univie.ac.at/constructivism/papers/glanville/glanville95-ship.pdf>

GLANVILLE, R. 1997, *Communication: Conversation 1*, in *Cybernetics and Human Knowing: A Journal of Second Order Cybernetics and Cyber-Semiotics*, Vol.4 No.1, UK-Exeter: Imprint Academic.

GLANVILLE, R. 2000, *The Value of being Unmanageable: Variety and Creativity in Cyberspace*, *Vienna: Procs of the Conference "Global Village '97"*, [Online], Available from: <http://www.univie.ac.at/constructivism/papers/glanville/glanville97-unmanageable.pdf>

GLANVILLE, R. 2002, *Francisco Varela (1946-2001): A Working Memory*, in *Francisco J. Varela 1946-2001, Cybernetics and Human Knowing: A Journal of second-order cybernetics autopoiesis and cyber-semiotics*, Vol. 9, No. 2, UK-Exeter: Imprint Academic, 67-77.

GORLIN, A. 1980, *An analysis of the governor's palace of Chandigarh*, In: *Opposition: A journal of ideas and criticism in architecture*, (ed.) *Kenneth Frampton*, Cambridge, Mass.: The Institute for Architecture and Urban Studies and The MIT Press, 161-183.

GRAND, S. 2001, *Creation: Life and How to Make It*, London: Phoenix mass market.

GRAND, S. 2004, *Growing Up with Lucy: How to Build an Android in Twenty Easy Steps*, London: Weidenfeld & Nicolson.

GORDON, D. 2003, *Collective Intelligence in Social Insects*, AI Depot, [Online], Available: <http://ai-depot.com/Essay/SocialInsects.html>

GORDON, D.M. 2003, *The Organization of Biological Insect Colonies*, *Nature* 380, 121-124.

GOMBRICH, E.H., HOCHBERG, J. and BLACK, M. 1973, *Art, Perception, and Reality*, Baltimore: The Johns Hopkins University Press.

GRASSE', PP. 1959, *La Reconstruction du nid et les coordinations interindividuelles*, *La théorie de la stigmergie*, *Insectes Sociaux* 6: 41-84.

HARAWAY, D., and GILBERT, S. 2004, *Crystals, Fabrics and Fields*. Berkeley, CA: North Atlantic Books.

HARBISON, R. 1993, *The Built, the unbuilt and the unbuildable*. Thames and Hudson.

HANSELL, M.H. 1984, *Animal Architecture and Building Behaviour*, NY: Longman.

HAYLES, N.K. 2004, *NanoCulture: Implications of the New Technoscience*.

HAYS, M.K. 1995, *Modernism and the Posthumanist Subject: The Architecture of Hannes Meyer and Ludwig Hilberseimer*, The MIT Press.

HAYS, M.K. 2000, *Architecture theory since 1968*, The MIT Press.

HENDRIX, J. 2003. *Architectural Forms and Philosophical Structures*, New York, Bern, Berlin, Bruxelles, Frankfurt/M., Oxford, Wien: Peter Lang Publishing Group.

- HENSEL, M., MENGES, A. and WEINSTOCK, M. 2004, *Emergence: Morphogenetic design Strategies*. Seattle: Academy Press.
- HENSEL, M., MENGES, A. and WEINSTOCK, M. 2006, *Techniques and Technologies in Morphogenetic Design*, John Wiley & Sons Inc.
- HERRON, R. 2000, *Walking Cities*, In: E. BURDEN, ed. *Visionary architecture: Inbuilt works of the imagination*, 224.
- HESSE, M. 2005, *Forces and Fields: The Concept of Action at a Distance in the History of Physics*. NY: Dover Publications.
- HEYNEN, H. 2007, *A Critical Position for Architecture*, in *Critical Architecture*, by Jane Rendell, Jonathan Hill, Murray Fraser and Mark Dorrian (eds.), Oxon: Routledge, 48-56.
- HIGHT, C. 2008, *Architectural principles in the age of cybernetics*, NY and London: Routledge.
- HIGHT, C. & PERRY, C. 2006, *Collective intelligence in design*, *AD Magazine*, Vol. 76, No. 5, London: Wiley & Sons.
- HILL, J. 2001, *Architecture - The Subject is Matter* (ed). London: Routledge.
- HILL, J. 2003, *Actions of Architecture: Architects and Creative Users*, Oxford: Routledge.
- HILL, J. 2006, *Immaterial Architecture*, Oxford: Routledge.
- HILLIER, B. 1996, *Space is the Machine: A Configurational Theory of Architecture*, Cambridge: Cambridge University Press.
- HOFFMEYER, J. 1994, *The swarming body*, *Proc. 5th Congress of the International Association for Semiotic Studies*, Berkeley, [Online]:<http://www.molbio.ku.dk/MolBioPages/abk/PersonalPages/Jesper/Swarm.html>
- HOLL, S., PALLASMAS, J. and PEREZ-GOMEZ, A. 1994, *Questions of perception, Phenomenology of architecture*, A+U: Architecture and Urbanism Publishing Co., Ltd: Japan.
- HOLLAND, J. 1992, *Adaptation in Natural and Artificial Systems: An Introductory Analysis with Applications to Biology, Control and Artificial Intelligence (Complex Adaptive Systems S.)*, Cambridge: The MIT Press.
- HOLLAND, J. 1995, *Hidden Order: How Adaptation Builds Complexity*, NY: Perseus Books.
- HOLLAND, J. 1998, *Emergence: From Chaos to Order*, NY: Oxford University Press.
- HOLLOBER, B. and WILSON, E.O. 1990, *The Ants*, Belknap Press.
- INGRAHAM, C. 2006, *Architecture, Animal, Human: The Asymmetrical Condition*, NY: Routledge.
- JENCKS, C. 1997, *The Architecture of the Jumping Universe*, 2nd Edition, London: Wiley-Academy.

JENCKS, C. 2002, *The New Paradigm in Architecture*, 7th Edition of The Language Of Post-Modern Architecture. London: Yale University Press.

JENCKS, C. and KROPP, K. (eds) 2003, *Theories and Manifestoes of Contemporary Architecture*, Reprint, London: Wiley-Academy.

JOHANSEN, J.M. 2002, *NANOARCHITECTURE: A New Species of Architecture*, NY: Princeton Architectural Press 10003.

JOHNSON, S. 2002, *Emergence: The Connected Lives of Ants, Brains, Cities, and Software*, New York: Scribner.

JOMRMAKKA, K. 2002, Flying Dutchmen: Motion in Architecture. A. SAGGIO, ed. In: *The IT Revolution in Architecture*. Basel: Birkhauser, 5-23.

KAUFFMAN, L. H. 2002, Laws of Form and Form Dynamics, in *Francisco J. Varela 1946-2001, Cybernetics and Human Knowing: A Journal of second-order cybernetics autopoiesis and cyber-semiotics*, Vol. 9, No. 2, UK-Exeter: Imprint Academic, 49-67.

KIERAN, S. and TIMBERLAKE, J. 2003, *Refabricating Architecture: How Manufacturing Methodologies are Poised to Transform Building Construction*, NY: McGraw-Hill Professional

KIRSH, D. 2001, *Changing the rules: architecture and the new millennium*, Department of Cognitive Science, UCSD, [Online]: <http://interactivity.ucsd.edu/articles/Convergence/final.html> [Jan 2004].

KRISSSEL, M. 2004, Gilles Deleuze: The architecture of space and the fold, on Philosophy of materials and structures. [Online]: <http://www.krisselstudio.com/000-docs/2-research/Gilles%20Deleuze.pdf> [Jan 2008].

KWINTER, S. 2002, *Architectures of Time*, Cambridge: MIT Press.

LANG, J.T. 1987, *Creating Architectural Theory: The Role of the Behavioural Sciences in Environmental Design*, NY: Van Nostrand Reinhold Co.

LAWSON, B. 2001, *The Language of Space*, Oxford: Architectural Press.

LAWSON, B. 2005, *How Designers Think, Fourth Edition: The Design Process Demystified*, Oxford: Architectural Press.

LEACH, N., TURNBULL, D. & WILLIAMS, C. 2004, *Digital tectonics*, London: Wiley Academy.

LIBESKIND, D. 2004, *Breaking Ground: Adventures in Life and Architecture*, CA: John Murray.

LEVY, S. 1993, *Artificial Life: Quest for a New Creation*, London: Penguin Books.

LUDVIGSEN, B. 1993, Presence and form in the architecture of cyberspace, In: *NAIM 2/93 (Norwegian Artificial Intelligence Magazine)*. [Online] [Accessed: 07/08/2008]. Available: <http://www.ludvigsen.hiof.no/webdoc/inet93/presence.html>

- LUM, E. 2003, Conceptual Matter: on thinking and making conceptual architecture, *In: Harvard Design Magazine*, Fall 2003/ Winter 2004, Number 19, Harvard: The President and Fellows of Harvard College. [Online], [Accessed 9th May 2007], Available: http://www.gsd.harvard.edu/research/publications/hdm/back/19_lum.pdf
- LYNN, G. 1980, *Folding in Architecture*, Chichester: Wiley Academy.
- LYNN, G. 1998, Folds, Bodies and Blobs. *In: M. LACHOWSKY, J. BENZASKIN, eds. "Body Matters"*, Brussels: Books-By-Architects, 223-232.
- LYNN, G. 1999, *Animate Form*, NY: Princeton Architectural Press.
- LYNN, G. 2000, Greg Lynn: Embryological Houses, in *AD: Contemporary processes in architecture*. London: John Wiley & Son, p26-35.
- MATHEWS, S. 2005, The Fun Palace: Cedric Price's experiment in architecture and technology. *In: R. Ascott ed. Technoetic Arts: A Journal of Speculative Research*, Vol.3 No.2, 73-91.
- McMAHON, M. 2005, Difference, repetition. *In: C. J. Stivale (ed.) Gilles Deleuze: Key Concepts*, Chesham: Acumen Publishing Limited, 42-53.
- MEISS, P von. 1996, *Elements of Architecture*, London: E&FN SPON.
- MENIN, S. and SAMUEL, F. 2003, Nature and Space: Aalto and Corbusier, London: Routledge, 64.
- MENSINK, J. 2002, Architecture is turning wild!, *In: B. NOLAN, translator. "Game, Set and Match"*, December 13 2001 Delft.
- MERLEAU-PONTY, M. 2003, *Phenomenology of perception*, Translated by: Colin Smith, London and NY: Routledge.
- MITCHELL, C.T. 1996, *New Thinking in Design: Conversations on Theory and Practice*, London: Wiley & Sons Inc.
- MONEO, R. 2004, *Theoretical Anxiety and Design Strategies: In the Work of Eight Contemporary Architects*, Cambridge: The MIT Press.
- MOONEY, T. and MORAN, D. 2002, *The phenomenology reader*, London: Routledge.
- MOOS, S. von 1979, *Le Corbusier: Elements of a synthesis*, MIT Press, 252-331.
- MULHALL, D. 2002, *Our Molecular Future: How nanotechnology, robotics, genetics and artificial intelligence will transform our world*, NY: Prometheus Books.
- MURRANI, S. 2005, Re-thinking Architectural Form: the emergence of self-organized architectural form. *The Altered States Conference Proceedings, Plymouth, UK*. Plymouth: Liquid Press.
- MURRANI, S. 2006, Stigmergic Architecture. *The 8th Consciousness Reframed Conference Proceedings, Plymouth, UK*. Plymouth: Liquid Press.

MURRANI, S. 2007, *The Behaviour of Architectural Forms*, In Roy Ascott (ed) *Technoetic Arts: A journal of speculative research*, Vol5. N°3, Intellect Publishers of Original Thinking.

MURRANI, S. 2009, *Instability and Incompleteness in Architecture*, July 2008 paper, 9th *Consciousness Reframed*. Theme: *New Realities: Being Syncretic*, University of Applied Arts Vienna, Austria, Wien NY: Springer.

NESBITT, K. 1996, *Theorizing a New Agenda for Architecture: An Anthology for Architectural Theory 1965-1995*, NY: Princeton Architectural Press.

NIO, M., SUYBROEK, L. (NOX) 1996, *The Strategy of the Form*, NOX, [Online] Was Available from: <http://www.v2.nl/DEAF/96/nodes/NOX/text1.html> [September 2003].

NORBERG-SCHULZ, C. 1975, *On the search for lost architecture : the works of Paolo Portoghesi Vittorio Gigliotti 1959-1975*, Officina Edizioni.

NORBERG-SCHULZ, C. 1980, *Genius loci: towards a phenomenology of architecture*, New York: Rizzoli.

NORBERG-SCHULZ, C. 1988, *Architecture: meaning and space; selected essays*, New York: Electa/Rizzoli.

NORBERG-SCHULZ, C. 1988, *New world architecture*, New York: Princeton Press.

NORBERG-SCHULZ, C. 2000, *Architecture: presence, language and place*, Milan: Skira Editore.

NOVAK, M. 1991, *Liquid Architecture in Cyberspace*, In: M. Benedikt (ed.) *Cyberspace; first steps*, Cambridge: MIT Press.

NOVAK, M. Internet column, Dec. 1998, Available from: <http://www.archis.org/>.

OOSTERHIUS, K. 2002, *Architecture Goes Wild*, Rotterdam: 010 publishers.

OOSTERHIUS, K. 2002, *Programmable Architecture*, L'Arcaedizioni.

OOSTERHIUS, K. 2003, *Hyper Bodies: Towards an E-motive architecture*. In: A. SAGGIO, (ed.) *The IT Revolution in Architecture*. Basel: Birkhauser, 31-71.

OOSTERHIUS, K. 2006, *Swarm Architecture 2, Theory/ Project*, [Online] Available from: <http://www.oosterhuis.nl/quickstart/index.php?id=452> [September 2006].

PALLASMAA, J. 2005, *Encounters: Architectural essays*, (ed.) Peter MacKeith, Finland: Rakennustieto Publishing.

PALLASMAA, J. 2005, *The eyes of the skin: Architecture and the senses*, London: John Wiley & Sons Ltd.

PASK, G. 1969, *The architectural relevance of cybernetics*, *Architectural Design*, Vol. September, Standard Catalogue Co Ltd. 494-6.

PEARCE, P. 1978, *Structure in Nature is a Strategy for Design*, Cambridge: MIT Press.

PIAS, C. 2005, Analog, digital, and the cybernetic illusion. In: *Kybernetes*, Volume: 34 Issue: 3/4 Page: 543-550. Emerald Group Publishing Limited.

PONTE, A., PICON, A. and PONTE, A. 200, *Architecture and Science: Exchanging Metaphors*, Princeton: Princeton Architectural Press.

POWELL, K. 2000, *City Transformed: Urban Architecture at the beginning of the 21st Century*, London: Laurence King publishing an imprint of calmann & King Ltd.

PRICE, C., ISOZAKI, A., KEILLER, P. and OBRIST, U. 2003, *Re:CP*, Switzerland: Birkhauser - Publishers for Architecture.

PRIGOGINE, I. 1980, *From Being to Becoming: Time and Complexity in the Physical Sciences*, NY: W H Freeman.

RAHIM, A. 2000, *Contemporary Processes in Architecture*, AD Magazine, Profile: NO. 145. London: Wiley Academy.

RAHIM, A. 2002, *Contemporary Techniques in Architecture*, AD Magazine, Profile: NO. 155, London: Wiley Academy.

READ, A.G. and DOO, P. 1983, *Architecture and Visual Perception*, Cambridge: MIT Press.

RENDELL, J. 2007, Critical Architecture: Between Criticism and Design, in *Critical Architecture*, by Jane Rendell, Jonathan Hill, Murray Fraser and Mark Dorrian (eds.), Oxon: Routledge, 1-8.

RESTAK, R. 1995, *An Introduction to What Neuroscience Has Learned About the Structure, Function, and Abilities of the Brain*, New York: Harper Collins.

ROOKES, P. 2000, *Perception: Theory, Development and Organisation*, Oxford: Routledge.

ROSENBLUETH, A., WIENER, N. and BIGELOW, J. 1943, Behaviour, purpose and teleology, *Philosophy of science*, Vol. 10, No. 1, pp18-24.

RUDD, J.W. 1985, Architecture and ideas: A phenomenology of interpretation, In: *Journal of Architectural Education*, Vol.38, No.2, Blackwell Publishing on behalf of the Association of Collegiate Schools of Architecture, Inc. [Online] [Accessed: 06/08/2008] Available: <http://www.jstor.org/stable/1424812>

RUDOFISKY, B. 1972, *Architecture without Architects*, John Wiley & Sons Inc.

RUGGERI, L. 2007, The Poetics of Urban Inscription: From Metaphorical Cognition to Counter-representation, in *Critical Architecture*, by Jane Rendell, Jonathan Hill, Murray Fraser and Mark Dorrian (eds.), Oxon: Routledge, 103-111.

SAARINEN, E. 1985, *The search for form in art and architecture*, New York: Dover Publications.

- SADLER, S. 2005, *Archigram: architecture without architects*, Cambridge, Mass.: MIT Press.
- SALINGAROS, N. 2004, Design methods, emergence, and collective intelligence, *Talk given at the Inaugural Conference, Delft School of Design, June 2004*. Texas: Department of Applied Mathematics.
- SALINGAROS, N. 2006, *Theory of Architecture*, Germany: Umbau-Verlag, Solingen.
- SCHAIK, van L. 2008, *Spatial intelligence: New futures for architecture*, London: Wiley and Sons Ltd.
- SCHMITT, G. 1999, Information Architecture: Basis and future of CAAD. In: A. SAGGIO, (ed.) *The IT Revolution in Architecture*, Basel: Birkhauser, 7-83.
- SCRUTON, R. 1980, *The Aesthetics of Architecture*, Princeton University Press.
- SENOSIAIN, J. 2003, *Bio-Architecture*, Oxford: Architectural Press.
- SHEIL, B. 2008, Protoarchitecture: Analogue and digital hybrids, *AD Magazine, Vol. 78, No.4*, London: Wiley & Sons.
- SILVER, M. 2006, Programming cultures: Art and architecture in the age of software, *AD Magazine, Vol. 76, No. 4*, London: Wiley Academy.
- SMITH, P. F. 2003, *The Dynamics of Delight*, Routledge.
- SPILLER, N. 1997, *Trasarchitecture, Digital Dreams*, [Online] Available: <http://membres.lycos.fr/dilouyum/trans/catalogue42.htm>
- SPILLER, N. 1998, *Digital Dreams: Architecture and the New Alchemic Technologies*, Condon: Ellipsis.
- SPILLER, N. 2000, Architecture in the Bitstream, *CRAC in Context*, [Online] Available: <http://www.crac.org/contextmapp/neil.htm>
- SPILLER, N. 2002, *Cyber reader: critical writings for the digital era*, London: Phaidon.
- SPILLER, N. 2002, *Reflexive Architecture*, AD Magazine, Profile: NO 157. London: Wiley Academy.
- SPILLER, N. 2005, Deformography: the poetics of cybridised architecture, *Papers of Surrealism, Issue 4*, Haecceity Inc. Online Publishing Portal, [online]. [Accessed 6th June 2007], Available: http://www.haecceityinc.com/public_lecture/Neil%20Spiller%20lecture.pdf
- SPILLER, N. 2006, *Visionary Architecture: Blueprints of the Modern Imagination*, London: Thames & Hudson Ltd.
- SPUYBROEK, L. 2004, *NOX: machining architecture*, London: Thames & Hudson Ltd.
- SODDU, C. 1997, *Argenia*, Generative Design
- SODDU, C. 2000, *From Formation to Transformation*.

- STEINBOCK, A. 1995, *Home and beyond: Generative phenomenology after Husserl*, Illinois: Northwestern University Press.
- SURIN, K. 2005, Force. In: C. J. Stivale (ed.) *Gilles Deleuze: Key Concepts*, Chesham: Acumen Publishing Limited, 19-31.
- SYLVESTER, D. 1988, *Interviews with Francis Bacon*, London: Thames and Hudson.
- TERZIDIS, K. 2003, Expressive form: A conceptual approach to computational design, NY: Spon Press.
- THOMPSON, W. D'Arcy 2005, *On Growth and Form*, 7th Reprint of the 1961 Abridged version, Cambridge University Press.
- THRIFT, N. 2000, Information, In: BARLEY, N., ed. *Breathing Cities: The Architecture of Movement*, Berlin: Birkhauser, 102-114.
- TRASI, N. 2001, *Interdisciplinary Architecture*, London: Wiley Academy.
- TOY, M. 1993, *Visions for the Future*, AD Magazine, Profile: NO 104, London: Wiley Academy, 7.
- TSCHINKEL, WR. 2005, The nest architecture of the ant, *Camponotus socius*. 18pp. *Journal of Insect Science*, 5:9, Available at: http://www.insectscience.org/5.9/Tschinkel_JIS_5_9_2005.pdf [Accessed June 2008].
- VENTURI, R. 1977, *Complexity and Contradiction in Architecture*, New York: Museum of Modern Art.
- VENTURI, R. and BROWN, D.S. 1977, *Learning from Las Vegas - Revised Edition: The Forgotten Symbolism of Architectural Form*, The MIT Press.
- VENTURI, R. and BROWN, D.S. 2004, *Architecture as Signs and Systems: For a Mannerist Time*, Cambridge, London: The Belknap Press of Harvard University Press.
- VERSTEGEN, I. 2005, *Arnheim, Gestalt and Art: A Psychological Theory*, Austria: Springer-Verlag.
- VESELY, D. 2006, *Architecture in the age of divided representation: The question of creativity in the shadow of production*, MIT Press.
- WAGNER, A. 2001, The Nature of Demand. In: L. WOODS, ed. *Radical Reconstruction*, NY: Princeton Architectural Press, 9-12.
- WATSON, V. 2007, On Drawing Forth, Designs and Ideas, in *Critical Architecture*, by Jane Rendell, Jonathan Hill, Murray Fraser and Mark Dorrian (eds.), Oxon: Routledge, 237-246.
- WATZLAWICK, P. 1984, *The invented reality: how do we know what we believe we know? contributions to constructivism*, New York; London: Norton.
- WEBER, A. 2002, The "Surplus of Meaning" Biosemiotic aspects in Francisco J. Varela's Philosophy of Cognition, in *Francisco J. Varela 1946-2001, Cybernetics and Human Knowing: A Journal of second-order*

cybernetics autopoiesis and cyber-semiotics, Vol. 9, No. 2, UK-Exeter: Imprint Academic, 11-31.

WEISSTEIN, E.W. 1999, *Space-Filling Polyhedron: From MathWorld - A Wolfram Web Resource* [Online], Available: <http://mathworld.wolfram.com/SpaceFillingPolyhedron.html> [March 2005].

WERTHEIMER, M. 1982, *Productive Thinking*, Phoenix Edition: University of Chicago Press.

WHITEHEAD, M. 2006, *Metacreation: Art and Artificial Life*, The MIT Press.

WHYTE, L.L. 1968, *Aspects of Form*, Burlington: Lund Humphries.

WIENER, N. 1962, *Cybernetics (or Control and Communication in the Animal, and the Machine)*, The MIT Press.

WINTERS, N. 2005, *Architecture is Elementary*, revised, Utah: Gibbs Smith.

WINTERS, E. 2007, *Aesthetics and architecture*, Continuum International Publishing Group Ltd.

WOLPERT, L. 2002, *Principles of development*, NY: Oxford University Press, Chapter One.

WOODS, L. 1996, *War and architecture*, NY: Princeton Architectural Press.

WOODS, L. 2001, *Tactics and strategies*, In: L. WOODS, ed. *Radical reconstruction*, NY: Princeton Architectural Press, 27.

ZUMTHOR, P. 2006, *Atmospheres: Architectural environments. Surrounding objects*, Basel: Birkhauser Verlag AG.

ZUMTHOR, P. 2006, *Thinking architecture*, Basel: Birkhauser Verlag AG.