

BEGINNING READINGS ON SPACE SYNTAX

Compiled by

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- Hillier, Bill and Leaman, A. (1974) *How is design possible?* Journal of Architectural and Planning Research, 3 (1). pp. 4-11, available at <http://eprints.ucl.ac.uk/archive/00002321/01/hillier-leaman1973b-howisdesignpossible.pdf>
- Bill Hillier, (1983), "Space Syntax: A Different Urban Perspective", *Architects' Journal*, vol. 178, no. 48, Nov. 30, pp. 47-63.
- Hillier, B.; Hanson, J., (1984), *The social logic of space*, Cambridge University Press, Cambridge (see Chapter 3)
- Bentley, A. Babcock, P. Murrain, S. McGlynn, & G. Smith, (1985), "Introduction" in *Responsive Environments* , Architectural Press, London, pp. 9-15
- Hillier, Bill and Hanson, Julienne and Peponis, John (1987) *Syntactic Analysis of Settlements*. Architecture et Comportement/Architecture and Behaviour, 3 (3). pp. 217-231, available at <http://eprints.ucl.ac.uk/archive/00000086/>
- Hillier, Bill and Burdett, Richard and Peponis, John and Penn, Alan (1987) *Creating Life: Or, Does Architecture Determine Anything?* Architecture & Comportement/ Architecture & Behaviour, 3 (3). pp. 233-250, available at <http://eprints.ucl.ac.uk/archive/00000101/>
- J. Peponis, (1989), "Space, Culture and Urban Design in Late Modernism and after, " *Ekistics* , vol. 56, no. 334-355, pp. 93-100
- Peponis, J., E. Hadjinikolaou, et al. (1989). "The Spatial Core of Urban Culture." *Ekistics* **34, 335 Jan-Feb, Mar-Apr** : 43-55
- Hillier, B. (1993), "Specifically architectural theory: a partial account of the ascent from building as cultural transmission to architecture as theoretical concretion", in *Harvard*

Architecture Review

, 9, 8-27, available at

http://eprints.ucl.ac.uk/archive/00001027/01/hillier_1993-specifically_architectural.pdf

- Hillier, B. and Penn, A. and Hanson, J. and Grajewski, T. and Xu, J., (1993), "Natural movement: or, configuration and attraction in urban pedestrian movement", *Environment and Planning B*, 20 (1), pp. 29-66.

- Hillier, B. (1996), "Cities as movement economies", *Urban Design International*, 1 (1), pp. 41-60.

- [Jiang B., Claramunt C. and Klarqvist B. \(2000\), "An Integration of Space Syntax into GIS for Modelling Urban Spaces", *International Journal of Applied Earth Observation and Geoinformation*, Vol.2, pp.161-171 .](#)

- [Jiang, B. and Claramunt, C., "Integration of Space Syntax into GIS: New Perspectives for Urban Morphology" in *Transactions in GIS*, Blackwell Publishers Ltd, 6\(3\), 2002, 295-309](#) (See Section 2)

- Sonit Bafna, (2003), "**Space Syntax: A Brief Introduction to Its Logic and Analytical Techniques**" in *Environment and Behavior* 35, pp. 17-29 available at <http://eab.sagepub.com/cgi/reprint/35/1/17>

- P. Murrain, "Urban Expansion: Look Back and Learn, (date?)," in *Making Better Places: Urban Design Now*, R. Hayward & S. McGlynn, eds. Butterworth, London, pp. 83-94

- "Space Syntax" in Wikipedia, available at http://en.wikipedia.org/wiki/Space_syntax

- Hillier, B. (2005). "[The Art of Place and the Science of Space](#) ." *World Architecture* 11(18 5: Special issue on Space Syntax): 24-34, Chinese, 96-102 English.

UNPUBLISHED PAPERS

- Hillier, Bill (date??) The Common Language Of Space: a way of looking at the social, economic and environmental functioning of cities on a common basis, available at <http://www.spacesyntax.org/publications/commonlang.html>

- [Ana Maria Passos Mota, Antônio Alexandre Cavalcante Leite, Frederico de Holanda, \(date??\) "Eccentric Brasilia", Laura Regina Simões de Bello Soares, Patrícia Melasso Garcia, Programa de Pós-Graduação em Arquitetura e Urbanismo, Faculdade de Arquitetura e](#)

Urbanismo, Universidade de Brasília

- Frederico de Holanda,(date???), “Class Footprints In The Landscape” Institutional affiliation: Faculdade de Arquitetura e Urbanismo, Universidade de Brasilia
- Haq S., (2003), Relational aspects of space in design: Examples of Space Syntax, Texas Tech University.

From a phenomenological perspective,

- Seamon, David, “Grasping the Dynamism of Urban Place: Contributions from the Work of Christopher Alexander, Bill Hillier, and Daniel Kemmis”, chapter 7, in Tom Mels, editor, *Reanimating Places: A Geography of Rhythms*, London: Ashgate, available at http://www.arch.ksu.edu/seamon/buttimer_chap.htm

- Seamon, David, “The Life of the Place: A Phenomenological Commentary On Bill Hillier’s Theory of Space Syntax”, *Nordisk Arkitekturforskning [Nordic Journal of Architectural Research]*, 7, 1994, pp. 35-48. Available without images at. <http://www.arch.ksu.edu/seamon/hillier93.htm>

From a cognition perspective

- Jiang, B., (1998). "A Space Syntax Approach to Spatial Cognition in Urban Environments", Position paper for NSF-funded research workshop on Cognitive Models of Dynamic Phenomena and Their Representations, October 29 - 31, 1998, University of Pittsburgh, Pittsburgh, PA, available at <http://www2.sis.pitt.edu/~cogmap/ngcia/jiang.html>
- Haq, S., (2001) “Space Syntax”, in *Complex Architectural Settings: An Investigation of Spatial and Cognitive Variables Through Wayfinding Behavior*, *PhD Dissertation*, Georgia Tech.
- Zimring C., and Dalton, R. C., (2003), **“Linking Objective Measures Of Space To**

Cognition And Action”

Behavior

available at

[p://eab.sagepub.com/cgi/reprint/35/1/3](http://eab.sagepub.com/cgi/reprint/35/1/3)

, *Environment and*

35, pp. 3-16.

[ht](#)

- Penn, a., (2003), “**Space Syntax And Spatial Cognition: Or Why the Axial Line?**” in *Environment and Behavior* 35: pp. 30-65, available at

<http://eab.sagepub.com/cgi/reprint/35/1/30>

- Haq, S. and Zimring C., (2003), “Just down the road a piece: the development of topological knowledge of building layouts”, in *Environment and Behavior*, Vol 35, No.1, Jan, pp. 132-160, available at

<http://eab.sagepub.com/cgi/reprint/35/1/132>

IMPORTANT WEBSITES FOR MORE PUBLICATIONS:

<http://www.spacesyntax.org/>

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