

The designer must work to negotiate a solution which meets the relative and disparate sets of criteria which are held, often implicitly, by clients, users and legislators as well as members of the design team.

Portillo and Dohr have contributed to this discussion significantly by recognising the importance of criteria in the design process. The problem with design so often is that you cannot set sensible criteria for success unless you have some appreciation of what is possible. Criteria therefore are not necessarily absolute in the design process, except sometimes when set by legislators, and we shall see in Chapter 13 that they can sometimes be very destructive as a result!

References

- Cairns, G. M. (1996). 'User input to design: confirming the 'User-Needs Gap' model.' *Environments by Design* 1(2): 125–140.
- Candy, L. and Edmonds, E. (1996). 'Creative design of the Lotus bicycle: implications for knowledge support systems research.' *Design Studies* 17(1): 71–89.
- Cross, N. (1996). 'Winning by design: the methods of Gordon Murray, racing car designer.' *Design Studies* 17(1): 91–107.
- Darke, J. (1978). The primary generator and the design process. *New Directions in Environmental Design Research: proceedings of EDRA 9*. Washington, EDRA. 325–337.
- Edmonds, E. A. and Candy, L. (1996). Supporting the creative user: a criteria based approach to interaction design. *Creativity and Cognition*. Loughborough, LUTCHI. 57–66.
- Heath, T. (1984). *Method in Architecture*. Chichester, Wiley.
- Hillier, B. and Leaman, A. (1972). 'A new approach to architectural research.' *RIBA Journal* 79(12):
- Jones, P. B. (1995). *Hans Scharoun*. London, Phaidon.
- Lasdun, D. (1965). 'An architect's approach to architecture.' *RIBA Journal* 72(4).
- Lawson, B. R. (1994). *Design in Mind*. Oxford, Butterworth Architecture.
- Le Corbusier (1946). *Towards a new Architecture*. London, The Architectural press.
- March, L. and Steadman, P. (1974). *The Geometry of Environment*. London, Methuen.
- Markus, T. A. (1969). The role of building performance measurement and appraisal in design method. *Design methods in Architecture*. London, Lund Humphries.
- Norberg-Schultz, C. (1966). *Intentions in Architecture*. Cambridge, Mass, MIT Press.
- Page, J. K. (1972). Planning and protest. *Design Participation*. London, Academy Editions.
- Portillo, M. and Dohr, J. H. (1994). 'Bridging process and structure through criteria.' *Design Studies* 15(4): 403–416.

- Rand, P. (1970). *Thoughts on Design*. London, Studio Vista.
- Rowe, P. G. (1987). *Design Thinking*. Cambridge Mass, MIT Press.
- Roy, R. (1993). 'Case studies of creativity in innovative product development.' *Design Studies* 14(4): 423–443.
- Suckle, A., Ed. (1980). *By Their Own Design*. New York, Whitney.
- Wilson, C. S. J. (1986). 'The play of use and use of play.' *Architectural Review* 180(1073): 15–18.
- Zeisel, J. (1984). *Inquiry by Design*. Cambridge, Cambridge University Press.