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development

Industrial design methods; Future ICT developments; Design Study; Creating space of thought; Perceiving and conceiving; Formation of the image; Experience, intuition and conception; Designing an office; Designing a village; Urban design methods; Designing in a determined context; Study by Design; Types of study by design; Designing Naturalis in a changing context; Designing a building for art and culture; Contemplations for Copenhagen; Learning from The Bridge project; Creating non-orthogonal architecture; Design in Strategy; Epilogue; Bibliography; Index of figures and tables; Index

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Sommario/riassunto

How can we develop a scientific basis for architectural, urban and technical design? When can a design be labelled as scientific output, comparable with a scientific report? What are the similarities and dissimilarities between design and empirical research, and between design research, typological research, design study and study by design? Is there a need for a particular methodology for design driven study and research? With these questions in mind, more than forty members of the Faculty of Architecture of the Delft University of Technology have described their ways of study and research. Each chapter shows the objectives, the methodology and its implementation in search for a deeper knowledge of design processes and an optimal quality of the design itself. The authors - among them architects, urban planners, social scientists, lawyers, technicians and information scientists - have widely differing backgrounds. Nevertheless, they share a great deal. The central focus is a better understanding of design processes, design tools and the effects of design interventions on issues such as utility, aesthetics meaning, sustainability and feasibility.

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