



Section I:

Design Research Methods

Engineering design research embraces a broad area of approaches and methods in order to extend knowledge about the influences on the processes and results in design.

Section I deals with the challenge of how to establish design research and design research methods. Five contributions address the following questions:

How to gain knowledge about complex problem-solving processes in the fields of engineering design and product development?

What are the different perspectives and approaches of the engineering design process?

What problems occur when comparing results in design research?

How should we proceed in design research and in developing design methods?

The contributions follow from a general discussion on how to proceed in investigating design processes to illustrate different approaches, and the question of future visions in design research.