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Sommario/riassunto

The design, construction and verification of complex two- and three-dimensional shapes in architecture and ship geometry have always been a particularly demanding part of the art of engineering. Before science-based structural design and analysis were applied in the construction industries, id est, before 1800, the task of conceiving, documenting and fabricating such shapes constituted the most significant interface between practitioner's knowledge and learned knowledge, above all in geometry. The history of shape development in these two disciplines therefore promises especially valuable insights into the knowledge history of shape creation. This volume is a collection of contributions by outstanding scholars in their fields of study, archaeology, history of architecture and ship design, in classic antiquity, the Middle Ages and the early modern period. The volume presents a comparative knowledge history in these two distinct branches of construction engineering.

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