

Table of contents
List of Figures
Preface
Color plate section

INTRODUCTION

1. Shape Creation Knowledge in Civil and Naval Architecture, Horst Nowacki

ANTIQUITY

2. On the Use of Design in Ancient Mediterranean Ship Construction, Patrice Pomey
3. Were the Hittites Able to Build a Replica of an Egyptian Ship According to Their Own Drawings?, Lucien Basch
Reply to Lucien Basch by Patrice Pomey
4. Markings and Pegs: Clues to Geometrical Procedures of Roman Naval Architecture?, Ronald Bockius
5. Ancient Greek and Roman Architects' Approach to Curvature – The Corinthian Capital, Entasis and Amphitheaters, Mark Wilson Jones

MIDDLE AGES

6. “To Design” and “to Build” Mediaeval Ships (Fifth to Fifteenth Centuries) – The Application of Knowledge Held in Common with Civil Architecture, or in Isolation?, Eric Rieth
7. Boat and Boat House. The Conceptional Origins of Clinker Boats and Boat-Shaped Halls of the Fourth –Eleventh Centuries in Scandinavia, Ole Crumlin-Pedersen
8. Gothic and Renaissance Design Strategies in Stonecutting, Enrique Rabasa Díaz and José Calvo López
9. On Late-Gothic Vault Geometry, Jos Tomlow

MODERN ERA

10. The Shipbuilding Text of Michael of Rhodes, David McGee
11. Naval Architecture Digitalized – Introducing Arithmetic and Geometry into Late Mediaeval Shipwrightry, Ulrich Alertz
12. Pregnant Columns. From Word to Shape, Antonio Becchi
13. From One Curve to Another or the Problem of Changing Coordinates in Stereotomic Layouts, Joël Sakarovitch
14. The Squinch of Anet, Martina Lenz
Conclusion

APPENDICES

A. From Words to Technical Practices: Moulds and Naval Architecture in the Middle Ages, Eric Rieth
B. The Rare Traces of Constructional Procedures in “Practical Geometries”, Jens Høyrup
C. Draughting Curves Used in Ship Design, Jobst Lessenich
D. Bibliographical Notes on Historical Metrology, Compiled by Jobst Lessenich

Index