

| | |
|-------------------------|--|
| 1. Record Nr. | UNINA9910458850603321 |
| Titolo | Creating shapes in civil and naval architecture [[electronic resource]] : a cross-disciplinary comparison / / edited by Horst Nowacki and Wolfgang Lefevre |
| Pubbl/distr/stampa | Leiden ; ; Boston, : Brill, 2009 |
| ISBN | 1-282-60172-5 9786612601729 90-474-2691-6 |
| Descrizione fisica | 1 online resource (470 p.) |
| Collana | History of science and medicine library, , 1872-0684 ; ; v. 11 |
| Altri autori (Persone) | NowackiH (Horst) LefevreWolfgang <1941-> |
| Disciplina | 623.8/1 |
| Soggetti | Naval architecture - Design and construction - History Hulls (Naval architecture) - Design and construction - History Shape theory (Topology) Structural optimization Shipbuilding - History Electronic books. |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Description based upon print version of record. |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | Preliminary Materials / H. Nowacki and W. Lefèvre -- Colour Plates I–LII / H. Nowacki and W. Lefèvre -- Chapter One. Shape Creation Knowledge In Civil And Naval Architecture / Horst Nowacki -- Chapter Two. On The Use Of Design In Ancient Mediterranean Ship Construction / Patrice Pomey -- Chapter Three. Were The Hittites Able To Build A Replica Of An Egyptian Ship According To Their Own Drawings? / Lucien Basch -- Chapter Four. Markings And Pegs: Clues To Geometrical Procedures Of Roman Naval Architecture? / Ronald Bockius -- Chapter Five. Ancient Greek And Roman Architects' Approach To Curvature — The Corinthian Capital, Entasis And Amphitheatres / Mark Wilson Jones -- Chapter Six. "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 -- Chapter Seven. Boat And Boat House. The Conceptual Origins Of |

Clinker Boats And Boat-Shaped Halls Of The Fourth To Eleventh Centuries In Scandinavia / Ole Crumlin-Pedersen -- Chapter Eight. Gothic And Renaissance Design Strategies In Stonecutting / Enrique Rabasa Díaz and José Calvo López -- Chapter Nine. On Late-Gothic Vault Geometry / Jos Tomlow -- Chapter Ten. The Shipbuilding Text Of Michael Of Rhodes / David Mcgee -- Chapter Eleven. Naval Architecture Digitalized Introducing Arithmetic And Geometry Into Late Mediaeval Shipwrightry / Ulrich Alertz -- Chapter Twelve. Pregnant Columns. From Word To Shape / Antonio Becchi -- Chapter Thirteen. From One Curve To Another Or The Problem Of Changing Coordinates In Stereotomic Layouts / Joël Sakarovitch -- Chapter Fourteen. The Squinch Of Anet / Martina Lenz -- Conclusions / H. Nowacki and W. Lefèvre -- Appendices / H. Nowacki and W. Lefèvre -- Appendix A. From Words To Technical Practices: Moulds And Naval Architecture In The Middle Ages / Eric Rieth -- Appendix B. The Rare Traces Of Constructional Procedures In "Practical Geometries" / Jens Høyrup -- Appendix C. Draughting Curves Used In Ship Design / Jobst Lessenich -- Appendix D. Bibliographical Notes On Historical Metrology / Compiled and Jobst Lessenich -- Index / H. Nowacki and W. Lefèvre.

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.

| | |
|-------------------------|--|
| 2. Record Nr. | UNINA9910132350103321 |
| Titolo | Advanced materials for agriculture, food, and environmental safety // edited by Ashutosh Tiwari and Mikael Syvajarvi |
| Pubbl/distr/stampa | Salem, Massachusetts : , : Wiley : , : Scrivener Publishing, , 2014 ©2014 |
| ISBN | 1-118-77390-X 1-118-77385-3 1-118-77388-8 |
| Descrizione fisica | 1 online resource (524 p.) |
| Collana | Advanced Materials Series |
| Disciplina | 615.954 |
| Soggetti | Food contamination Biomedical materials Microbial ecology |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Description based upon print version of record. |
| Nota di bibliografia | Includes bibliographical references at the end of each chapters and index. |
| Nota di contenuto | Layered double hydroxides and the environment : an overview / Amita Jaiswal, Ravindra Kumar Gautam, and Mahesh Chandra Chattopadhyaya -- Improvement of the corrosion resistance of aluminium alloys applying different types of silanes / Anca-Iulia Stoica, Norica Carmen Godja, Andje Stankovi, Matthias Pilzler, Erich Kny, and Christoph Kleber -- New generation material for the removal of arsenic from water / Dinesh Kumar and Vaishali Tomar -- Prediction and optimization of heavy clay products quality / Milica Arsenovi, Lato Pezo, Lidija Mani, and Zagorka Radojevi -- Enhancement of physical and mechanical properties of sugar palm fiber via vacuum resin impregnation / M.R. Ishak, Z. Leman, S.M. Sapuan, M.Z.A. Rahman, and U.M.K. Anwar -- Environmentally-friendly acrylates-based polymer latices / Sweta Shukla and J.S.P. Rai -- Nanoparticles for trace analysis of toxins : present and future scenario / Anupreet Kaur and Shivender Singh Saini -- Recent developments in gold nanomaterial catalysts for oxidation reaction through green and sustainable routes / Biswajit Chowdhury, Chiranjit Santra, Sandip Mandal, and Rawesh Kumar -- Nanosized |

metal oxide-based adsorbents for heavy metal removal : a review / Deepak Pathania and Pardeep Singh -- Future prospects of phytosynthesized transition metal nanoparticles as novel functional agents for textiles / Shahid-ul-Islam, Mohammad Shahid, and Fageer Mohammad -- Functionalized magnetic nanoparticles for heavy metal removal from aqueous solutions : kinetics and equilibrium modeling / Ravindra Kumar Gautam, Amita Jaiswal, and Mahesh Chandra Chattopadhyaya -- Potential application of nanoparticles as antipathogens / Pratima Chauhan, Mini Mishraand, Deepika Gupta -- Gas barrier properties of biopolymer-based nanocomposites : application in food packaging / Sarat Kumar Swain -- Application of zero-valent iron nanoparticles for environmental clean up / Ritu Singh and Virendra Misra -- Typical synthesis and environmental application of novel TiO₂ nanoparticles / Tanmay Kumar Ghorai -- Zinc oxide nanowire films : solution growth, defect states, and electrical conductivity / Ajay Kushwaha and M. Aslam.

Sommario/riassunto

The levels of toxic and microbial contamination in the food and environment are influenced by harvesting or slaughtering technologies and by the processes applied during food manufacture. With current cultivation methods, it is impossible to guarantee the absence of pesticides and pathogenic microorganisms in raw foods, both of plant and animal origin. Widespread and increasing incidence of foodborne diseases and the resulting social and economic impact on the world population have brought food and environmental safety to the forefront of ecological safety and public health concerns. The emer
