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Titolo	Biology of the sauropod dinosaurs : understanding the life of giants // edited by Nicole Klein [and three others]
Pubbl/distr/stampa	Bloomington : , : Indiana University Press, , 2011
ISBN	0-253-01355-0
Descrizione fisica	1 online resource (368 p.)
Collana	Life of the past
Altri autori (Persone)	KleinNicole <1974->
Disciplina	567.913
Soggetti	Dinosaurs Saurischia
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	Sauropod biology and the evolution of gigantism: what do we know? / Marcus Clauss -- Sauropod feeding and digestive physiology / Jurgen Hummel and Marcus Clauss -- Dietary options for the sauropod dinosaurs from an integrated botanical and paleobotanical perspective / Carole T. Gee -- The diet of sauropod dinosaurs: implications of carbon isotope analysis on teeth, bones, and plants / Thomas Tutken -- Structure and function of the sauropod respiratory system / Steven F. Perry, Thomas Breuer, and Nadine Pajor -- Reconstructing body volume and surface area of dinosaurs using laser scanning and photogrammetry / Stefan Stoinski, Tim Suthau, and Hanns-Christian Gunga -- Body mass estimation, thermoregulation, and cardiovascular physiology of large sauropods / Bergita Ganse ... [et al.] -- How to get big in the Mesozoic: the evolution of the sauropodomorph body plan / Oliver W.M. Rauhut ... [et al.] -- Characterization of sauropod bone structure / Maitena Dumont ... [et al.] -- Finite element analyses and virtual syntheses of biological structures and their application to sauropod skulls / Ulrich Witzel ... [et al.] -- Walking with the shoulder of giants: biomechanical conditions in the tetrapod shoulder girdle as a basis for sauropod shoulder reconstruction / Bianca Hohn -- Why so huge?: biomechanical reasons for the acquisition of large size in sauropod and theropod dinosaurs / Holger Preuschoft ... [et al.] -- Plateosaurus in 3D: how CAD models and kinetic-dynamic modeling bring an extinct animal to life / Heinrich Mallison -- Rearing giants:

kinetic-dynamic modeling of sauropod bipedal and tripodal poses / Heinrich Mallison -- Neck posture in sauropods / Andreas Christian and Gordon Dzemski -- The life cycle of sauropod dinosaurs / Eva Maria Griebeler and Jan Werner -- Sauropod bone histology and its implications for sauropod biology / P. Martin Sander ... [et al.] -- Skeletal reconstruction of Brachiosaurus brancai in the Museum für Naturkunde, Berlin: summarizing 70 years of sauropod research / Kristian Remes ... [et al.].

## Sommario/riassunto

Sauropods, those huge plant-eating dinosaurs, possessed bodies that seem to defy every natural law. What were these creatures like as living animals and how could they reach such uniquely gigantic sizes? A dedicated group of researchers in Germany in disciplines ranging from engineering and materials science to animal nutrition and paleontology went in search of the answers to these questions. Biology of the Sauropod Dinosaurs reports on the latest results from this seemingly disparate group of research fields and integrates them into a coherent theory regarding sauropod gigantism. Covering

## 2. Record Nr.

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## Autore

Coates Paul (Paul S.)

## Titolo

Programming.architecture / / Paul Coates

## Pubbl/distr/stampa

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## ISBN

1-136-89904-9  
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## Edizione

[1st ed.]

## Descrizione fisica

1 online resource (196 p.)

## Disciplina

720.285

## Soggetti

Architectural design - Data processing  
Architectural design - Mathematics  
Architecture - Philosophy  
Computer-aided design  
Algorithms

## 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	Falling between two stools -- Rethinking representation -- In the beginning was the word -- The mystery of the machine that invents itself -- Evolving the text--being even lazier -- The text of the vernacular -- Epilogue or rethinking representation (again).
Sommario/riassunto	Programming.Architecture is a simple and concise introduction to the history of computing and computational design, explaining the basics of algorithmic thinking and the use of the computer as a tool for design and architecture. Paul Coates, a pioneer of CAAD, demonstrates algorithmic thinking through projects and student work collated through his years of teaching students of computing and design. The book takes a detailed and practical look at what the techniques and philosophy of coding entail, and gives the reader many ""glimpses under the hood"" in the form of code snip