

1. Record Nr.	UNINA9910462076003321
Autore	Dabby Ramsey
Titolo	Structure for architects [[electronic resource]] : a primer / / Ramsey Dabby, Ashwani Bedi
Pubbl/distr/stampa	Hoboken, N.J., : John Wiley & Sons, Inc., c2012
ISBN	0-470-90249-3 1-280-59212-5 9786613621955 0-470-90244-2 0-470-95113-3
Descrizione fisica	1 online resource (274 p.)
Altri autori (Persone)	BediAshwani
Disciplina	624.1/7 721
Soggetti	Architecture Structural engineering Thought and thinking Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Structure for Architects : A PRIMER; Contents; PREFACE; CHAPTER 1 Architects, Engineers, and Design 1; CHAPTER 2 Stability and Strength; CHAPTER 3 Loads; 3.1 Gravity Loads; 3.2 Lateral Loads; 3.3 Dynamic Loads; 3.4 Impact Loads; 3.5 Load Paths; CHAPTER 4 States of Stress; 4.1 Tension; 4.2 Compression; 4.3 Shear; 4.4 Torsion; 4.5 Bending; CHAPTER 5 Forces, Movement, Levers, and Moment; 5.1 Applied and Reactive Forces; 5.2 Translational Movement; 5.3 Rotational Movement; 5.4 Levers; 5.5 Moment; CHAPTER 6 Stability and Equilibrium; 6.1 Introduction; 6.2 Translational Equilibrium 6.3 Rotational Equilibrium 6.4 Sign Conventions; 6.5 The Equilibrium Equations; 6.6 Free-Body Diagrams and Familiar Examples of Equilibrium; 6.7 Introduction to Bending in Beams; CHAPTER 7 Working with Forces; 7.1 Forces, Vectors, and Lines of Action; 7.2 Combining and Resolving Concurrent Forces; 7.3 Familiar Examples of Concurrent Forces; CHAPTER 8 Supports, Reactions, and Restraint of Movement;

8.1 Roller and Frictionless-Surface Supports; 8.2 Pinned Supports; 8.3 Fixed Supports; 8.4 Hanger Supports; 8.5 Familiar Examples of Support Conditions; 8.6 Stable or Unstable?
CHAPTER 9 Load Distribution 9.1 Point Loads; 9.2 Distributed Loads; 9.3 Equivalent Point Loads; 9.4 Uniformly Distributed Loads; 9.5 Non-Uniformly Distributed Loads; CHAPTER 10 Introduction to Beams; 10.1 Beam Types; 10.2 Predicting Deformation, Deflection, and Beam Behavior; 10.3 Statically Determinate and Statically Indeterminate Beams; 10.4 Other Considerations for Beams; CHAPTER 11 Framing Systems and Load Tributary Areas; 11.1 One-Way Systems; 11.2 Two-Way Slab and Beam Systems; 11.3 Two-Way Slab/Two-Way Joist Systems; CHAPTER 12 Shear and Moment Diagrams for Beams; 12.1 Sign Conventions
12.2 Typical Shear and Moment Diagrams 12.3 Creating Shear and Moment Diagrams; 12.4 Comparing V and M for Uniformly Distributed Versus Concentrated Loading; 12.5 Summary of Deformation, Shear, and Moment Relationships; CHAPTER 13 Stress, Strain, and Properties of Materials; 13.1 Stress; 13.2 Strain; 13.3 Stress versus Strain; 13.4 Properties of Materials; 13.5 Stress Distribution Diagrams; CHAPTER 14 Introduction to Columns; 14.1 Columns, Compression, and Bending; 14.2 Column Loading; 14.3 Column Compression; 14.4 Column Bending; 14.5 Leonhard Euler and Column Buckling
CHAPTER 15 Frames, Rigidity, and Lateral Resistance Systems 15.1 Triangular Frames; 15.2 Rectangular Frames; 15.3 Making Rectangular Frames Rigid; 15.4 Lateral Resistance Systems; CHAPTER 16 Introduction to Trusses; 16.1 Introduction; 16.2 Trusses as Beams; 16.3 Types of Trusses; 16.4 Design Considerations; 16.5 Truss Joints; 16.6 Truss Loading; 16.7 Truss Analysis; CHAPTER 17 Structural Walls; 17.1 Loads and Deformational Stresses; 17.2 Stresses and Wall Construction; 17.3 Retaining Walls; CHAPTER 18 Soils and Rock; 18.1 The Earth's Interior; 18.2 The Earth's Crust; 18.3 Natural Soils
18.4 Groundwater

Sommario/riassunto

An introduction to the concepts and principles of architectural structures in an easy-to-read format. Written as an easy-to-understand primer on the topic, *Structure for Architects* engages readers through instruction that uses a highly visual format and real-world examples to underline the key facets of structural principles that are essential to the design process. Eschewing complicated mathematics and technical jargon, *Structure for Architects* demystifies the subject matter by showing it in the context of everyday situations, giving architects and architectural technologists

2. Record Nr.	UNISA996575161603316
Titolo	2022 IEEE International Conference on E-health Networking, Application & Services (HealthCom) : took place 17-19 October 2022 in Genoa, Italy // Institute of Electrical and Electronics Engineers
Pubbl/distr/stampa	Piscataway, NJ : , : IEEE, , [2022] ©2022
ISBN	9781665480161 1665480165
Descrizione fisica	1 online resource (246 pages)
Disciplina	610.2854019
Soggetti	Medical care - Data processing Medical informatics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	eHealth against COVID-19 : Applications, solutions and technologies -- mHealth solutions -- Sensors & IoT devices for patient monitoring -- eHealth miscellaneous -- AI, ML and Signal Processing for eHealth Applications -- eHealth miscellaneous.

3. Record Nr.	UNIORUON00213105
Autore	GEMELLI, Giuliana
Titolo	Le élites delle competenze : scienziati sociali, istituzioni e cultura della democrazia industriale in Francia (1880-1945) / Giuliana Gemelli
Pubbl/distr/stampa	Bologna, : Il Mulino, 1998. 410 p. ; 22 cm.
ISBN	88-15-05996-2
Soggetti	Francia - Storia sociale - Sec. 19.-20
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia