1. Record Nr. UNIPARTHENOPE000001720

Autore	Finzi, Bruno
Titolo	Meccanica razionale / Bruno Finzi
Pubbl/distr/stampa	Bologna : Zanichelli, 1959
Edizione	[3. ed.]
Descrizione fisica	2 v. : ill. ; 25 cm
Disciplina	531.1
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910324031403321

Autore	Braillon Charlotte
Titolo	Droit et Justice en Afrique coloniale : Traditions, productions et réformes / / Bérangère Piret, Charlotte Braillon, Laurence Montel, Pierre-Luc Plasman
Pubbl/distr/stampa	Bruxelles, : Presses de l’Université Saint-Louis, 2018
ISBN	2-8028-0436-7
Descrizione fisica	1 online resource (214 p.)
Altri autori (Persone)	Brunet-La RucheBénédicte LauroAmandine ManièreLaurent MontelLaurence PiretBérengère PlasmanPierre-Luc RenucciFlorence RousseauxXavier TousignantNathalie PiretBérangère BraillonCharlotte
Soggetti	History Law histoire du droit justice justice sociale

	gouvernement innovation colonisation Afrique
Lingua di pubblicazione	Francese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Longtemps restés confidentiels, les domaines de l'histoire du droit et de la justice coloniale connaissent aujourd'hui une activité importante. Celle-ci est portée par l'effet conjoint de l'attention nouvelle qu'y portent les historiens du droit, du renouvellement des études africaines et coloniales francophones et de la visibilité récente que leur a apporté le cinquantenaire des indépendances africaines. Les historiens africanistes et les historiens du droit s'interrogent de concert sur les modes de production et de transformation du droit colonial et de la justice coloniale. Ces réalités les renvoient à la plasticité du droit, de l'administration comme des pratiques judiciaires dans le cadre de la rencontre coloniale où des intérêts gouvernementaux font face à des contraintes culturelles et territoriales locales inédites (coutumes, populations locales en résistance, difficile maîtrise du territoire, etc.). Les huit contributions de cet ouvrage interrogent les modes de production et d'évolution du droit et de la justice. Dans quelle mesure crée-t-on du neuf ? Recycle-t-on, adapte-t-on l'ancien, les héritages de métropole ? Par ailleurs, on peut observer le processus de création à l'œuvre, et s'interroger sur les contextes propices aux transformations juridiques et judiciaires, ainsi que sur les modes de création en eux-mêmes ; dans quelle mesure le fait colonial est-il un facteur d'innovation juridique, administrative et judiciaire ? Ces questions seront abordées dans une perspective attentive à la multiplicité des expériences et des modes de colonisation.

3.

Record Nr.	UNINA9910799280603321
Autore	Bahrami Alireza
Titolo	Sustainable Structures and Buildings / / edited by Alireza Bahrami
Pubbl/distr/stampa	2024 Cham : , : Springer International Publishing : , : Imprint : Springer, , 2024
ISBN	3-031-46688-8
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (126 pages)
Classificazione	ARC018000SCI026000TEC005050TEC021000
Disciplina	720.47 696
Soggetti	Sustainable architecture Buildings - Design and construction Building materials Sustainability Sustainable Architecture/Green Buildings Building Construction and Design Structural Materials
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Intro -- Preface -- Acknowledgements -- Contents -- Chapter 1: Sustainable Development of Recent High-Rise Timber Buildings -- 1.1 Introduction -- 1.2 Recent High-Rise Timber Buildings -- 1.3 GHGs -- 1.4 Assessment Criteria -- 1.5 Construction Cost -- 1.6 Fire Safety -- 1.7 Building Height -- 1.8 Conclusions -- References -- Chapter 2: Ultralight Membrane Structures Toward a Sustainable Environment -- 2.1 Introduction -- 2.2 Engineering Design of Ultralightweight Membrane Structures -- 2.2.1 Structural and Material Efficiency Through Tensile State -- 2.2.2 Boundary-Tensioned Membrane Structures -- 2.2.3 Pneumatic Membrane Structures -- 2.2.4 Structural Design Optimization Challenges and Opportunities -- 2.3 Membrane Materials -- 2.3.1 Fabrics and Foils -- 2.3.2 Thermomechanical Response of Structural Membranes -- 2.3.3 Constitutive Modeling Challenges and Opportunities -- 2.4 Sustainability of Membrane Structures -- 2.4.1 Embodied Energy and Material Consumption --

2.4.2 Recyclability -- 2.4.3 Thermal Properties Challenges and Opportunities -- 2.5 Conclusions -- References -- Chapter 3: Development of Sustainable Concrete Using Treated Bamboo Reinforcement -- 3.1 Introduction -- 3.2 Possibility and Potential for Bamboo -- 3.3 Methodology -- 3.4 Results of Tested Bamboo-Reinforced Concrete Beams -- 3.4.1 Results of Pullout Tests -- 3.4.2 Load-Deflection Behavior of Bamboo-Reinforced Concrete Beams -- 3.4.3 Ductility, Stiffness, and Energy Absorption of Bamboo-Reinforced Concrete Beams -- 3.5 Conclusions -- References -- Chapter 4: Implementation of Circular Economy Between Mining and Construction Sectors: A Promising Route to Achieve Sustainable Development Goals -- 4.1 Introduction -- 4.2 Mine Waste Management and Environmental Issues -- 4.2.1 Mining Industry and Waste Generation -- 4.2.2 Environmental Risks Related to Mine Waste.
4.3 Valorization of Mine Waste for Construction Applications -- 4.3.1 Recycling of Mining Solid Waste for Construction Materials -- 4.3.2 CE Concept Implementation in Mining Sector -- 4.3.3 Technical Advances and Future Perspectives -- 4.4 Conclusions -- References -- Chapter 5: Sustainable Geopolymer Bricks Manufacturing Using Rice Husk Ash: An Alternative to Fired Clay Bricks -- 5.1 Introduction -- 5.2 Methodology -- 5.3 Results and Discussion -- 5.3.1 Bulk Density and Strength Behavior of Geopolymer Bricks -- 5.3.2 Water Absorption Capacity of Geopolymer Bricks -- 5.3.3 Micro-Structural Behavior of Geopolymer Bricks -- 5.3.4 Sustainability Aspects of Geopolymer Bricks -- 5.4 Conclusions -- References -- Chapter 6: Façade Fires in High-Rise Buildings: Challenges and Artificial Intelligence Solutions -- 6.1 Introduction -- 6.2 Fire Growth: From Internal (Enclosure) Fires to External Spread -- 6.3 Façade Systems and Types -- 6.4 Design Fire Scenarios for Façades - Internal and External Fires -- 6.4.1 Internal Fires -- 6.4.2 External Fires -- 6.5 Vertical Fire Propagation Mechanism over Façades -- 6.6 Dynamics of Cavity Fires -- 6.7 Façade Materials - Fire Safety and Toxicity -- 6.8 Artificial Intelligence/Deep Learning Framework for Early Warning and Fire Risk Assessment -- 6.9 Concluding Remarks -- References -- Chapter 7: Experimental Study on Self-Healing of Micro-Cracks in Concrete with Combination of Environmentally Friendly Bacteria -- 7.1 Introduction -- 7.2 Materials -- 7.2.1 Cement, Aggregates, and Water -- 7.2.2 Selection of Bacteria -- 7.2.3 Preparation of Bacterial Solution -- 7.2.4 Preparation of Bacterial Concrete -- 7.2.4.1 Mix Design -- 7.2.4.2 Mixing -- 7.2.4.3 Casting -- 7.3 Experimental Investigation -- 7.4 Results and Discussion -- 7.4.1 Slump Value -- 7.4.2 Compressive Strength -- 7.4.3 Splitting Tensile Strength.
7.4.4 Flexural Strength -- 7.4.5 Self-Healing Characteristics of Combined Bacterial Concrete -- 7.5 Conclusions -- References -- Chapter 8: Urban Drainage Infrastructures Toward a Sustainable Future -- 8.1 Introduction -- 8.2 Climate Change, Population Growth, and Urbanization -- 8.3 SDGs and UDIs -- 8.4 Climate Change and Urbanization Impacts on UDIs -- 8.5 Performance Improvement of UDIs -- 8.6 Conclusions -- References -- Index.

Sommario/riassunto

This open access book includes detail on various structures, buildings, and building materials from different structural and sustainability perspectives. It describes how the building and construction industry is vital for the achievement of the sustainable development goals. The aim of this collection is to foster the design and construction of sustainable structures, buildings, and building materials to reduce their environmental impact and connect with the environment. Presenting the knowledge, trends, and developments from a group of contributors in the field working with different kinds of structures, structural

components, buildings, and building materials, the book is ideal for practitioners working in commercial settings, as well as engineering students and researchers concerned with sustainability issues. Explains sustainability in the context of structures, buildings, and building materials Demonstrates performance of structures, buildings, and building materials Illustrates trends towards Sustainable Development Goals This book is open access, which means that you have free and unlimited access.