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	Autore	Warusfel, André
	Titolo	Dictionnaire raisonne' de mathematiques / Andre' Warusfel ; preface d' Andre' Lichnerowicz
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2.	Record Nr.	UNINA9911039314703321
	Autore	Joseph Anil
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Nota di contenuto	Exploring The Parameters for Land use Efficiency Measurement -- The Circular Challenge -- Numerical Modelling of Seawater Intrusion in Coastal Areas of Kochi -- Sediment transport modelling using HEC HMS for Kadambrayar watershed -- Construction Waste -- An Overview of Material Waste Management in Construction Projects -- Universal Representation Theory -- Advanced Recursive Ensemble Linear Regression Based Prediction -- Optimization of multiple factors of PCM integration in building roofs using Response Surface Methodology -- Blending HMA Bitumen with Non Bio Degradable waste to produce Sustainable and Ecofriendly Roads -- Assessment of Reclaimed Asphalt Pavement -- The role of prospect and refuge theory in establishing ideal built environment in restaurants -- Comprehensive Water Audit and Sustainable Water Reuse Strategies for Campus Facilities -- Universal Forecasting Schemes -- Studies on spurs along river Vellar in Tamilnadu.
Sommario/riassunto	This national convention on engineering topics will explore the dynamic shifts and emerging trends that are reshaping civil engineering, emphasizing their vital role in developing safer, more efficient, and sustainable infrastructure. Our focus will span several transformative innovations, beginning with the integration of 3D printing and robotics in construction. These technologies are revolutionizing the field by enhancing productivity, slashing labor costs, and improving safety through automated processes and the ability to produce complex structures. The convention will also highlight the increasing importance of resilience in our infrastructure, a response to the more frequent natural disasters driven by climate change. Today's civil engineers integrate considerations of these changes in their designs to construct buildings and structures that withstand and adapt to these evolving conditions. Sustainability remains a crucial theme, driven by the urgent need for environmental conservation and the realities of climate change. Our discussions will delve into green engineering practices, such as the use of eco-friendly materials, waste minimization, and the design of energy-efficient buildings. Innovations like Geopolymer technology offer rapid strength gain and reduced water use, presenting a sustainable alternative to traditional concrete. Similarly, Bacterial Concrete represents a breakthrough in enhancing the durability and reducing the maintenance costs of concrete structures while lowering carbon emissions. The convention will also examine the role of advanced technologies like Cartography, remote sensing, and GIS applications, which are transforming our understanding and representation of the world, pushing the boundaries of traditional cartography into new digital frontiers. Additionally, modular construction will be discussed as a key contributor to efficiency, waste reduction, and quality in building processes, especially in its potential to address the critical needs for affordable housing and sustainable urban development. Furthermore, the financial benefits of retrofitting, which

reduces energy consumption and offers significant cost savings, will be explored, showcasing its attractiveness and positive return on investment over time. This convention is not just an event, but a call to action for civil engineering professionals to embrace these innovations, stay informed of cutting-edge developments, and play a pivotal role in crafting a safer, more efficient, and sustainable built environment. Join us as we leverage these trends to propel the industry forward, ensuring our built environment can meet the demands of tomorrow.
