

1. Record Nr.	UNINA9910598041003321
Autore	Wey Wann-Ming
Titolo	Sustainable Built Environment and Urban Growth Management // Wann-Ming Wey
Pubbl/distr/stampa	Basel : , : MDPI - Multidisciplinary Digital Publishing Institute, , 2020
Descrizione fisica	1 online resource (242 pages)
Disciplina	333.77
Soggetti	Land use, Urban
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	<p>About the Special Issue Editor -- Wann-Ming Wey A Commentary on Sustainably Built Environments and Urban Growth Management Reprinted from: Sustainability 2018, 10, 3898, doi:10.3390/su10113898 -- Seongwoo Jeon, Hyunjung Hong and Sungdae Kang Simulation of Urban Growth and Urban Living Environment with Release of the Green Belt Reprinted from: Sustainability 2018, 10, 3260, doi: 10.3390/su10093260 -- Yu-Hui Chen, Chun-Lin Lee, Guan-Rui Chen, Chiung-Hsin Wang and Ya-Hui Chen Factors Causing Farmland Price-Value Distortion and Their Implications for Peri-Urban Growth Management Reprinted from: Sustainability 2018, 10, 2701, doi: 10.3390/su10082701 -- Xiaer Xiahou, Yuchun Tang, Jingfeng Yuan, Tengyuan Chang, Ping Liu and Qiming Li Evaluating Social Performance of Construction Projects: An Empirical Study Reprinted from: Sustainability 2018, 10, 2329, doi:10.3390/su10072329 -- Mattias H "ojer and Kristina Mj "ornell Measures and Steps for More Efficient Use of Buildings Reprinted from: Sustainability 2018, 10, 1949, doi:10.3390/su10061949 -- Judith Chen-Hsuan Cheng, Ai-Hsuan Chiang, Yulan Yuan and Ming-Yuan Huang Exploring Antecedents of Green Tourism Behaviors: A Case Study in Suburban Areas of Taipei, Taiwan Reprinted from: Sustainability 2018, 10, 1928, doi:10.3390/su10061928 -- Armando Avalos Jim "enez, Fernando Flores Vilchez, Oyolsi N "ajera Gonz "alez and Susana M. L. Marcele "no Flores Analysis of the Land Use and Cover Changes in the Metropolitan Area of Tepic-Xalisco (1973-2015) through Landsat Images Reprinted from: Sustainability</p>

2018, 10, 1860, doi:10.3390/su10061860 -- Kai Fischer, Stefan Hiermaier, Werner Riedel and Ivo Haring Morphology Dependent Assessment of Resilience for Urban Areas Reprinted from: Sustainability 2018, 10, 1800, doi:10.3390/su10061800 -- Byungsuk Kim and Jina Park Effects of Commercial Activities by Type on Social Bonding and Place Attachment in Neighborhoods Reprinted from: Sustainability 2018, 10, 1771, doi:10.3390/su10061771 -- Seungjun Roh, Sungho Tae and Rakhyun Kim Analysis of Embodied Environmental Impacts of Korean Apartment Buildings Considering Major Building Materials Reprinted from: Sustainability 2018, 10, 1693, doi:10.3390/su10061693 -- Mikael Mangold, Magnus Osterbring, Conny Overland, Tim Johansson and Holger Wallbaum Building Ownership, Renovation Investments, and Energy Performance-A Study of Multi-Family Dwellings in Gothenburg Reprinted from: Sustainability 2018, 10, 1684, doi:10.3390/su10051684 -- Min Song, Lynn Huntsinger and Manman Han How does the Ecological Well-Being of Urban and Rural Residents Change with Rural-Urban Land Conversion? The Case of Hubei, China Reprinted from: Sustainability 2018, 10, 527, doi:10.3390/su10020527 -- Chou-Tsang Chang and Tzu-Ping Lin Estimation of Carbon Dioxide Emissions Generated by Building and Traffic in Taichung City Reprinted from: Sustainability 2018, 10, 112, doi: 10.3390/su10010112 -- Liming Zhang, Wei Yang, Yuan Yuan and Rui Zhou An Integrated Carbon Policy-Based Interactive Strategy for Carbon Reduction and Economic Development in a Construction Material Supply Chain Reprinted from: Sustainability 2017, 9, 2107, doi:10.3390/su9112107 -- Magdalena Celadyn Environmental Activation of Inner Space Components in Sustainable Interior Design Reprinted from: Sustainability 2018, 10, 1945, doi:10.3390/su10061945.

Sommario/riassunto

Nowadays, the sustainable built environment planning in most cities has come to a turning point as the growth in traffic and population has become a serious concern and put tremendous pressure on both the environment and people in these cities. It is therefore important to find new ways or lifestyles--such as compact city, transit-oriented development (TOD) formulations--that are more flexible, inclusive, and sustainable. Furthermore, for the sustainable built environment and urban growth management, not only should the growth management principles--which include smart growth, sustainable growth, and inclusive growth--be taken into account but innovative/smart planning strategies--such as mixed use design, green transport, and new urbanism--are also utilized in planning sustainable built environments in order to prevent the urban sprawl development that has occurred.

2. Record Nr.	UNINA9911007019703321
Autore	Arrillaga J
Titolo	AC-DC power system analysis // Jos Arrillaga and Bruce Smith
Pubbl/distr/stampa	London : , : Institution of Electrical Engineers, , 1998
ISBN	1-62870-461-6 1-84919-439-4
Descrizione fisica	1 online resource (410 p.)
Collana	Power and Energy IEE power and energy series ; ; 27
Altri autori (Persone)	SmithBruce
Disciplina	621.31
Soggetti	Electric power systems - Mathematical models Electric power production
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	<p> ""Cover""; ""Half-title""; ""Title""; ""Copyright""; ""Contents""; ""Preface ""; ""1 Introduction""; ""1.1 Basic AC-DC configuration ""; ""1.2 AC-DC simulation philosophy""; ""1.3 Steady-state simulation""; ""1.4 Fault analysis ""; ""1.5 Harmonic analysis""; ""1.6 System stability ""; ""2 The AC-DC converter in steady state "" ""2.1 Introduction""; ""2.2 Power frequencya€symmetrical operation""; ""2.2.1 Analysis of the commutation circuit""; ""2.2.2 Rectifier operation""; ""2.2.3 Inverter operation ""; ""2.2.4 Power factor and reactive power ""; ""2.3 Power frequencya€unbalanced operation "" ""2.3.1 Terminology and waveforms""; ""2.3.2 Variables and equations""; ""2.4 Characteristic harmonics""; ""2.5 The converter as a frequency modulator""; ""2.5.1 The modulation process""; ""2.6 Harmonic transfer generalisation ""; ""2.6.1 From the AC to the DC sides"" ""2.6.2 From the DC to the AC sides""; ""2.6.3 </p>

Effect of switching-instant variation
 2.6.4 Transfer across the DC link
 Harmonic instabilities
 harmonic domain converter model
 2.8.1 Analysis of the commutation
 connected bridge
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 2.8.2 Valve-firing
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 2.8.4 Phase
 Converter side
 System side

Sommario/riassunto

A graduate-level textbook that can also serve as a reference for engineers and researchers working on problems in modern power systems. Emphasizes incorporating HVDC converters and systems into the analysis of power systems, but describes algorithms that can be extended to other industrial components such as drives and smelters and to the flexible AC transmission systems technology. Considers only system studies, influenced by steady-state or transient converter control; and not fast transients such as lightning. Annotation copyrighted by Book News, Inc., Portland, OR