

Free read Beyond environmental comfort [PDF]

beyond environmental comfort highlights some of the key ideas that form the foundation of the field of environmental comfort and at the same time gives voice to some of the concerns and considerations on the limitations of the field as it stands today bringing together a range of foremost thinkers in their respective fields michel cabanac derek clements croome nick baker harold marshall juhani pallasmaa dean hawkes and constance classen this book argues for a deeper appreciation of how environmental comfort may be understood in terms of our relationship with the environment rather than as independent qualities for the first time these diverse views are brought together by editor boon lay ong to present insights into a world beyond what is normally covered in academic research in the process an attempt is made to define the field for the future this book shows that it is by understanding just how environmental design needs to go beyond mere comfort and deal with well being that we can 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deal with well being that we can meaningfully design our future an exploration of how ergonomics can contribute to the solution of important societal and engineering challenges advances in social and organizational factors discusses the optimization of sociotechnical systems including their organizational structures policies and processes it includes coverage of communication crew resource management work design design of working times teamwork participatory design community ergonomics cooperative work new work paradigms organizational culture virtual organizations telework and quality management the book provides research on urban infrastructures and how to shape urban spaces including stadiums and museums it covers warning systems in cars voice based interfaces and the positive effects on manufacturing processes available from health informatics and management systems several chapters examine the role human factors can play in counter terrorism efforts and in interpreting deceptive behaviors they provide suggestions on how to improve enterprise resource planning systems and stress the importance of lifelong learning personalized learning and work life balance the book also highlights issues with special populations detailing how to design and adapt products and work situations for these groups in addition to exploring the challenges faced in optimizing sociotechnical systems the book underlines themes that play a role in all the challenges and how they are linked to each other it concludes with an exploration of emotional ergonomics and the important positive effects of making people happy and healthy with authors from around the globe the book supplies a broad look at current challenges and possible solutions the notion of data is increasingly encountered in spatial creative and cultural studies big data and artificial intelligence are significantly influencing a number of disciplines processes methods and vocabularies from sciences architecture arts are borrowed discussed and tweaked and new cross disciplinary fields emerge more and more artists and designers are drawing on hard data to interpret the world and to create meaningful sensuous environments architects are using neurophysiological data to improve their understanding of people s experiences in built spaces different disciplines collaborate with scientists to visualise data in different and creative ways revealing new connections interpretations and readings this often demonstrates a genuine desire to comprehend human behaviour and experience and to possibly inform design processes accordingly at the same time this opens up questions as to why this desire and curiosity is emerging now how it relates to recent technological advances and how it converses with the cultural philosophical and methodological context of the disciplines with which it engages questions are also raised as to how the use of data and data informed methods may serve support promote and or challenge political agendas data architecture and the experience of place provides an overview of new approaches on this significant subject and is ideal for students and researchers in digital architecture architectural theory design digital media sensory studies and related fields in media hot and cold nicole starosielski examines the cultural dimensions of temperature to theorize the ways heat and cold can be used as a means

of communication subjugation and control diving into the history of thermal media from infrared cameras to thermostats to torture sweatboxes starosielski explores the many meanings and messages of temperature during the twentieth century heat and cold were broadcast through mass thermal media today digital thermal media such as bodily air conditioners offer personalized forms of thermal communication and comfort although these new media promise to help mitigate the uneven effects of climate change starosielski shows how they can operate as a form of biopower by determining who has the ability to control their own thermal environment in this way thermal media can enact thermal violence in ways that reinforce racialized colonial gendered and sexualized hierarchies by outlining how the control of temperature reveals power relations starosielski offers a framework to better understand the dramatic transformations of hot and cold media in the twenty first century this book describes how comfort energy and climate change in developing countries and vulnerable sectors of the population relate to buildings the building sector is currently facing significant challenges connected to energy consumption energy poverty and climate change effects when studied in developing countries and vulnerable sectors of the population these factors which are commonplace in the tropics and the southern hemisphere are interlinked and share a critical component environmental comfort although progress has been made in environmental comfort through research and the development of standards and policies at the international level in the global south where the countries with the highest levels of income inequality are concentrated environmental comfort has its own characteristics and challenges that prevent a clear understanding from the established vision of the global north this book presents research theories and techniques related to thermal comfort indoor air quality visual comfort and acoustic comfort and its relationship with energy use and energy efficiency seeking to address different barriers to environmental comfort it shows how to improve the way buildings are designed and operated to promote healthier environmental conditions and more sustainable construction by presenting studies and reflections carried out in the target geographical area the global south in this way this book contributes to developing the concept of environmental comfort visualising how progress has been made in understanding it from a tropical and southern perspective and posing common challenges the book is intended for engineers architects and researchers of the built environment who are interested in environmental comfort and its influence on energy consumption energy poverty and other related factors in the global south context it is also a useful resource for decision makers and public policy developers concerned with the indoor comfort of buildings moreover the book aims to provide guidance for those in developing countries by gathering existing knowledge in the field for the tropics and southern hemisphere climatic and sociocultural contexts allowing us to move forward in this subject with actions and proposed solutions that fit our particular needs the built environment affects our physical mental and social well being here renowned professionals from practice and academia explore the evidence from basic research as well as case studies to test this belief they show that many elements in the built environment contribute to establishing a milieu which helps people to be healthier and have the energy to concentrate while being free to be creative the health and well being agenda pervades society in many different ways but we spend much of our lives in buildings so they have an important role to play within this total picture this demands us to embrace change and think beyond the conventional wisdom while retaining our respect for it creating the productive workplace shows how we need to balance the needs of people and the ever increasing enabling technologies but also to take advantage of the healing powers of nature and let them be part of environmental design this book aims to lead to more human centred ways of designing the built environment with deeper meaning and achieve healthier and more creative as well as more productive places to work our built environments can affect us in many subtle ways simply sensing fresh air and natural light or seeing greenery and open space can uplift our mood and improve our wellbeing but these healthy environments are increasingly difficult to achieve in practice the vital collaboration between the many people involved in designing and producing buildings is often not achieved then there is the pressing need to reduce waste and pollution managing these demands is a challenge especially in a traditional climate of short term thinking designing buildings for people explores how we can learn from buildings of the past vernacular architecture and the natural world around us while still harnessing the opportunities presented by technology to think creatively work collaboratively and exercise a transdisciplinary approach the book features over 200 images exhibiting the acclaimed work of internationally recognized and research led designers from the fields of architecture engineering and management it is a prime reference work for professionals and students who want to build the sustainable buildings of the future designing with smell aims to inspire readers to actively consider smell in their work through the inclusion of case studies from

around the world highlighting the current use of smell in different cutting edge design and artistic practices this book provides practical guidance regarding different equipment techniques stages and challenges which might be encountered as part of this process throughout the text there is an emphasis on spatial design in numerous forms and interpretations in the street the studio the theatre or exhibition space as well as the representation of spatial relationships with smell contributions originate across different geographical areas academic disciplines and professions this is crucial reading for students academics and practitioners working in olfactory design creating sensory spaces celebrates spaces enlivened with sensual richness and provides you with the knowledge and tools necessary to create them drawing on numerous built case studies in ten countries and illustrated with over 85 full color images the book presents a new framework for the design of sensory spaces including light color temperature smell sound and touch bridging across disciplines of architecture engineering phenomenology and perceptual psychology this book informs the design of buildings and neighborhoods that reclaim the role of the body and all the senses in creating memorable experiences of place and belonging in the 20th century many aspects of life became a matter of perception in the wake of the multiplication of media stylistic experimentation and the rise of multiculturalism life sped up as a result of new modes of transportation automobiles and airplanes and communication telephones and personal computers which emphasized the rapid movement of people and ideas the proliferation of synthetic products and simulated experiences from artificial flavors to video games in turn created heady virtual worlds of sensation this progressive mediation and acceleration of sensation along with the sensory and environmental pollution it often spawned also sparked various countertrends such as the back to nature movement the craft movement slow food and alternative medicine this volume shows how attending to the sensory dynamics of the modern age yields many fresh insights into the intertwined processes which gave the 20th century its particular feel of technological prowess and gaudy artificiality a cultural history of the senses in the modern age presents essays on the following topics the social life of the senses urban sensations the senses in the marketplace the senses in religion the senses in philosophy and science medicine and the senses the senses in literature art and the senses and sensory media although workplace design and management are gaining more and more attention from modern organizations workplace research is still very fragmented and spread across multiple disciplines in academia there are several books on the market related to workplaces facility management fm and corporate real estate management crem disciplines but few open up a theoretical and practical discussion across multiple theories from different fields of studies therefore workplace researchers are not aware of all the angles from which workplace management and effects of workplace design on employees has been or could be studied a lot of knowledge is lost between disciplines and sadly many insights do not reach workplace managers in practice therefore this new book series is started by associate professor rianne appel meulenbroek eindhoven university of technology the netherlands and postdoc researcher vitalija danivska aalto university finland as editors published by routledge it is titled transdisciplinary workplace research and management because it bundles important research insights from different disciplinary fields and shows its relevance for both academic workplace research and workplace management in practice the books will address the complexity of the transdisciplinary angle necessary to solve ongoing workplace related issues in practice such as knowledge worker productivity office use and more strategic workplace management in addition the editors work towards further collaboration and integration of the necessary disciplines for further development of the workplace field in research and in practice this book series is relevant for workplace experts both in academia and industry this first book in the series focuses on the employee as a user of the work environment the 21 theories discussed and applied to workplace design in this book address people s ability to do their job and thrive in relation to the office workplace some focus more on explaining why people behave the way they do the psychosocial environment while others take the physical and or digital workplace quality as a starting point to explain employee outcomes such as health satisfaction and performance they all explain different aspects for achieving employee workplace alignment ewa and thereby ensuring employee thriving the final chapter describes a first step towards integrating these theories into an overall interdisciplinary framework for eventually developing a grand ewa theory the open access version of this book available at taylorfrancis com books e 9781003128830 has been made available under a creative commons attribution non commercial no derivatives 4 0 license the creation of metropolitan areas is influenced by a wide array of factors both practical and ecological they can also be influenced by immaterial characteristics of a given area the handbook of research on perception driven approaches to urban assessment and design is a scholarly resource that assesses metropolitan development and its relation to the ecological

and sustainability issues these areas face featuring coverage on a wide range of topics such as user centered urban planning perception of urban landscapes and thermal comfort in urban contexts this publication is geared toward professionals practitioners researchers and students seeking relevant research on the effective planning of metropolitan areas and their relation to the ecological and sustainability issues that face such areas eco towers introduces readers to groundbreaking designs most progressive projects and innovative ways of thinking about a new generation of green skyscrapers that could provide solutions to crises the world faces today including climate change depleting resources deteriorating ecology population increase decreasing food supply urban heat island effect pollution deforestation and more the book suggests that the eco tower culminates the cultural and technological evolutions of the 21st century by building and improving on the experiences of earlier designs of skyscrapers and philosophies particularly green sustainable and ecological it argues that the true green skyscraper is the one that engages successfully with its larger urban context by establishing symbiotic relationships with the social economic and environmental aspects since tall buildings are becoming larger and taller serving greater number of people and exerting higher demand on the environment and existing infrastructure any improvements in their design and construction will significantly enhance urban conditions the book elucidates how green skyscrapers better serve tenants mitigate environmental impacts and improve integration with the city infrastructure it explains how skyscrapers long life cycle offers the greatest justifications for recycling precious resources and makes it a worthwhile to employ green features in constructing new skyscrapers and retrofitting existing ones subsequently the book explores new designs that are employing cutting edge green technologies at a grand scale including water saving technologies solar panels helical wind turbines sunlight sensing led lights rainwater catchment systems graywater and blackwater recycling systems seawater powered air conditioning and the like in the future new building materials and smart technologies will continue to offer innovative design approaches to sustainable tall buildings with new aesthetics referred to as eco iconic skyscrapers proceedings of an international conference held at paris france december 4 8 1989 for ease of use this edition has been divided into the following subject sections general principles materials and processes control power electronics and drives environment power generation transmission and distribution power systems sectors of electricity use new chapters and major revisions include industrial instrumentation digital control systems programmable controllers electronic power conversion environmental control hazardous area technology electromagnetic compatibility alternative energy sources alternating current generators electromagnetic transients power system planning reactive power plant and facts controllers electricity economics and trading power quality an essential source of techniques data and principles for all practising electrical engineers written by an international team of experts from engineering companies and universities includes a major new section on control systems plcs and microprocessors this is an open access book 2022 international conference on mathematical statistics and economic analysis msea 2022 will be held in dalian china from may 27 to 29 2022 based on probability theory mathematical statistics studies the statistical regularity of a large number of random phenomena and infers and forecasts the whole economic development is very important to people s life and the country through data statistics and analysis we can quickly understand the law of economic development this conference combines mathematical statistics and economic analysis for the first time to explore the relationship between them so as to provide a platform for experts and scholars in the field of mathematical statistics and economic analysis to exchange and discuss eco resorts is a design guide for low impact environmentally friendly tourist resorts in the tropics the book is the first to offer architects practical detailed guidance in developing resort buildings that work with a tropical climate and meet the needs and expectations of the client and building inhabitants the book includes both architectural design and material solutions supported by theoretical principles to present a sustainable approach to resort design it demonstrates that tropical resort buildings do not necessarily require large energy input in compliance with green building standards case studies show how principles of sustainable design have been successfully applied in tropical environments written by an industry insider with practical design experience knowledge and expertise demonstrates design practices related to site planning and layout and re assesses best practices for a tropical environment allowing architects to apply design principles to their own projects includes international case studies from several countries to illustrate best practice from a variety of tropical climate destinations around the world z zbigniew bromberek phd is an architect educated and registered in poland and postgraduate educated and residing in australia z has been practising and teaching architecture for nearly 30 years he has been involved and associated with various educational institutions and professional organizations

in a number of countries around the world before the current appointment as senior lecturer in architecture at the university of tasmania z spent three years as lecturer in environmental design at the university of queensland and two years as guest professor in architectural design in nanjing pr china he was also the president of the architectural science association anasca for three consecutive terms in 2000 05 z s major research interests include design environment interaction low impact architecture and re integration of architecture as an expression of a multi disciplinary approach to design recent global appropriations of public spaces through urban activism public uprising and political protest have brought back democratic values beliefs and practices that have been historically associated with cities given the aggressive commodification of public re sources public space is critically important due to its capacity to enable forms of public dis course and social practice which are fundamental for the well being of democratic societies public space reader brings together public space scholarship by a cross disciplinary group of academics and specialists whose essays consider fundamental questions what is public space and how does it manifest larger cultural social and political processes how are public spaces designed socially and materially produced and managed how does this impact the nature and character of public experience what roles does it play in the struggles for the just city and the right to the city what critical participatory approaches can be employed to create inclusive public spaces that respond to the diverse needs desires and aspirations of individuals and communities alike what are the critical global and comparative perspectives on public space that can enable further scholarly and professional work and what are the futures of public space in the face of global pandemics such as covid 19 the readers of this volume will be rewarded with an impressive array of perspectives that are bound to expand critical understanding of public space beyond environmental crisis addresses the most pressing challenge facing humanity at the end of the 20th century can the peoples of the earth get together with enough creativity commitment and skill to avert the twin threats of nuclear holocaust and environmental destruction this book employs comparative creative philosophical inquiry to analyze and offer alternatives to the modern western worldview which was the foundation of the western technological revolution it describes an emerging alternative ecophilosophy that is inclusive enough to serve as a cross cultural ground for synthesis of new visions of technological and social practices that promote ecological harmony wisdom and democratic values it exemplifies appropriate philosophizing as an art that creatively uses shifting paradigms as a transformative discipline leading to the creation of new practices of appropriate design for diverse lifestyles which promote preservation of the earth s wild places while sustaining its ecological communities comparative creative ecophilosophical inquiry facilitates participatory activity which becomes an applied philosophy of life that is a way to ecosophy wisdom and harmony based on ecocentric values the way to ecosophy leads beyond environmental crises to illustrate this transformation two philosophies are described along with their ideals of progress persons community and nature the technocratic representing the dominant industrial paradigm the planetary person pernetarian representing an ecosophic alternative self belief known as self efficacy by sports psychologists is widely believed to be an essential component of sporting success this volume examines the nature of efficacy as it applies to sporting behaviour in coaches athletes and teams presents some of the most creative works from architects around the world that never came to fruition oclc collection of selected peer reviewed papers from the 2014 international conference on civil architecture and building materials ceabm 2014 may 24 25 2014 haikou china the 548 papers are grouped as follows chapter 1 city and building planning architectural design and its theory chapter 2 urban planning and design chapter 3 landscape planning and design chapter 4 environmental architecture research chapter 5 ecological architecture chapter 6 traditional construction materials research chapter 7 advanced construction materials research chapter 8 building science and technology chapter 9 monitoring and control of quality engineering chapter 10 project management in building and construction management chapter 11 management research chapter 12 engineering education proceedings of the 2d international biometeorological congress 1960

Beyond Environmental Comfort

2013-06-26

beyond environmental comfort highlights some of the key ideas that form the foundation of the field of environmental comfort and at the same time gives voice to some of the concerns and considerations on the limitations of the field as it stands today bringing together a range of foremost thinkers in their respective fields michel cabanac derek clements croome nick baker harold marshall juhani pallasmaa dean hawkes and constance classen this book argues for a deeper appreciation of how environmental comfort may be understood in terms of our relationship with the environment rather than as independent qualities for the first time these diverse views are brought together by editor boon lay ong to present insights into a world beyond what is normally covered in academic research in the process an attempt is made to define the field for the future this book shows that it is by understanding just how environmental design needs to go beyond mere comfort and deal with well being that we can meaningfully design our future

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Advances in Social and Organizational Factors

2020-07-19

an exploration of how ergonomics can contribute to the solution of important societal and engineering challenges advances in social and organizational factors discusses the optimization of sociotechnical systems including their organizational structures policies and processes it includes coverage of communication crew resource management work design design of working times teamwork participatory design community ergonomics cooperative work new work paradigms organizational culture virtual organizations telework and quality management the book provides research on urban infrastructures and how to shape urban spaces including stadiums and museums it covers warning systems in cars voice based interfaces and the positive effects on manufacturing processes available from health informatics and management systems several chapters examine the role human factors can play in counter terrorism efforts and in interpreting deceptive behaviors they provide suggestions on how to improve enterprise resource planning systems and stress the importance of lifelong learning personalized learning and work life balance the book also highlights issues with special populations detailing how to design and adapt products and work situations for these groups in addition to exploring the challenges faced in optimizing sociotechnical systems the book underlines themes that play a role in all the challenges and how they are linked to each other it concludes with an exploration of emotional ergonomics and the important positive effects of making people happy and healthy with authors from around the globe the book supplies a broad look at current challenges and possible solutions

Data, Architecture and the Experience of Place

2018-11-12

the notion of data is increasingly encountered in spatial creative and cultural studies big data and artificial intelligence are significantly influencing a number of disciplines processes methods and vocabularies from sciences architecture arts are borrowed discussed and tweaked and new cross disciplinary fields emerge more and more artists and designers are drawing on hard data to interpret the world and to create meaningful sensuous environments architects are using neurophysiological data to improve their understanding of people's experiences in built spaces different disciplines collaborate with scientists to visualise data in different and creative ways revealing new connections interpretations and readings this often demonstrates a genuine desire to comprehend human behaviour and experience and to possibly inform design processes accordingly at the same time this opens up questions as to why this desire and curiosity is emerging now how it relates to recent technological advances and how it converses with the cultural philosophical and methodological context of the disciplines with which it engages questions are also raised as to how the use of data and data informed methods may serve support promote and or challenge political agendas data architecture and the experience of place provides an overview of new approaches on this significant subject and is ideal for students and researchers in digital architecture architectural theory design digital media sensory studies and related fields

Media Hot and Cold

2021-10-04

in media hot and cold nicole starosielski examines the cultural dimensions of temperature to theorize the ways heat and cold can be used as a means of communication subjugation and control diving into the history of thermal media from infrared cameras to thermostats to torture sweatboxes starosielski explores the many meanings and messages of temperature during the twentieth century heat and cold were broadcast through mass thermal media today digital thermal media such as bodily air conditioners offer personalized forms of thermal communication and comfort although these new media promise to help mitigate the uneven effects of climate change starosielski shows how they can operate as a form of biopower by determining who has the ability to control their own thermal environment in this way thermal media can enact thermal violence in ways that reinforce racialized colonial gendered and sexualized hierarchies by outlining how the control of temperature reveals power relations starosielski offers a framework to better understand the dramatic transformations of hot and cold media in the twenty first century

Removing Barriers to Environmental Comfort in the Global South

2023-05-11

this book describes how comfort energy and climate change in developing countries and vulnerable sectors of the population relate to buildings the building sector is currently facing significant challenges connected to energy consumption energy poverty and climate change effects when studied in developing countries and vulnerable sectors of the population these factors which are commonplace in the tropics and the southern hemisphere are interlinked and share a critical component environmental comfort although progress has been made in environmental comfort through research and the development of standards and policies at the international level in the global south where the countries with the highest levels of income inequality are concentrated environmental comfort has its own characteristics and challenges that prevent a clear understanding from the established vision of the global north this book presents research theories and techniques related to thermal comfort indoor air quality visual comfort and acoustic comfort and its relationship with energy use and energy efficiency seeking to address different barriers to environmental comfort it shows how to improve the way buildings are designed and operated to promote healthier environmental conditions and more sustainable construction by presenting studies and reflections carried out in the target geographical area the global south in this way this book contributes to developing the concept of environmental comfort visualising how progress has been made in understanding it from a tropical and southern perspective and posing common challenges the book is intended for engineers architects and researchers of the built environment who are interested in environmental comfort and its influence on energy consumption energy poverty and other related factors in the global south context it is also a useful resource for decision makers and public policy developers concerned with the indoor comfort of buildings moreover the book aims

to provide guidance for those in developing countries by gathering existing knowledge in the field for the tropics and southern hemisphere climatic and sociocultural contexts allowing us to move forward in this subject with actions and proposed solutions that fit our particular needs

Creating the Productive Workplace

2017-09-22

the built environment affects our physical mental and social well being here renowned professionals from practice and academia explore the evidence from basic research as well as case studies to test this belief they show that many elements in the built environment contribute to establishing a milieu which helps people to be healthier and have the energy to concentrate while being free to be creative the health and well being agenda pervades society in many different ways but we spend much of our lives in buildings so they have an important role to play within this total picture this demands us to embrace change and think beyond the conventional wisdom while retaining our respect for it creating the productive workplace shows how we need to balance the needs of people and the ever increasing enabling technologies but also to take advantage of the healing powers of nature and let them be part of environmental design this book aims to lead to more human centred ways of designing the built environment with deeper meaning and achieve healthier and more creative as well as more productive places to work

Designing Buildings for People

2020-10-26

our built environments can affect us in many subtle ways simply sensing fresh air and natural light or seeing greenery and open space can uplift our mood and improve our wellbeing but these healthy environments are increasingly difficult to achieve in practice the vital collaboration between the many people involved in designing and producing buildings is often not achieved then there is the pressing need to reduce waste and pollution managing these demands is a challenge especially in a traditional climate of short term thinking designing buildings for people explores how we can learn from buildings of the past vernacular architecture and the natural world around us while still harnessing the opportunities presented by technology to think creatively work collaboratively and exercise a transdisciplinary approach the book features over 200 images exhibiting the acclaimed work of internationally recognized and research led designers from the fields of architecture engineering and management it is a prime reference work for professionals and students who want to build the sustainable buildings of the future

Designing with Smell

2017-10-05

designing with smell aims to inspire readers to actively consider smell in their work through the inclusion of case studies from around the world highlighting the current use of smell in different cutting edge design and artistic practices this book provides practical guidance regarding different equipment techniques stages and challenges which might be encountered as part of this process throughout the text there is an emphasis on spatial design in numerous forms and interpretations in the street the studio the theatre or exhibition space as well as the representation of spatial relationships with smell contributions originate across different geographical areas academic disciplines and professions this is crucial reading for students academics and practitioners working in olfactory design

Creating Sensory Spaces

2016-12-19

creating sensory spaces celebrates spaces enlivened with sensual richness and provides you with the knowledge and tools necessary to create them drawing on numerous built case studies in ten countries and illustrated with over 85 full color images the book presents a new

framework for the design of sensory spaces including light color temperature smell sound and touch bridging across disciplines of architecture engineering phenomenology and perceptual psychology this book informs the design of buildings and neighborhoods that reclaim the role of the body and all the senses in creating memorable experiences of place and belonging

A Cultural History of the Senses in the Modern Age

2014-10-23

in the 20th century many aspects of life became a matter of perception in the wake of the multiplication of media stylistic experimentation and the rise of multiculturalism life sped up as a result of new modes of transportation automobiles and airplanes and communication telephones and personal computers which emphasized the rapid movement of people and ideas the proliferation of synthetic products and simulated experiences from artificial flavors to video games in turn created heady virtual worlds of sensation this progressive mediation and acceleration of sensation along with the sensory and environmental pollution it often spawned also sparked various countertrends such as the back to nature movement the craft movement slow food and alternative medicine this volume shows how attending to the sensory dynamics of the modern age yields many fresh insights into the intertwined processes which gave the 20th century its particular feel of technological prowess and gaudy artificiality a cultural history of the senses in the modern age presents essays on the following topics the social life of the senses urban sensations the senses in the marketplace the senses in religion the senses in philosophy and science medicine and the senses the senses in literature art and the senses and sensory media

Distributed, Ambient and Pervasive Interactions

2021-06-16

although workplace design and management are gaining more and more attention from modern organizations workplace research is still very fragmented and spread across multiple disciplines in academia there are several books on the market related to workplaces facility management fm and corporate real estate management crem disciplines but few open up a theoretical and practical discussion across multiple theories from different fields of studies therefore workplace researchers are not aware of all the angles from which workplace management and effects of workplace design on employees has been or could be studied a lot of knowledge is lost between disciplines and sadly many insights do not reach workplace managers in practice therefore this new book series is started by associate professor rianne appel meulenbroek eindhoven university of technology the netherlands and postdoc researcher vitalija danivska aalto university finland as editors published by routledge it is titled transdisciplinary workplace research and management because it bundles important research insights from different disciplinary fields and shows its relevance for both academic workplace research and workplace management in practice the books will address the complexity of the transdisciplinary angle necessary to solve ongoing workplace related issues in practice such as knowledge worker productivity office use and more strategic workplace management in addition the editors work towards further collaboration and integration of the necessary disciplines for further development of the workplace field in research and in practice this book series is relevant for workplace experts both in academia and industry this first book in the series focuses on the employee as a user of the work environment the 21 theories discussed and applied to workplace design in this book address people s ability to do their job and thrive in relation to the office workplace some focus more on explaining why people behave the way they do the psychosocial environment while others take the physical and or digital workplace quality as a starting point to explain employee outcomes such as health satisfaction and performance they all explain different aspects for achieving employee workplace alignment ewa and thereby ensuring employee thriving the final chapter describes a first step towards integrating these theories into an overall interdisciplinary framework for eventually developing a grand ewa theory the open access version of this book available at taylorfrancis com books e 9781003128830 has been made available under a creative commons attribution non commercial no derivatives 4 0 license

A Handbook of Theories on Designing Alignment Between People and the Office Environment

2018-01-05

the creation of metropolitan areas is influenced by a wide array of factors both practical and ecological they can also be influenced by immaterial characteristics of a given area the handbook of research on perception driven approaches to urban assessment and design is a scholarly resource that assesses metropolitan development and its relation to the ecological and sustainability issues these areas face featuring coverage on a wide range of topics such as user centered urban planning perception of urban landscapes and thermal comfort in urban contexts this publication is geared toward professionals practitioners researchers and students seeking relevant research on the effective planning of metropolitan areas and their relation to the ecological and sustainability issues that face such areas

Handbook of Research on Perception-Driven Approaches to Urban Assessment and Design

2015-05-05

eco towers introduces readers to groundbreaking designs most progressive projects and innovative ways of thinking about a new generation of green skyscrapers that could provide solutions to crises the world faces today including climate change depleting resources deteriorating ecology population increase decreasing food supply urban heat island effect pollution deforestation and more the book suggests that the eco tower culminates the cultural and technological evolutions of the 21st century by building and improving on the experiences of earlier designs of skyscrapers and philosophies particularly green sustainable and ecological it argues that the true green skyscraper is the one that engages successfully with its larger urban context by establishing symbiotic relationships with the social economic and environmental aspects since tall buildings are becoming larger and taller serving greater number of people and exerting higher demand on the environment and existing infrastructure any improvements in their design and construction will significantly enhance urban conditions the book elucidates how green skyscrapers better serve tenants mitigate environmental impacts and improve integration with the city infrastructure it explains how skyscrapers long life cycle offers the greatest justifications for recycling precious resources and makes it a worthwhile to employ green features in constructing new skyscrapers and retrofitting existing ones subsequently the book explores new designs that are employing cutting edge green technologies at a grand scale including water saving technologies solar panels helical wind turbines sunlight sensing led lights rainwater catchment systems graywater and blackwater recycling systems seawater powered air conditioning and the like in the future new building materials and smart technologies will continue to offer innovative design approaches to sustainable tall buildings with new aesthetics referred to as eco iconic skyscrapers

Eco-Towers

1990-04-30

proceedings of an international conference held at paris france december 4 8 1989

1989 2nd European Conference on Architecture

2002-09-27

for ease of use this edition has been divided into the following subject sections general principles materials and processes control power electronics and drives environment power generation transmission and distribution power systems sectors of electricity use new chapters and major revisions include industrial instrumentation digital control systems programmable controllers electronic power conversion environmental control hazardous area technology electromagnetic compatibility alternative energy sources alternating current generators electromagnetic transients power system planning reactive power plant and facts controllers electricity economics and trading power quality an essential source of techniques data and

principles for all practising electrical engineers written by an international team of experts from engineering companies and universities includes a major new section on control systems plcs and microprocessors

Electrical Engineer's Reference Book

2022-12-22

this is an open access book 2022 international conference on mathematical statistics and economic analysis msea 2022 will be held in dalian china from may 27 to 29 2022 based on probability theory mathematical statistics studies the statistical regularity of a large number of random phenomena and infers and forecasts the whole economic development is very important to people s life and the country through data statistics and analysis we can quickly understand the law of economic development this conference combines mathematical statistics and economic analysis for the first time to explore the relationship between them so as to provide a platform for experts and scholars in the field of mathematical statistics and economic analysis to exchange and discuss

Proceedings of the 2022 International Conference on Mathematical Statistics and Economic Analysis (MSEA 2022)

2009-06-04

eco resorts is a design guide for low impact environmentally friendly tourist resorts in the tropics the book is the first to offer architects practical detailed guidance in developing resort buildings that work with a tropical climate and meet the needs and expectations of the client and building inhabitants the book includes both architectural design and material solutions supported by theoretical principles to present a sustainable approach to resort design it demonstrates that tropical resort buildings do not necessarily require large energy input in compliance with green building standards case studies show how principles of sustainable design have been successfully applied in tropical environments written by an industry insider with practical design experience knowledge and expertise demonstrates design practices related to site planning and layout and re assesses best practices for a tropical environment allowing architects to apply design principles to their own projects includes international case studies from several countries to illustrate best practice from a variety of tropical climate destinations around the world z zbigniew bromberek phd is an architect educated and registered in poland and postgraduate educated and residing in australia z has been practising and teaching architecture for nearly 30 years he has been involved and associated with various educational institutions and professional organizations in a number of countries around the world before the current appointment as senior lecturer in architecture at the university of tasmania z spent three years as lecturer in environmental design at the university of queensland and two years as guest professor in architectural design in nanjing pr china he was also the president of the architectural science association anzasca for three consecutive terms in 2000 05 z s major research interests include design environment interaction low impact architecture and re integration of architecture as an expression of a multi disciplinary approach to design

Eco-resorts

2021-03-30

recent global appropriations of public spaces through urban activism public uprising and political protest have brought back democratic values beliefs and practices that have been historically associated with cities given the aggressive commodification of public re sources public space is critically important due to its capacity to enable forms of public dis course and social practice which are fundamental for the well being of democratic societies public space reader brings together public space scholarship by a cross disciplinary group of academics and specialists whose essays consider fundamental questions what is public space and how does it manifest larger cultural social and political processes how are public spaces designed socially and materially produced and managed how does this impact the nature and character of public experience what roles does it play in the struggles for the just city and the right to the city what critical participatory approaches can be employed to create

inclusive public spaces that respond to the diverse needs desires and aspirations of individuals and communities alike what are the critical global and comparative perspectives on public space that can enable further scholarly and professional work and what are the futures of public space in the face of global pandemics such as covid 19 the readers of this volume will be rewarded with an impressive array of perspectives that are bound to expand critical understanding of public space

Public Space Reader

1989

beyond environmental crisis addresses the most pressing challenge facing humanity at the end of the 20th century can the peoples of the earth get together with enough creativity commitment and skill to avert the twin threats of nuclear holocaust and environmental destruction this book employs comparative creative philosophical inquiry to analyze and offer alternatives to the modern western worldview which was the foundation of the western technological revolution it describes an emerging alternative ecophilosophy that is inclusive enough to serve as a cross cultural ground for synthesis of new visions of technological and social practices that promote ecological harmony wisdom and democratic values it exemplifies appropriate philosophizing as an art that creatively uses shifting paradigms as a transformative discipline leading to the creation of new practices of appropriate design for diverse lifestyles which promote preservation of the earth s wild places while sustaining its ecological communities comparative creative ecophilosophical inquiry facilitates participatory activity which becomes an applied philosophy of life that is a way to ecosophy wisdom and harmony based on ecocentric values the way to ecosophy leads beyond environmental crises to illustrate this transformation two philosophies are described along with their ideals of progress persons community and nature the technocratic representing the dominant industrial paradigm the planetary person pernetarian representing an ecosophic alternative

Beyond Environmental Crisis

1980

self belief known as self efficacy by sports psychologists is widely believed to be an essential component of sporting success this volume examines the nature of efficacy as it applies to sporting behaviour in coaches athletes and teams

Communication in Nursing Practice

2008

presents some of the most creative works from architects around the world that never came to fruition oclc

Self-efficacy in Sport

2009-10-27

collection of selected peer reviewed papers from the 2014 international conference on civil architecture and building materials ceabm 2014 may 24 25 2014 haikou china the 548 papers are grouped as follows chapter 1 city and building planning architectural design and its theory chapter 2 urban planning and design chapter 3 landscape planning and design chapter 4 environmental architecture research chapter 5 ecological architecture chapter 6 traditional construction materials research chapter 7 advanced construction materials research chapter 8 building science and technology chapter 9 monitoring and control of quality engineering chapter 10 project management in building and construction management chapter 11 management research chapter 12 engineering education

Unbuilt Masterworks of the 21st Century

2014-07-04

proceedings of the 2d international biometeorological congress 1960

Architecture, Building Materials and Engineering Management IV

1967

Modern Nursing Home

1988

Children's Environments Quarterly

1985

Attitudes of San Francisco Bay Area Chinese-American Cancer Patients Regarding Cancer and Its Treatment and Their Perceived Social Support Networks

2003

Twin Plant News

1996

Dissertation Abstracts International

1971

Road Test

1993

Poultry Guide

2006

EDRA; Proceedings of the Annual Environmental Design Research Association Conference

1985

Pathways and Future Directions for Environmental Data and Information Users

1980

Environmental Comment

1972

Transactions - Comptes Rendus: General reports and technical papers

1968

Heating and Ventilation for a Human Environment

1974

On Site

1974

On Site, on Energy

1962

Biometeorology

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