

# An Architecture For Autism Concepts Of Design

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It is your totally own era to play in reviewing habit. along with guides you could enjoy now is **An Architecture For Autism Concepts Of Design** below.

**Recent Advances in Autism Spectrum Disorders** - Michael Fitzgerald 2013-03-06  
The pace of research on Autism Spectrum Disorders (ASD) has expanded exponentially in recent years. It is difficult for anyone to keep up with all developments. This book will assist the

experienced and non-specialist reader to keep up with recent developments. The book opens with a focus on the evolutionary aspects of autism and then focuses on the public's attitude towards autism including the stigma issue. Then there is a focus on cortical modularity and

electrophysiology followed by treatment issues including sensory, medical and community-based interventions. Finally, forensic issues are dealt with and the importance of the built environment is focused on. The book will be relevant to psychiatrists, psychologists, paediatricians, social workers, speech and language therapists, occupational therapists and care workers.

*The Routledge Handbook of Designing Public Spaces for Young People* - Janet Loebach  
2020-06-23

The Routledge Handbook of Designing Public Spaces for Young People is a thorough and practical resource for all who wish to influence policy and design decisions in order to increase young people's access to and use of public spaces, as well as their role in design and decision-making processes. The ability of youth to freely enjoy public spaces, and to develop a sense of belonging and attachment to these environments, is critical for their physical,

social, cognitive, and emotional development. Young people represent a vital citizen group with legitimate rights to occupy and shape their public environments, yet they are often driven out of public places by adult users, restrictive bylaws, or hostile designs. It is also important that children and youth have the opportunity to genuinely participate in the planning of public spaces, and to have their needs considered in the design of the public realm. This book provides both evidence and tools to help effectively advocate for more youth-inclusive public environments, as well as integrate youth directly into both research and design processes related to the public realm. It is essential reading for researchers, design and planning professionals, community leaders, and youth advocates.

**How to Read Architecture** - Paulette Singley  
2019-06-26

How to Read Architecture is based on the fundamental premise that reading and

interpreting architecture is something we already do, and that close observation matters. This book enhances this skill so that given an unfamiliar building, you will have the tools to understand it and to be inspired by it. Author Paulette Singley encourages you to misread, closely read, conventionally read, and unconventionally read architecture to stimulate your creative process. This book explores three essential ways to help you understand architecture: reading a building from the outside-in, from the inside-out, and from the position of out-and-out, or formal, architecture. This book erodes boundaries between the frequently compartmentalized fields of interior design, landscape design, and building design with chapters exploring concepts of terroir, scenography, criticality, atmosphere, tectonics, inhabitation, type, form, and enclosure. Using examples and case studies that span a wide range of historical and global precedents, Singley addresses the complex interaction

among the ways a building engages its context, addresses its performative exigencies, and operates as an autonomous aesthetic object. Including over 300 images, this book is an essential read for both undergraduate and postgraduate students of architecture with a global focus on the interpretation of buildings in their context.

Designing for Inclusion - Patrick Langdon  
2020-04-16

This proceedings book presents papers from the 10th Cambridge Workshops on Universal Access and Assistive Technology. The CWUAAT series of workshops have celebrated a long history of interdisciplinarity, including design disciplines, computer scientists, engineers, architects, ergonomists, ethnographers, ethicists, policymakers, practitioners, and user communities. This reflects the wider increasing realisation over the long duration of the series that design for inclusion is not limited to technology, engineering disciplines, and

computer science but instead requires an interdisciplinary approach. The key to this is providing a platform upon which the different disciplines can engage and see each other's antecedents, methods, and point of view. This proceedings book of the 10th CWUAAT conference presents papers in a variety of topics including Reconciling usability, accessibility, and inclusive design; Designing inclusive assistive and rehabilitation systems; Designing cognitive interaction with emerging technologies; Designing inclusive architecture; Data mining and visualising inclusion; Legislation, standards, and policy in inclusive design; Situational inclusive interfaces; and The historical perspective: 20 years of CWUAAT. CWUAAT has always aimed to be inclusive in the fields that it invites to the workshop. We must include social science, psychologies, anthropologies, economists, politics, governance, and business. This requirement is now energised by imminent new challenges arising from techno-social

change. In particular, artificial intelligence, wireless technologies, and the Internet of Things generate a pressing need for more socially integrated projects with operational consequences on individuals in the built environment and at all levels of design and society. Business cases and urgent environmental issues such as sustainability and transportation should now be a focus point for inclusion in an increasingly challenging world. This proceedings book continues the goal of designing for inclusion, as set out by the CWUAAT when it first started.

### **Human Factors in the Built Environment -**

Linda L. Nussbaumer 2018-01-11

Human Factors in the Built Environment, Second Edition explains the relationship of the human body and space planning to the design process so that you can plan and detail interiors. Key topics include proxemics, anthropometrics, ergonomics, sensory components, diversity, global concerns, health and safety,

environmental considerations, special populations, and universal (inclusive) design. Recipient of the American Society of Interior Designers Joel Polsky Prize, this book has all the information you need in a quick reference format. Human Factors in the Built Environment STUDIO -Study smarter with self-quizzes featuring scored results and personalized study tips -Review concepts with flashcards of terms and definitions PLEASE NOTE: Purchasing or renting this ISBN does not include access to the STUDIO resources that accompany this text. To receive free access to the STUDIO content with new copies of this book, please refer to the book + STUDIO access card bundle ISBN 9781501323423.

**Care and Design** - Charlotte Bates 2016-11-14  
Care and Design: Bodies, Buildings, Cities connects the study of design with care, and explores how concepts of care may have relevance for the ways in which urban environments are designed. It explores how

practices and spaces of care are sustained specifically in urban settings, thereby throwing light on an important arena of care that current work has rarely discussed in detail.

*Autism Works* - Adam Feinstein 2018-07-17

People with autism are being left behind today, with only 16 per cent in full-time employment. This inspiring book addresses the lack of understanding of the wonderful contributions people across the autism spectrum can make to the workplace, drawing attention to this vast untapped human resource. Employers who create supportive workplaces can enhance their companies by making use of the talents of people with autism while also helping to produce a more inclusive and tolerant society, and people with autism can themselves benefit materially and emotionally from improved employment opportunities. Packed with real-life case studies examining the day-to-day working lives of people across the autism spectrum in a wide variety of careers, this book provides constructive

solutions for both employers seeking to improve their workplaces and for individuals with autism considering their employment options. It dispels popular myths about autism, such as that everyone is good at IT, and crucially tackles the potential job opportunities available across the spectrum, including for those who have no language at all. It also highlights the neglected area of gender differences in the workplace and the costs of autistic females' ability to 'camouflage' their condition. This book is a must-read for parents, employers and adults with autism, and for anyone interested in the present and future of people with autism in the workplace who will benefit from the positive message that employing autistic people is not an act of charity but one that makes sound economic sense.

**Design for Tomorrow—Volume 2** - Amaresh Chakrabarti 2021-04-26

This book showcases cutting-edge research papers from the 8th International Conference on

Research into Design (ICoRD 2021) written by eminent researchers from across the world on design processes, technologies, methods and tools, and their impact on innovation, for supporting design for a connected world. The theme of ICoRD'21 has been "Design for Tomorrow". The world as we know it in our times is increasingly becoming connected. In this interconnected world, design has to address new challenges of merging the cyber and the physical, the smart and the mundane, the technology and the human. As a result, there is an increasing need for strategizing and thinking about design for a better tomorrow. The theme for ICoRD'21 serves as a provocation for the design community to think about rapid changes in the near future to usher in a better tomorrow. The papers in this book explore these themes, and their key focus is design for tomorrow: how are products and their development be addressed for the immediate pressing needs within a connected world? The book will be of

interest to researchers, professionals and entrepreneurs working in the areas on industrial design, manufacturing, consumer goods, and industrial management who are interested in the new and emerging methods and tools for design of new products, systems and services.

### **Neurodivergence and Architecture -**

2022-09-30

Neurodivergence and Architecture, Volume Five, the latest release in the Developments in Neuroethics and Bioethics series, focuses on the new and fascinating ethical and legal challenges posed by neurotechnology and its global regulation. Topics in this new release cover STS on architecture, Embodied Rhetoric/ Disability Studies, Autoethnography, Bioethics/Materialist Feminism, Advocacy, Cultural Commentary: Being Autistic Together, An autistic perspective on built spaces, Empty spaces and refrigerator boxes: making autistic spaces, On the Losing Myself Project, Neither Use nor Ornament (NUNO) project, Madness and (Be)coming Out

Within and Through Spaces of Confinement, and more. Novel and original research on the emerging field of the legal regulation of neuroscience Interdisciplinary approach, chapters by global scholars from several disciplines, including law, philosophy, and medicine Develops a global approach, useful in jurisdictions along the globe

Living in the Community - Andrew Brand 2010

Environmental and Architectural Psychology - Ian Donald 2022-06-15

Environmental and Architectural Psychology: The Basics is a jargon-free and accessible introduction to the relationship between people and their natural and built environment. Exploring everything from the effectiveness of open plan offices to how people respond to life-threatening disasters, the book addresses issues around sustainability, climate change, and behaviour, and is grounded in theory and ideas drawn from psychology, geography, and

architecture. Author Ian Donald introduces both the theoretical underpinnings and the applications of environment-behaviour research to solving real world problems, encouraging readers to reflect on the role of design and policy in shaping the environments in which they live and work. With chapters considering the impact of environment on identity, wellbeing, crime, and spatial behaviour, Donald shows us not only how people shape and affect the environment, but also in turn how the environment shapes and affects people's thoughts, feelings, and behaviours. Addressing some of the most important questions of our time, including how behaviour drives climate change, and what we can do about it, this is the ideal book for anyone interested in the interactions between architecture, the environment, and psychology.

**Different Buildings for Different Minds -**

Michelle (Shelly) Dival 2019-07-10

A study on the specialised building design of

homes and workplaces for individuals on the autism spectrum.

*Autism 360°* - Undurti N. Das 2019-10-08

*Autism 360* uses a hybrid and transdisciplinary methodology to identify mechanisms on how autism is prevented, diagnosed, treated and managed within personal and social constructs around the world. Adopting a lifespan approach, the book discusses lifestyle challenges and emphasizes issues relating to neurodiversity, individuality, best practices, and support of both people on the spectrum and their families. This book will help change population and individual attitudes and behaviors regarding autism. Its ultimate goal is to empower readers to become both agents of change and an integral part of the solution. Covers topics from the prevention and treatment of autism and how to live with it. Adopts an integrated methods approach. Features field experiences. Provides valuable syntheses of scattered material. Compares cross-cultural learnings. Discusses the education and

employment of those with autism

**Autism: Teaching Makes a Difference -**

Brenda Scheuermann 2018-01-01

This book is ideal for pre-service and in-service teachers required to implement effective evidence-based practices for children and youth with autism, particularly those who also have intellectual disabilities. It provides instructions, sample forms, and other practical tools necessary to improve students' educational outcomes. An overview discusses the educational needs of students with autism as well as key issues including etiological research, behavioral characteristics, diagnostic approaches, and program development and refinement. Subsequent chapters cover teaching methodologies, challenging behavior interventions, curriculum development, and related areas. The book is grounded in the scientifically supported premise that well-planned evidenced-based strategies, accurately implemented, can empower students and help

teachers guide students to increasingly independent functioning. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

**A Comprehensive Book on Autism Spectrum**

**Disorders -** Mohammad-Reza Mohammadi

2011-09-15

The aim of the book is to serve for clinical, practical, basic and scholarly practices. In twentyfive chapters it covers the most important topics related to Autism Spectrum Disorders in the efficient way and aims to be useful for health professionals in training or clinicians seeking an update. Different people with autism can have very different symptoms. Autism is considered to be a "spectrum" disorder, a group of disorders with similar features. Some people may experience merely mild disturbances, while the others have very serious symptoms. This book is aimed to be used as a textbook for child and adolescent psychiatry fellowship training and

will serve as a reference for practicing psychologists, child and adolescent psychiatrists, general psychiatrists, pediatricians, child neurologists, nurses, social workers and family physicians. A free access to the full-text electronic version of the book via Intech reading platform at <http://www.intechweb.org> is a great bonus.

Environmental Psychology for Design - Dak Kopec 2018-02-08

How does a room affect an occupant's behavior and well-being? How does a building influence its residents' health? *Environmental Psychology for Design*, 3rd Edition, explores these questions with an in-depth look at psychosocial responses to the built environment. Awarded the 2006 ASID Joel Polsky Prize, the first edition served as an introduction to the discipline of environmental psychology and inspired readers to embrace its key concepts and incorporate them into their practice. This 3rd edition continues to analyze the interaction between

environments and human behavior and well-being, while exploring how individual differences related to age, gender, and cultural background impact that interaction. *Environmental Psychology for Design STUDIO* -Study smarter with self-quizzes featuring scored results and personalized study tips -Review concepts with flashcards of terms and definitions PLEASE NOTE: Purchasing or renting this ISBN does not include access to the STUDIO resources that accompany this text. To receive free access to the STUDIO content with new copies of this book, please refer to the book + STUDIO access card bundle ISBN 9781501321801.

**Interior Design for Autism from Childhood to Adolescence** - A. J. Paron-Wildes 2013-10-22  
When designing spaces for individuals with Autism, there are specific design strategies that can be employed to create optimal spaces that can have a positive impact on special learning and sensory needs. *Interior Design for Autism from Childhood to Adolescence* gives designers

the exact information they need to implement these design strategies in their own projects. Projects covered relate specifically to the age ranges from childhood through adolescence, including high schools, residential group homes, and workplaces. The main neurofunctions of Autism are covered along with specific design techniques that can be used to address each one. Information on toxins and material selection is also included.

*Interior Design for Autism from Birth to Early Childhood* - A. J. Paron-Wildes 2013-10-22

*Interior Design for Autism from Birth to Early Childhood* gives designers who are creating spaces for individuals with Autism, the exact information they need to create optimal spaces that can have a positive impact on special learning and sensory needs. This book also shows how to implement specific design strategies that can be employed in their own projects. Projects covered relate specifically to the age ranges from birth through early

childhood, including schools, homes, and clinical therapy settings. The main neurofunctions of Autism are covered along with specific design techniques that can be used to address each one. Information on toxins and material selection is also included.

*Design Computing and Cognition '16* - John. S Gero 2016-12-31

This book gathers the peer-reviewed and revised versions of papers from the Seventh International Conference on Design Computing and Cognition (DCC'16), held at Northwestern University, Evanston (Chicago), USA, from 27-29 June 2016. The material presented here reflects cutting-edge design research with a focus on artificial intelligence, cognitive science and computational theories. The papers are grouped under the following nine headings, describing advances in theory and applications alike and demonstrating the depth and breadth of design computing and design cognition: Design Creativity; Design Cognition - Design

Approaches; Design Support; Design Grammars; Design Cognition - Design Behaviors; Design Processes; Design Synthesis; Design Activity and Design Knowledge. The book will be of particular interest to researchers, developers and users of advanced computation in design across all disciplines, and to all readers who need to gain a better understanding of designing.

**The Eyes of the Skin** - Juhani Pallasmaa

2012-05-14

First published in 1996, *The Eyes of the Skin* has become a classic of architectural theory. It asks the far-reaching question why, when there are five senses, has one single sense - sight - become so predominant in architectural culture and design? With the ascendancy of the digital and the all-pervasive use of the image electronically, it is a subject that has become all the more pressing and topical since the first edition's publication in the mid-1990s. Juhani Pallasmaa argues that the suppression of the

other four sensory realms has led to the overall impoverishment of our built environment, often diminishing the emphasis on the spatial experience of a building and architecture's ability to inspire, engage and be wholly life enhancing. For every student studying Pallasmaa's classic text for the first time, *The Eyes of the Skin* is a revelation. It compellingly provides a totally fresh insight into architectural culture. This third edition meets readers' desire for a further understanding of the context of Pallasmaa's thinking by providing a new essay by architectural author and educator Peter MacKeith. This text combines both a biographical portrait of Pallasmaa and an outline of his architectural thinking, its origins and its relationship to the wider context of Nordic and European thought, past and present. The focus of the essay is on the fundamental humanity, insight and sensitivity of Pallasmaa's approach to architecture, bringing him closer to the reader. This is illustrated by Pallasmaa's

sketches and photographs of his own work. The new edition also provides a foreword by the internationally renowned architect Steven Holl and a revised introduction by Pallasmaa himself.

**Mismatch** - Kat Holmes 2020-09-01

How inclusive methods can build elegant design solutions that work for all. Sometimes designed objects reject their users: a computer mouse that doesn't work for left-handed people, for example, or a touchscreen payment system that only works for people who read English phrases, have 20/20 vision, and use a credit card.

Something as simple as color choices can render a product unusable for millions. These mismatches are the building blocks of exclusion. In *Mismatch*, Kat Holmes describes how design can lead to exclusion, and how design can also remedy exclusion. Inclusive design methods—designing objects with rather than for excluded users—can create elegant solutions that work well and benefit all. Holmes tells stories of pioneers of inclusive design, many of

whom were drawn to work on inclusion because of their own experiences of exclusion. A gamer and designer who depends on voice recognition shows Holmes his “Wall of Exclusion,” which displays dozens of game controllers that require two hands to operate; an architect shares her firsthand knowledge of how design can fail communities, gleaned from growing up in Detroit's housing projects; an astronomer who began to lose her eyesight adapts a technique called “sonification” so she can “listen” to the stars. Designing for inclusion is not a feel-good sideline. Holmes shows how inclusion can be a source of innovation and growth, especially for digital technologies. It can be a catalyst for creativity and a boost for the bottom line as a customer base expands. And each time we remedy a mismatched interaction, we create an opportunity for more people to contribute to society in meaningful ways.

*Designing for Autism Spectrum Disorders* - Kristi Gaines 2016-05-20

Winner of the 2017 IDEC Book Award, 2017 EDRA Great Places Award (Book Category), 2017 American Society of Interior Designers Joel Polsky Prize and the 2016 International Interior Design Association TXOK Research Award *Designing for Autism Spectrum Disorders* explains the influence of the natural and man-made environment on individuals with autism spectrum disorders (ASD) and other forms of intellectual/developmental disabilities (IDD). Drawing on the latest research in the fields of environmental psychology and education, the authors show you how architecture and interior spaces can positively influence individuals with neurodiversities by modifying factors such as color, lighting, space organization, textures, acoustics, and ventilation. Now you can design homes, therapeutic environments, work environments, and outdoor spaces to encourage growth and learning for the projected 500,000 children with ASD (in the United States alone) who are expected to reach adulthood by 2024.

Topics discussed include: -Environmental design theories -Symptoms of ASD -Sensory processing deficits -Design needs of individuals on the spectrum at all ages -Design methods and solutions for spaces, including residential, learning, work, and therapeutic environments encompassing a wide range of budgets - Designing for self-actualization, well-being, and a high quality of life for the duration of an individual's life -Avenues for healthy living and aging in place -Biophilic design -Environmental impact on well-being -Strategies to promote active living as an integral part of the welfare focus.

*Advances in Human Factors, Sustainable Urban Planning and Infrastructure* - Jerzy

Charytonowicz 2018-06-26

This book discusses human factors research directed towards realizing and assessing sustainability in the built environment. It reports on advanced engineering methods for sustainable infrastructure design, as well as on

assessments of the efficient methods and the social, environmental, and economic impact of various designs and projects. The book covers a range of topics, including the use of recycled materials in architecture, ergonomics in buildings and public design, sustainable design for smart cities, design for the aging population, industrial design, human scale in architecture, and many more. Based on the AHFE 2018 International Conference on Human Factors, Sustainable Urban Planning and Infrastructure, held on July 21-25, 2018, in Orlando, Florida, USA, it offers various perspectives on sustainability and ergonomics. As such, it is a valuable reference resource for designers, urban engineers, architects, infrastructure professionals, public infrastructure owners, policy makers, government engineers and planners, as well as operations managers and academics active in urban and infrastructure research.

**Autism Spectrum Disorders** - Tim Williams

2011-09-06

Autism spectrum disorders are a major topic for research. The causes are now thought to be largely genetic although the genes involved are only slowly being traced. The effects of ASD are often devastating and families and schools have to adapt to provide the best for people with ASD to attain their potential. This book describes some of the interventions and modifications that can benefit people with ASD.

Place Advantage - Sally Augustin 2015-09-23

Using psychology to develop spaces that enrich human experience Place design matters. Everyone perceives the world around them in a slightly different way, but there are fundamental laws that describe how people experience their physical environments. Place science principles can be applied in homes, schools, stores, restaurants, workplaces, healthcare facilities, and the other spaces people inhabit. This guide to person-centered place design shows architects, landscape architects, interior

designers, and other interested individuals how to develop spaces that enrich human experience using concepts derived from rigorous qualitative and quantitative research. In *Place Advantage: Applied Psychology for Interior Architecture*, applied environmental psychologist Sally Augustin offers design practitioners accessible environmental psychological insights into how elements of the physical environment influence human attitudes and behaviors. She introduces the general principles of place science and shows how factors such as colors, scents, textures, and the spatial composition of a room, as well as personality and cultural identity, impact the experience of a place. These principles are applied to multiple building types, including residences, workplaces, healthcare facilities, schools, and retail spaces. Building a bridge between research and design practice, *Place Advantage* gives people designing and using spaces the evidence-based information and psychological insight to create environments

that encourage people to work effectively, learn better, get healthy, and enjoy life.

**Extra Bold** - Ellen Lupton 2021-06-25

**Extra Bold** is the inclusive, practical, and informative (design) career guide for everyone! Part textbook and part comic book, zine, manifesto, survival guide, and self-help manual, **Extra Bold** is filled with stories and ideas that don't show up in other career books or design overviews. • Both pragmatic and inquisitive, the book explores power structures in the workplace and how to navigate them. • Interviews showcase people at different stages of their careers. • Biographical sketches explore individuals marginalized by sexism, racism, and ableism. • Practical guides cover everything from starting out, to wage gaps, coming out at work, cover letters, mentoring, and more. A new take on the design canon. • Opens with critical essays that rethink design principles and practices through theories of feminism, anti-racism, inclusion, and nonbinary thinking. •

Features interviews, essays, typefaces, and projects from dozens of contributors with a variety of racial and ethnic backgrounds, abilities, gender identities, and positions of economic and social privilege. • Adds new voices to the dominant design canon. Written collaboratively by a diverse team of authors, with original, handcrafted illustrations by Jennifer Tobias that bring warmth, happiness, humor, and narrative depth to the book. Extra Bold is written by Ellen Lupton (Thinking with Type), Farah Kafei, Jennifer Tobias, Josh A. Halstead, Kaleena Sales, Leslie Xia, and Valentina Vergara.

*Cognitive accesibility, architecture, and the autism spectrum* - Berta Brusilovsky 2022-02-07

This text deals fundamentally with design and architecture: the route of spatial recognition, which is the least known —or worked on— within the approaches of the autism spectrum given its difficulty in being synthesized in a paradigm or normative set. The objective is to

create a framework to approach the design of environments and buildings, in order to facilitate spatial development in everyday life and, especially, in learning situations. The spatial route, which is the project, creates: - A set of spatial coordinates that liberates the user from the anguish of not recognizing, of not understanding the space in which he is developing. And that offer him the possibility of finding the way, directing him to where he needs or wants to go. - Structure of the exterior and interior, with their corresponding activities placed in a comprehensible way through concepts of organization: functional and sensorial sequence of events. And creation of spaces for group and individual tasks, paying special attention to places of transition and recovery between opposite or different activities, both physical and emotional. - The aspects that are developed in terms of recommendations are synthesized in a construct that brings together the aspects of general, functional, formal and

sensory organization of plans, elevations and details. Achieving with these “person-space” adjustments a higher quality of personal life and of its affective and learning environment. - Design components that in the case of autism should be considered in order to seek with the project greater facility of understanding, use and space-emotional development of people from childhood to adult life.

**Enhancing the Well-Being of Students on the Autism Spectrum** - Joanne Danker

2019-12-17

The importance of enhancing students’ well-being is recognised around the world, yet the well-being of autistic students remains largely unexplored. With the increasing enrolment of autistic students in mainstream schools, it is imperative to develop a comprehensive understanding of the well-being of autistic students to facilitate their sense of well-being in school. *Enhancing the Well-Being of Students on the Autism Spectrum* offers an in-depth

understanding of the well-being of students on the autism spectrum using the innovative research methodology, Photovoice. Throughout the text, the author incorporates photographs taken by students on the autism spectrum, as well as interviews with the students, their teachers, and parents, to bring the authentic experiences of these students to the fore. The book also covers: An overview of the well-being of autistic students; Barriers to the well-being of autistic students and ways to overcome them; Protective factors of the well-being of autistic students and ways to develop these within the school context. This book is a necessary companion for postgraduate students in the field of education and special education, practitioners within the school context, and researchers interested in the area of autism spectrum condition or student well-being.

*The Making of a Building* - Albena Yaneva 2009  
Drawing on rare ethnographical material of architects at work at the Office for Metropolitan

Architecture of Rem Koolhaas in Rotterdam in the period 2001-2004, this text offers a novel account of the social and cognitive complexity of architecture in the making.

*Biophilic Design* - Stephen R. Kellert 2011-09-26

"When nature inspires our architecture-not just how it looks but how buildings and communities actually function-we will have made great strides as a society. *Biophilic Design* provides us with tremendous insight into the 'why,' then builds us a road map for what is sure to be the next great design journey of our times." -Rick Fedrizzi, President, CEO and Founding Chairman, U.S. Green Building Council "Having seen firsthand in my company the power of biomimicry to stimulate a wellspring of profitable innovation, I can say unequivocally that biophilic design is the real deal. Kellert, Heerwagen, and Mador have compiled the wisdom of world-renowned experts to produce this exquisite book; it is a must reading for scientists, philosophers, engineers, architects and designers, and most

especially-businesspeople. Anyone looking for the key to a new type of prosperity that respects the earth should start here." -Ray C. Anderson, founder and Chair, Interface, Inc. The groundbreaking guide to the emerging practice of biophilic design. This book offers a paradigm shift in how we design and build our buildings and our communities, one that recognizes that the positive experience of natural systems and processes in our buildings and constructed landscapes is critical to human health, performance, and well-being. Biophilic design is about humanity's place in nature and the natural world's place in human society, where mutuality, respect, and enriching relationships can and should exist at all levels and should emerge as the norm rather than the exception. Written for architects, landscape architects, planners, developers, environmental designers, as well as building owners, *Biophilic Design: The Theory, Science, and Practice of Bringing Buildings to Life* is a guide

to the theory, science, and practice of biophilic design. Twenty-three original and timely essays by world-renowned scientists, designers, and practitioners, including Edward O. Wilson, Howard Frumkin, David Orr, Grant Hildebrand, Stephen Kieran, Tim Beatley, Jonathan Rose, Janine Benyus, Roger Ulrich, Bert Gregory, Robert Berkebile, William Browning, and Vivian Loftness, among others, address: \* The basic concepts of biophilia, its expression in the built environment, and how biophilic design connects to human biology, evolution, and development. \* The science and benefits of biophilic design on human health, childhood development, healthcare, and more. \* The practice of biophilic design-how to implement biophilic design strategies to create buildings that connect people with nature and provide comfortable and productive places for people, in which they can live, work, and study. Biophilic design at any scale-from buildings to cities-begins with a few simple questions: How does the

built environment affect the natural environment? How will nature affect human experience and aspiration? Most of all, how can we achieve sustained and reciprocal benefits between the two? This prescient, groundbreaking book provides the answers. [At home with autism](#) - Steele, Kim 2015-11-25 At Home with Autism: Designing Housing for the Spectrum introduces readers to conditions and aspirations of adults on the autism spectrum that demand a new approach to how we provide, locate, design and develop homes in which they live. The book argues that there is no singular stellar residential model, just as there is no singular prototype of autism. Grounded in an extensive array of research sources, the book identifies resident-focused quality of life goals, and profiles design guidelines directed to those goals. The book implores those involved in housing design, production and policy to expand their exposure to what is possible, what is desirable, and to direct their efforts towards

expanding residential choices for those on the spectrum.

Architecture Form(s) Identity - Greta Allegretti  
2022-08-03

Architecture form(s) identity. Spaces for the absence of memory is a collection of essays on the theme of memory, its possible loss, weakness, ability to build individual and collective identities, and on the way architecture inserts itself in this process, determining different spaces of reflection. These texts all arise from a common research ground, which saw the editors personally involved in an inter-doctoral Workshop (The Memory as Construction of the Subject. Designing for the Absence of Memory, 2018-19), with a collaboration between Politecnico di Milano (AUID) and the Universidad de Sevilla (HAC) Ph.D. schools, in which the theme of memory and the construction of a more holistic space that dialogues with it was at the center of the design reflection. These contributions, all built

around that very rich relationship between memory and architecture, have led to a necessary desire to broaden the horizons and thematic limits reached by the workshop, considering them as a starting point for the collection of different perspectives able to investigate some issues in a more specific way.

**Design, User Experience, and Usability:**

**Design Thinking and Methods** - Aaron

Marcus 2016-07-04

The three-volume set LNCS 9746, 9747, and 9748 constitutes the proceedings of the 5th International Conference on Design, User Experience, and Usability, DUXU 2016, held as part of the 18th International Conference on Human-Computer Interaction, HCII 2016, in Toronto, Canada, in July 2016, jointly with 13 other thematically similar conferences. The total of 1287 papers presented at the HCII 2016 conferences were carefully reviewed and selected from 4354 submissions. These papers address the latest research and development

efforts and highlight the human aspects of design and use of computing systems. The papers accepted for presentation thoroughly cover the entire field of Human-Computer Interaction, addressing major advances in knowledge and effective use of computers in a variety of application areas. The total of 157 contributions included in the DUXU proceedings were carefully reviewed and selected for inclusion in this three-volume set. The 49 papers included in this volume are organized in topical sections on design thinking; user experience design methods and tools; usability and user experience evaluation methods and tools.

Town and Infrastructure Planning for Safety and Urban Quality - Michèle Pezzagno 2018-07-16

Today, citizens advocate greater environmental sustainability, better services and the improvement of urban quality by promoting safer mobility, especially for the most vulnerable road users. Addressing these issues, Town and Infrastructure Planning for Safety and Urban

Quality contains papers presented at the XXIII International Conference "Living and Walking in Cities" (Brescia, Italy, 15-16 June 2017). The contributions discuss town planning issues, look at best practices and research findings across the broad spectrum of urban and transport planning, with particular attention to the safety of pedestrians in the city. The main topics of the book are: - Urban regeneration. A focus on walkability (vulnerable road users; boosting and planning soft mobility) - Road safety and urban planning - vulnerable road users: planning for safety (integrated land use and transport planning; methodological approaches and case studies; integrated tools for town and transport planning; shaping public spaces and walkability; transport solutions for tourism) - Innovative and traditional solutions for Italian cities - Extra-European approaches to town and infrastructure planning - Different perspectives in road safety: prevention, infrastructure, sharing - Advances in road safety Town and Infrastructure Planning for

Safety and Urban Quality is a powerful plea for a multi-disciplinary and comprehensive approach to urban mobility and planning, and will be of interest to academics, consultants and practitioners interested in these areas.

[The Autism Revolution](#) - Dr. Martha Herbert  
2013-03-12

“An in-depth, scientific—yet hopeful and positive—look at how the brain and body work together . . . [Dr. Martha Herbert] has developed a new way of seeing autism.”—Library Journal  
After years of treating patients and analyzing scientific data, Harvard Medical School researcher and clinician Dr. Martha Herbert offers a revolutionary new view of autism and a transformative strategy for dealing with it. Autism, she concludes, is not a hardwired impairment programmed into a child’s genes and destined to remain fixed forever. Instead, it is the result of a cascade of events, many seemingly minor. And while other doctors may dismiss your child’s physical symptoms—the

anxiety, sensory overload, sleeplessness, frequent illnesses or seizures—as coincidental or irrelevant, Dr. Herbert sees them as vital clues to what the underlying problems are, and how to help. Drawing from the newest research, technologies, and insights, as well as inspiring case studies of both children and adults, Dr. Herbert guides you toward restoring health and resiliency in your loved one with autism. Her specific recommendations aim to provide optimal nutrition, reduce toxic exposures, limit stress, and open the door to learning and creativity. As thousands of families who have cobbled together these solutions themselves already know, this program can have dramatic benefits—for your child with autism, and for you, your whole family, and perhaps your next baby as well. “Invaluable . . . a must-read . . . Dr. Martha Herbert gets it. She not only gets it, but she puts it out there in an awesome book so the rest of us can get it, too.”—Autism Watch  
“[Herbert] goes further than most autism

specialists. Her impressive science background merges with common sense and even intuitive sense [making] complex scientific and medical materials seamlessly blend with a holistic viewpoint.”—Relieve Autism “Hope and practical guidance . . . With this easy-to-read book, parents can gain wisdom on how to guide your child to achieve a healthy and thriving life.”—Mom Central

The Oxford Handbook of Autism and Co-Occurring Psychiatric Conditions - Susan W. White 2020-02-03

Co-occurring psychiatric conditions are extremely common among people who have autism spectrum disorder (ASD). The Oxford Handbook of Autism and Co-Occurring Psychiatric Conditions presents a compilation of the latest research in this area, summarized by internationally renowned experts. Each chapter presents an overview of the problem or disorder including information on prevalence in ASD and in the general public and a synthesis of the

research on etiology, diagnostic best practices, and evidence-based intervention approaches. Case studies bring these concepts to life, and each chapter concludes with suggestions for future research directions in order to further develop our scientific and clinical understanding of the particular comorbidity. Given the fact that comorbidity is often a chronic and pervasive concern, this Handbook takes a lifespan approach, with each chapter touching on developmental aspects of the targeted problem, from early childhood through adulthood. The concluding section of the Handbook is comprised of content on clinical considerations and research approaches, including chapters on medications commonly used to treat co-occurring conditions, strategies for managing crisis situations in this clinical population, and community partnerships within an implementation science framework.

Care and Design - Charlotte Bates 2016-09-27  
Care and Design: Bodies, Buildings, Cities

connects the study of design with care, and explores how concepts of care may have relevance for the ways in which urban environments are designed. It explores how practices and spaces of care are sustained specifically in urban settings, thereby throwing light on an important arena of care that current work has rarely discussed in detail.

*Transforming Our World Through Universal Design for Human Development* - I. Garofolo  
2022-09-29

An environment, or any building product or service in it, should ideally be designed to meet the needs of all those who wish to use it. Universal Design is the design and composition of environments, products, and services so that they can be accessed, understood and used to the greatest extent possible by all people, regardless of their age, size, ability or disability. It creates products, services and environments that meet people's needs. In short, Universal Design is good design. This book presents the

proceedings of UD2022, the 6th International Conference on Universal Design, held from 7 - 9 September 2022 in Brescia, Italy. The conference is targeted at professionals and academics interested in the theme of universal design as related to the built environment and the wellbeing of users, but also covers mobility and urban environments, knowledge, and information transfer, bringing together research knowledge and best practice from all over the world. The book contains 72 papers from 13 countries, grouped into 8 sections and covering topics including the design of inclusive natural environments and urban spaces, communities, neighborhoods and cities; housing; healthcare; mobility and transport systems; and universally-designed learning environments, work places, cultural and recreational spaces. One section is devoted to universal design and cultural heritage, which had a particular focus at this edition of the conference. The book reflects the professional and disciplinary diversity

represented in the UD movement, and will be of interest to all those whose work involves inclusive design.

*Autism in Adulthood* - Susan Lowinger

2019-08-30

This book evaluates how autism is experienced and addressed in four areas critical to the developmental phase of adulthood: self-awareness, individuality, comprehensive support systems, and the dissemination of information and expanded education. The editors present comprehensive coverage of new developments in the field of adults with autism spectrum disorder (ASD), particularly with regards to the updating of diagnostic criteria in the DSM-5 and an increased level of interest in research on adults with ASD. Contributors also make recommendations regarding services that should be provided to people with ASD based on recognition of their needs, the frequent lack of accessibility to relevant services, and an understanding of how a person's living situation

both influences and is influenced by the way they conduct their lives. Among the topics discussed: The distinctive stage of Emerging Adulthood in individuals with ASD Late diagnosis of autism spectrum disorder Sexuality and romantic relationships among people with ASD Parents, siblings, and communities of individuals with ASD Cultural-demographic influences on life choices among people with ASD Adult women on the high-functioning autism spectrum The experience of academia and employment for people with ASD Autism in Adulthood is a unique resource for professionals, clinicians, researchers and caregivers that emphasizes both theoretical and practical information regarding ASD in the critical adult stage of life.

**Universal Design 2016: Learning from the Past, Designing for the Future** - H. Petrie

2016-09-15

Universal Design is the term used to describe the design of products and environments which

can be used by all people, to the greatest extent possible, without the need for adaptation or specialized design. It is not a euphemism for 'designs for people with a disability', but really is about designing to include all people, regardless of their age, ability, cultural background or status in life. However it remains the case that many designers and developers fail to understand the need for universal design and lack the skills needed to implement it. This book presents papers from the 3rd International Conference on Universal Design (UD 2016), held in York, UK, in August 2016. The theme of the conference was: learning from the past, designing for the future, and it aimed to bring

together policymakers, practitioners and researchers interested in the different strands of universal design to exchange ideas and best practice, review some of the developments in universal design from the last 20 years, and formulate strategies for taking the concept of universal design forward into the future. The book is divided into two sections. Section 1: About Universal Design, and Section 2: Universal Design In Practice. The book will be of interest to all those whose work involves design, from the built environment and tangible products to communication, services and systems.