

Free ebook Structures for architects by bryan j b gauld (2023)

cantley s work offers a unique and critical insight into the emergence of a liminal territory that exists between the real and the virtual that mainstream architecture has yet to exploit speculative coolness surveys and collects a highly experimental architecture design praxis this book presents a selected body of his work showcasing projects which seek to understand and explore the conditions contexts and media logics which govern this new territory and to speculate on the architecture s which it might occupy and which might occupy it featuring both resolved projects and work s that are under development this anthology represents constructs that locate themselves somewhere between architecture and its documentative media the projects are presented alongside a series of critical essays written by pre eminent architectural practitioners and theorists these essays explore the disciplinary social and cultural context of the work serving to underscore the importance of these explorations to the expansion of disciplinary knowledge it s been our distinct pleasure over the past few years to publish monographs on a select group of young architects and firms whose work represents the best of contemporary design thinking while retaining a distinctive regional sensibility the nova scotian architect brian mackay lyons fits neatly into this distinguished list which includes marlon blackwell in the ozarks rick joy in the southwest and miller hull in the northwest those familiar with nova scotia understand the austere beauty of this canadian landscape with its wide open skies and rugged terrain pushing up against the atlantic mackay lyons s work responds to this unique topography and to the vernacular building traditions that define its communities his houses commercial buildings and public projects combine regional forms with local materials technologies and building practices to create works that are linked to their environments right down to their dna peaked gables shed roofs and sliding doors are inspired by local barn types corrugated metal cladding comes from the buildings used by the areas fishing industry structural wooden frames are based on local ship building traditions these elements communicate a sense of place that is sophisticated accessible and free of sentimentality novelist and historian malcolm quantrill weaves together an intimate portrait of mackay lyons and his work elucidating the peculiar regionality of his subject s architecture a new voices monograph published with the graham foundation demand from building control officials for structural calculations even for very simple projects means that today s architects must have a thorough understanding of everyday structural concepts structures for architects satisfies the need for a basic introduction to the structural problems encountered by the architect surveyor and builder this third edition reflects advances in recent techniques and refers to current building regulations and codes of practice students of architecture building and surveying at degree diploma or professional riba rics ciob examination level will find this book a valuable course text professionals in these fields who must perform structural calculations to satisfy building control authorities will also find it a useful handbook explores new thoughts and practices in the movement toward an architecture that serves everyone including the poor architecture is a social art if the practice of architecture is the art of what you can make happen then i believe that you are only as good as your bullpenthe builders the engineers the artisans the colleagues the staff who collaborate with you those who become possessed by the same urge to build by the same belief that we are working on something exceptional together brian mackay lyons for two weeks each summer architect brian mackay lyons uses his family farm on the east coast of nova scotia for a special event among the stone ruins of a village almost four hundred years old he assembles a community of architects professors and students for a design build internship and educational initiative called ghost research lab the two week project one week of design and one week of construction rests on the idea that architecture is not only about building but also about the landscape its history and the community based on the apprenticeship environment of ancient guilds where architectural knowledge was transferred through direct experience ghost redefines the architect as a builder who cultivates and contributes to the quality of the native landscape published to celebrate the event s tenth anniversary ghost offers a thorough documentation of the past decade s design build events including drawings models and final photographs of completed structures organized chronologically and interwoven with mackay lyons s simple and accessible personal narratives ghost also features essays by some

of the most eminent figures in architectural criticism including christine macy brian carter karl habermann robert ivy kenneth frampton thomas fisher juhani pallasmaa peter buchanan and robert mccarter in an architectural climate full of trends and egos ghost is the rare manifesto that does not preach but rather inspires quietly with simple ideas that unexpectedly unsettle and arouse written by the holder of several guinness world records for cardstacking this is the first complete fully illustrated guide to the art of building mind boggling multilevel structures with ordinary playing cards in stacking the deck bryan berg reveals the secret to successful cardstacking with his simple four card cell structure and expanded grid techniques using illustrations and step by step instructions he guides readers on to more elaborate and incredibly strong creations he covers a wide range of architectural styles from classic to whimsical and various types of structures including pyramids shrines stadiums churches an oil derrick and even the empire state building since first setting the height record in 1992 bryan s built awe inspiring card models of a japanese shrine the iowa state capitol building ebbets field and his latest tower which is more than twenty five feet tall this book includes photographs of some of these amazing pieces illustrating just how appealing and enduring a house of cards can be stacking the deck will inspire everyone from youngsters experimenting with their first deck of cards to adults who can create their own private skyscrapers once you ve read stacking the deck you ll never look at a deck of cards the same way again design in mind is based upon interviews with eleven well known but quite different architects the resulting case studies illustrate their works and their design processes which are interpreted compared and commented upon by bryan lawson using the models in how designers think his earlier successful text a particular feature of the book is the inclusion of original design drawings by the eleven architects there are many monographs published on individual architects but this book provides an alternative approach in investigating the main issues in the thought process behind a designer s work a number of key themes that arise out of the interviews are discussed by bryan lawson in the final chapter in architecture as in food local is an idea whose time has come of course the idea of an architecture that responds to site draws on local building traditions materials and crafts and strives to create a sense of community is not recent yet the way it has evolved in the past few years in the hands of some of the world s most accomplished architects is indeed defining a new movement from the rammed earth houses of rick joy and pacific northwest timber houses of tom kundig to the community built structures of rural studio and francis kéré designers everywhere are championing an architecture that exists from in and for a specific place the stunning projects presented here in the first book to examine this global shift were featured at the thirteenth and final ghost conference held in 2011 organized by nova scotia architect educator and local practitioner brian mackay lyons the result is the most complete collection of contemporary regionalist architecture available with essays by early proponents of the movement including kenneth frampton juhani pallasmaa and pritzker prize winning architect glenn murcutt walter benjamin has become a decisive reference point for a whole range of critical disciplines as he constructed a unique and provocative synthesis of aesthetics politics and philosophy examining benjamin s contributions to cultural criticism in relation to the works of max ernst adolf loos le corbusier and sigfried giedion this book also situates benjamin s work within more recent developments in architecture and urbanism this is a concise coherent account of the relevance of walter benjamin s writings to architects locating benjamin s critical work within the context of contemporary architecture and urbanism lavishly illustrated this volume documents the work of californian architect bryan cantley and his firm form ula located in los angeles the visual material is complemented by essays celebrating his oeuvre by leading experts including aaron betsky how designers think the designing process demystified second edition provides a comprehensive discussion of the psychology of the design process the book is comprised of 15 chapters that are organized into three parts the text first discusses the fundamentals of the concept of designer designing and design the second part deals with design problems including its components model and solutions the last part covers the cognitive aspect of designing the coverage of this part includes the philosophes strategies and tactics of design the book will be of great interest to both students and instructors of architecture planning and industrial and interior design including an abundance of black and white drawings and photographs this book looks at the regionalist approach of architect lyons as exemplified by 16 selected projects from 1986 to 1997 ranging from rural cottages and homes to urban houses and institutional buildings each project entry includes design expertise explores what it takes to become an expert designer it examines the perception of

expertise in design and asks what knowledge skills attributes and experiences are necessary in order to design well bryan lawson and kees dorst develop a new model of design expertise and show how design expertise can be developed this book is designed for all students teachers practitioners and researchers in architecture and design to enable all readers to explore the book in a flexible way the authors words are always found on the left hand page on the right are diagrams illustrations and the voices of designers teachers and students and occasionally others too design expertise provides a provocative new reading on the nature of design and creative thought perhaps most interesting is the range of buildings and machines that mills designed from monuments and local courthouses to prisons and churches bridges and canals to rotary piston engines and fireproof masonry vaults all during a revolutionary era of building technology in america a society s culture is a contributing factor to the structure and design of its architecture as contemporary globalism brings about the evolution of the world architectural style evolves along with it which can be observed on an international scale cultural influences on architecture is a pivotal reference source for the latest research on the impact of culture on architecture through the aspects of planning and production and highlights the importance of communicative dimension in design featuring exhaustive coverage on a variety of relevant perspectives and topics such as the evolution of construction systems benefits of nature based architecture and fundamentals of social capital this publication is ideally designed for researchers scholars and students seeking current research on the connection between culture and architecture on a global level this work offers a look at the construction and renovation of south carolina s most important government structure the state house prompted to research the building by its restoration between 1995 and 1998 the author witnessed every stage of excavation demolition and rebuilding being a professional designer is one of the most intellectually rewarding careers learning to become a designer can be tremendous fun but it can also be frustrating and at times painful what you have to do to become a designer is not often clearly laid out and can seem mysterious over the past 50 years or so we have discovered a great deal about how designers think this book relies upon that knowledge but presents it in a way specifically intended to help the student and perhaps the teacher bryan lawson s classic book how designers think has been in print since 1980 and has gone through four editions to keep it up to date this book can be seen as a companion volume for the design student it s been our distinct pleasure over the past few years to publish monographs on a select group of young architects and firms whose work represents the best of contemporary design thinking while retaining a distinctive regional sensibility the nova scotian architect brian mackay lyons fits neatly into this distinguished list which includes marlon blackwell in the ozarks rick joy in the southwest and miller hull in the northwest those familiar with nova scotia understand the austere beauty of this canadian landscape with its wide open skies and rugged terrain pushing up against the atlantic mackay lyons s work responds to this unique topography and to the vernacular building traditions that define its communities his houses commercial buildings and public projects combine regional forms with local materials technologies and building practices to create works that are linked to their environments right down to their dna peaked gables shed roofs and sliding doors are inspired by local barn types corrugated metal cladding comes from the buildings used by the area s fishing industry structural wooden frames are based on local ship building traditions these elements communicate a sense of place that is sophisticated accessible and free of sentimentality novelist and historian malcolm quantrill weaves together an intimate portrait of mackay lyons and his work elucidating the peculiar regionality of his subject s architecture a new voices monograph published with the graham foundation mechudzu is a book which represents questions not answers the work of bryan cantley and his firm form ula based in los angeles is intended to be confounding a practice that is a theory a theory of practice practice as theory cantley s work is part of the permanent collection of the san francisco museum of modern art other exhibits of note include a featured exhibition at the form zero bookstore gallery in los angeles and solo exhibitions enantiomorph inversion factor at the architecture gallery at cal poly pomona and wool and h2o at the ucla school of architecture this book documents cantley s work lavishly illustrated and combined with congenial essays by acknowledged experts as there are aaron betsky dora epstein jones ruth keffer wes jones doug jackson and neil spiller this unique guide provides a systematic overview of the idea of architectural space bryan lawson provides an ideal introduction to the topic breaking down the complex and abstract terms used by many design theoreticians when writing about architectural space instead our everyday knowledge is reintroduced to the language of design design values of

space are challenged and informed to stimulate a new theoretical and practical approach to design this book views architectural and urban spaces as psychological social and partly cultural phenomena they accommodate separate structure facilitate heighten and even celebrate human spatial behaviour contemporary architecture of theme based design is examined in this book leading to a new understanding of architecture s role in the increasingly diversified consumer environment it explores the experience economy to reveal how everyday environments strategically and opportunistically blur our leisure work and personal life experiences considering scientific design research consumer psychology and hollywood story telling techniques the book looks at how the design of theme parks casinos and shopping malls has influenced our more unexpectedly themed spaces from the city to the hospital widely taking architecture as a social practice this text is of relevance to all cultural and sociological studies in the built and material environment public interest design practice guidebook seed methodology case studies and critical issues is the first book to demonstrate that public interest design has emerged as a distinct profession it provides clear professional standards of practice following seed social economic environmental design methodology the first step by step process supporting public interest designers the book features an issues index composed of ninety critical social economic and environmental issues illustrated with thirty case study projects representing eighteen countries and four continents all cross referenced to show you how every human issue is a design issue contributions from thomas fisher heather fleming and david kaisel michael cohen michael p murphy jr and alan ricks and over twenty others cover topics such as professional responsibility public interest design business development design evaluation and capacity building through scaling along with many more themes including public participation issue based design and assessment are referenced throughout the book and provide benchmarks toward an informed practice this comprehensive manual also contains a glossary an appendix of engagement methods a case study locator atlas and a reading list whether you are working in the field of architecture urban planning industrial design landscape architecture or communication design this book empowers you to create community centered environments products and systems ten projects presented with text and b w photographs and drawings reveal how architect barry johns has played a role in the transformation of the canadian prairie and how his designs are drawn from a search for harmony with the land culture and institutions of this region the foreword by editor brian carter u of michigan and essays by essay published by the tuns press faculty of architecture technical university of nova scotia box 1000 halifax nova scotia canada b3j 2x4 showcases the work of patkau architects of vancouver british columbia using photos drawings and text to document ten of patkau s most significant projects annotation copyright by book news inc portland or easily the largest milestone for anyone in the architecture industry is passing the architectural registration exams and earning their license yet a very large percentage of people never finish their exams or may begin but never finish why because these exams are easily the most difficult portion of anyone s career while there is no denying the difficulty in these exams they can be conquered architect bryan toepfer explains the strategy that he and many others that he has coached used to finish all of the architectural registration exams in less than six months he will also share the difficulties and pitfalls that many fall victim to when taking their exams and how you can avoid them to ensure your success who should you talk with about these exams what is the best strategy to finish quickly when should you be scheduling your exams where are the best resources for your studying why is it necessary to become licensed now how do you stay focused and motivated for six months brian edwards and a team of expert contributors set out the important sustainable principles in the practice of architecture the second edition outlines the full impact of environmental laws for architects especially those which derive from europe this second edition has six new chapters including photovoltaics and new sections on water conservation and sustainable construction it has been updated in line with the changes in european environmental law there are also many more built examples which are fully illustrated a wider range of case studies targeted to the chapter themes is also included brian edwards is professor of architecture at the university of huddersfield he is also a member of the riba s environment and energy committee and advisor to kirklees council on agenda 21 an expert team of contributors provide an authoritative guide to sustainable design and the law comprehensive range of case studies illustrate all aspects of the architect s responsibilities this first monograph by new york based young projects demonstrates a new approach to spatial design that embraces ambiguity at the intersections of form type and material this monograph introduces the cutting edge research and work of young projects founded

by bryan young where materiality structure and form intersect to generate new architectural typologies the book presents a selection of the practice s most relevant projects five innovative houses completed between 2015 and 2020 as well as less in depth looks at other projects that define the practice each house serves as a chapter through which young projects broader body of work is explored across scales illustrated through a rich landscape of drawings diagrams renderings mock ups prototypes and photography the through line connecting all chapters is the studio s interest in using ambiguity and anomaly to create novel and accessible spaces whether for high profile clients or a new resort in st kitts young projects seeks to draw users into immersive spatial experiences that unfold over time in a manner that is familiar but subtly foreign this quality of allure is a result of a unique and experimental approach to materiality and spatial legibility these are the threads that tie the work together and have set young projects apart as an emerging practice as well as inform the larger scale projects the studio undertakes as it enters its second decade young projects process often begins with simple exercises in making form finding experiments they undertake within their brooklyn studio material research has included hand pulling plaster with an irregular knife using furniture foam as a casting bed and forming concrete with palm stems these experiments among many others mine characteristics that are not typically associated with conventional architectural materials and break traditional methodology allowing for qualities of randomness and spontaneity to enter the process of making the studio finds that letting go of control at the right moments produces results that are often surprising entirely bespoke and resist replication fragments of wilderness city reviews the work of renowned architect brian avery avery associates architects have worked in close collaboration with a diverse range of clients including universities commercial developers government organisations and charitable trusts fragments of wilderness city presents perspectives from academics and architecture historians exploring projects in india and the middle east major cultural commissions such as the imax cinemas in london and dubai the national film theatre the museum of the moving image london transport museum and the royal academy of the dramatic arts headquarters in bloomsbury london masterplanning work for oxford street in london the horniman museum and the avenue of the emirates in abu dhabi alongside profiles of their innovative work in product design and within the workplace is an essay by director bryan avery providing insights into his notion of the sustainable wilderness city this manifesto sets out a vision of an accountable architectural and planning approach to the contemporary city situated in a natural landscape and taking on board references to both the walled cities of the medieval period and the self contained urban environments of the twentieth century new towns fully illustrated with photographs plans and technical and conceptual drawings this volume will appeal to all those interested in architectural innovation at every scale from planning to design to sustainable developments public interest design education guidebook curricula strategies and seed academic case studies presents the pedagogical framework and collective curriculum necessary to teach public interest designers the second book in routledge s public interest design guidebook series the editors and contributors feature a range of learning competencies supported by distinct teaching strategies where educational and community originated goals unite written in a guidebook format that includes projects from across design disciplines this book describes the learning deemed most critical to pursuing an inclusive informed design practice that meets the diverse needs of both students and community partners featured chapter themes include fundamental skills intercultural competencies engaging the field experience inclusive iteration and evaluating student learning the book consists of practice based and applied learning constructs that bridge community based research with engaged learning and design practice seed social economic environmental design academic case studies introduce teaching strategies that reinforce project specific learning objectives where solving social economic and environmental issues unites the efforts of communities student designers and educators this comprehensive publication also contains indices devoted to learning objectives cross referenced from within the book as well as considerations for educational program development in public interest design whether you are a student of design an educator or a designer the breadth of projects and teaching strategies provided here will empower you to excel in your pursuit of public interest design for more than a decade architects and students at the university of washington have been working with squatter communities in mexico migrant laborers in eastern washington and indian reservations of the inland west as well as communities in cuba india and africa to provide housing schools clinics and other vital structures led by sergio palleroni these pioneering design

build programs have combined innovative architectural training with cross cultural immersion social activism and environmental science using design skills and hands on construction projects to confront poverty and urgent social problems one building at a time studio at large documents the international and regional community studios organized by palleroni and his colleagues typically held in intensive ten week builds in marginalized communities involving community members and students these studios promote maximum use of recycled or inexpensive locally available materials as well as lighting and energy systems that reduce utility costs and promote resource conservation they serve as models for making architectural education relevant to urgent social problems helping communities mobilize indigenous resources and social capital to develop creative problem solving skills and long term sustainable practices that protect rather than erode cultural identity dignity and stability by linking sustainable design to active community participation by demonstrating the interdependence between the way the first and third worlds live and by making the whole process into a pedagogical experience these design build programs bring home the lessons of global interdependence in a vivid and durable way brian hanson examines how the authority of architects was created within the changing working practices of eighteenth and nineteenth century british architecture incorporating new methods he compares diverse figures such as chambers soane barry pugin scott and street and provides a new context for ruskin s arguments about the nature of gothic he demonstrates how ruskin is closer to the classical tradition represented by chambers than the arts and crafts movement of webb and morris which he supposedly inspired documents the ideas and work of barry sampson architect and professor this book documents the ideas and work of notable canadian architect barry sampson who was a professor of architecture at the university of toronto for nearly thirty years and an instrumental part of the evolution of baird sampson neuert a significant critical practice in toronto the book investigates key ideas identified in sampson s 2019 baird lecture at the university of toronto documents three projects illustrative of sampson s approach to design and collects reflections on sampson s diverse roles in architecture as a teacher practitioner advocate environmentalist mentor client and builder sustainability is a key issue as governments worldwide come under pressure to deliver a healthier environment they are starting to legislate for architects to produce greener design this title will provide a vital overview for those looking for an introduction to green architecture on an international level as well as including projects the title will provide an essential outline of the green movement and the influence of key practitioners and thinkers upon architectural practice worldwide in 1999 historians at the virginia historical society acquired three curiously bound volumes of drawings and documents created between 1821 and 1858 by a long and unjustifiably forgotten architect named thomas r blackburn inspection revealed that these were in fact no ordinary documents but a unique window onto the life of a distinguished builder and his revered master thomas jefferson in these extraordinary books we find blackburn at first a young carpenter engaged in the construction of jefferson s famed academical village at the university of virginia he simultaneously embarked on an ambitious program of architectural study guided it appears by jefferson himself the drawings he executed in the four decades that followed extraordinary ink and watercolor explorations of his many residential and civic commissions bear witness to his emergence as a mature and prolific architect in his own right in jefferson s shadow is a unique document of the relationship between an unknown but highly skilled country builder and the american statesman widely considered this nation s first gentleman architect but it is also an indispensable resource on the little understood practice of architecture in the early and mid nineteenth century lavishly illustrated with regional photography and accessible maps a visual guide to the mediterranean city s sites and accommodations is divided into two sections that list top recommended places to visit while profiling neighborhoods of interest prefab takes a look at prefabricated housing s fascinating history and imagines its promising future by presenting a group of innovative homes and concepts from over 30 contemporary architects and designers including shigeru ban thomas sandell david hertz greg lynn and kfn

Speculative Coolness 2023-04-04

cantley s work offers a unique and critical insight into the emergence of a liminal territory that exists between the real and the virtual that mainstream architecture has yet to exploit speculative coolness surveys and collects a highly experimental architecture design praxis this book presents a selected body of his work showcasing projects which seek to understand and explore the conditions contexts and media logics which govern this new territory and to speculate on the architecture s which it might occupy and which might occupy it featuring both resolved projects and work s that are under development this anthology represents constructs that locate themselves somewhere between architecture and its documentative media the projects are presented alongside a series of critical essays written by pre eminent architectural practitioners and theorists these essays explore the disciplinary social and cultural context of the work serving to underscore the importance of these explorations to the expansion of disciplinary knowledge

Plain Modern 2005-07-14

it s been our distinct pleasure over the past few years to publish monographs on a select group of young architects and firms whose work represents the best of contemporary design thinking while retaining a distinctive regional sensibility the nova scotian architect brian mackay lyons fits neatly into this distinguished list which includes marlon blackwell in the ozarks rick joy in the southwest and miller hull in the northwest those familiar with nova scotia understand the austere beauty of this canadian landscape with its wide open skies and rugged terrain pushing up against the atlantic mackay lyons s work responds to this unique topography and to the vernacular building traditions that define its communities his houses commercial buildings and public projects combine regional forms with local materials technologies and building practices to create works that are linked to their environments right down to their dna peaked gables shed roofs and sliding doors are inspired by local barn types corrugated metal cladding comes from the buildings used by the areas fishing industry structural wooden frames are based on local ship building traditions these elements communicate a sense of place that is sophisticated accessible and free of sentimentality novelist and historian malcolm quantrill weaves together an intimate portrait of mackay lyons and his work elucidating the peculiar regionality of his subject s architecture a new voices monograph published with the graham foundation

Structures for Architects 2014-09-19

demand from building control officials for structural calculations even for very simple projects means that today s architects must have a thorough understanding of everyday structural concepts structures for architects satisfies the need for a basic introduction to the structural problems encountered by the architect surveyor and builder this third edition reflects advances in recent techniques and refers to current building regulations and codes of practice students of architecture building and surveying at degree diploma or professional rics cio b examination level will find this book a valuable course text professionals in these fields who must perform structural calculations to satisfy building control authorities will also find it a useful handbook

Good Deeds, Good Design 2004

explores new thoughts and practices in the movement toward an architecture that serves everyone including the poor

Ghost 2008-05-15

architecture is a social art if the practice of architecture is the art of what you can make happen then i believe that you are only as good as your bullpenthe builders the engineers the artisans the colleagues the staff who collaborate with you those who become possessed by the same urge to build by the same belief that we are working on something exceptional together brian mackay lyons

for two weeks each summer architect brian mackay lyons uses his family farm on the east coast of nova scotia for a special event among the stone ruins of a village almost four hundred years old he assembles a community of architects professors and students for a design build internship and educational initiative called ghost research lab the two week project one week of design and one week of construction rests on the idea that architecture is not only about building but also about the landscape its history and the community based on the apprenticeship environment of ancient guilds where architectural knowledge was transferred through direct experience ghost redefines the architect as a builder who cultivates and contributes to the quality of the native landscape published to celebrate the event's tenth anniversary ghost offers a thorough documentation of the past decade's design build events including drawings models and final photographs of completed structures organized chronologically and interwoven with mackay lyons's simple and accessible personal narratives ghost also features essays by some of the most eminent figures in architectural criticism including christine macy brian carter karl habermann robert ivy kenneth frampton thomas fisher juhani pallasmaa peter buchanan and robert mcarter in an architectural climate full of trends and egos ghost is the rare manifesto that does not preach but rather inspires quietly with simple ideas that unexpectedly unsettle and arouse

Stacking the Deck 2009-12-15

written by the holder of several guinness world records for card stacking this is the first complete fully illustrated guide to the art of building mind boggling multilevel structures with ordinary playing cards in *Stacking the Deck* bryan berg reveals the secret to successful card stacking with his simple four card cell structure and expanded grid techniques using illustrations and step by step instructions he guides readers on to more elaborate and incredibly strong creations he covers a wide range of architectural styles from classic to whimsical and various types of structures including pyramids shrines stadiums churches an oil derrick and even the empire state building since first setting the height record in 1992 bryan's built awe inspiring card models of a japanese shrine the iowa state capitol building ebets field and his latest tower which is more than twenty five feet tall this book includes photographs of some of these amazing pieces illustrating just how appealing and enduring a house of cards can be *Stacking the Deck* will inspire everyone from youngsters experimenting with their first deck of cards to adults who can create their own private skyscrapers once you've read *Stacking the Deck* you'll never look at a deck of cards the same way again

Design in Mind 1994

Design in Mind is based upon interviews with eleven well known but quite different architects the resulting case studies illustrate their works and their design processes which are interpreted compared and commented upon by bryan lawson using the models in how designers think his earlier successful text a particular feature of the book is the inclusion of original design drawings by the eleven architects there are many monographs published on individual architects but this book provides an alternative approach in investigating the main issues in the thought process behind a designer's work a number of key themes that arise out of the interviews are discussed by bryan lawson in the final chapter

Local Architecture 2014-12-16

in architecture as in food local is an idea whose time has come of course the idea of an architecture that responds to site draws on local building traditions materials and crafts and strives to create a sense of community is not recent yet the way it has evolved in the past few years in the hands of some of the world's most accomplished architects is indeed defining a new movement from the rammed earth houses of rick joy and pacific northwest timber houses of tom kundig to the community built structures of rural studio and francis kéré designers everywhere are championing an architecture that exists from in and for a specific place the stunning projects presented here in the first book to examine this global shift were featured at the thirteenth and final ghost conference

held in 2011 organized by nova scotia architect educator and local practitioner brian mackay lyons the result is the most complete collection of contemporary regionalist architecture available with essays by early proponents of the movement including kenneth frampton juhani pallasmaa and pritzker prize winning architect glenn murcutt

Benjamin for Architects 2010-12-10

walter benjamin has become a decisive reference point for a whole range of critical disciplines as he constructed a unique and provocative synthesis of aesthetics politics and philosophy examining benjamin s contributions to cultural criticism in relation to the works of max ernst adolf loos le corbusier and sigfried giedion this book also situates benjamin s work within more recent developments in architecture and urbanism this is a concise coherent account of the relevance of walter benjamin s writings to architects locating benjamin s critical work within the context of contemporary architecture and urbanism

Mechudzu 2011-08-10

lavishly illustrated this volume documents the work of californian architect bryan cantley and his firm form ula located in los angeles the visual material is complemented by essays celebrating his oeuvre by leading experts including aaron betsky

How Designers Think 2014-05-15

how designers think the designing process demystified second edition provides a comprehensive discussion of the psychology of the design process the book is comprised of 15 chapters that are organized into three parts the text first discusses the fundamentals of the concept of designer designing and design the second part deals with design problems including its components model and solutions the last part covers the cognitive aspect of designing the coverage of this part includes the philosophes strategies and tactics of design the book will be of great interest to both students and instructors of architecture planning and industrial and interior design

Brian MacKay-Lyons 2000

including an abundance of black and white drawings and photographs this book looks at the regionalist approach of architect lyons as exemplified by 16 selected projects from 1986 to 1997 ranging from rural cottages and homes to urban houses and institutional buildings each project entry includes

Design Expertise 2013-10-11

design expertise explores what it takes to become an expert designer it examines the perception of expertise in design and asks what knowledge skills attributes and experiences are necessary in order to design well bryan lawson and kees dorst develop a new model of design expertise and show how design expertise can be developed this book is designed for all students teachers practitioners and researchers in architecture and design to enable all readers to explore the book in a flexible way the authors words are always found on the left hand page on the right are diagrams illustrations and the voices of designers teachers and students and occasionally others too design expertise provides a provocative new reading on the nature of design and creative thought

Robert Mills 2001-11

perhaps most interesting is the range of buildings and machines that mills designed from monuments and local courthouses to prisons and churches bridges and canals to rotary piston engines and fireproof masonry vaults all during a revolutionary era of building technology in

america

Cultural Influences on Architecture 2016-10-19

a society's culture is a contributing factor to the structure and design of its architecture as contemporary globalism brings about the evolution of the world architectural style evolves along with it which can be observed on an international scale cultural influences on architecture is a pivotal reference source for the latest research on the impact of culture on architecture through the aspects of planning and production and highlights the importance of communicative dimension in design featuring exhaustive coverage on a variety of relevant perspectives and topics such as the evolution of construction systems benefits of nature based architecture and fundamentals of social capital this publication is ideally designed for researchers scholars and students seeking current research on the connection between culture and architecture on a global level

Robert Mills, Architect 1989

this work offers a look at the construction and renovation of south carolina's most important government structure the state house prompted to research the building by its restoration between 1995 and 1998 the author witnessed every stage of excavation demolition and rebuilding

Creating the South Carolina State House 1998

being a professional designer is one of the most intellectually rewarding careers learning to become a designer can be tremendous fun but it can also be frustrating and at times painful what you have to do to become a designer is not often clearly laid out and can seem mysterious over the past 50 years or so we have discovered a great deal about how designers think this book relies upon that knowledge but presents it in a way specifically intended to help the student and perhaps the teacher bryan lawson's classic book how designers think has been in print since 1980 and has gone through four editions to keep it up to date this book can be seen as a companion volume for the design student

The Design Student's Journey 2018-12-07

it's been our distinct pleasure over the past few years to publish monographs on a select group of young architects and firms whose work represents the best of contemporary design thinking while retaining a distinctive regional sensibility the nova scotian architect brian mackay lyons fits neatly into this distinguished list which includes marlon blackwell in the ozarks rick joy in the southwest and miller hull in the northwest those familiar with nova scotia understand the austere beauty of this canadian landscape with its wide open skies and rugged terrain pushing up against the atlantic mackay lyons's work responds to this unique topography and to the vernacular building traditions that define its communities his houses commercial buildings and public projects combine regional forms with local materials technologies and building practices to create works that are linked to their environments right down to their dna peaked gables shed roofs and sliding doors are inspired by local barn types corrugated metal cladding comes from the buildings used by the area's fishing industry structural wooden frames are based on local ship building traditions these elements communicate a sense of place that is sophisticated accessible and free of sentimentality novelist and historian malcolm quantrill weaves together an intimate portrait of mackay lyons and his work elucidating the peculiar regionality of his subject's architecture a new voices monograph published with the graham foundation

Plain Modern 2008-09

mechudzu is a book which represents questions not answers the work of bryan cantley and his firm form ula based in los angeles is intended to be confounding a practice that is a theory a theory of practice practice as theory cantley's work is part of the permanent collection of the san francisco

museum of modern art other exhibits of note include a featured exhibition at the form zero bookstore gallery in los angeles and solo exhibitions enantiomorph inversion factor at the architecture gallery at cal poly pomona and wool and h2o at the ucla school of architecture this book documents cantley s work lavishly illustrated and combined with congenial essays by acknowledged experts as there are aaron betsky dora epstein jones ruth keffer wes jones doug jackson and neil spiller

Mechudzu: New Rhetorics for Architecture 2011-08-29

this unique guide provides a systematic overview of the idea of architectural space bryan lawson provides an ideal introduction to the topic breaking down the complex and abstract terms used by many design theoreticians when writing about architectural space instead our everyday knowledge is reintroduced to the language of design design values of space are challenged and informed to stimulate a new theoretical and practical approach to design this book views architectural and urban spaces as psychological social and partly cultural phenomena they accommodate separate structure facilitate heighten and even celebrate human spatial behaviour

The Language of Space 2001

contemporary architecture of theme based design is examined in this book leading to a new understanding of architecture s role in the increasingly diversified consumer environment it explores the experience economy to reveal how everyday environments strategically and opportunistically blur our leisure work and personal life experiences considering scientific design research consumer psychology and hollywood story telling techniques the book looks at how the design of theme parks casinos and shopping malls has influenced our more unexpectedly themed spaces from the city to the hospital widely taking architecture as a social practice this text is of relevance to all cultural and sociological studies in the built and material environment

Making Leisure Work 2013-09-13

public interest design practice guidebook seed methodology case studies and critical issues is the first book to demonstrate that public interest design has emerged as a distinct profession it provides clear professional standards of practice following seed social economic environmental design methodology the first step by step process supporting public interest designers the book features an issues index composed of ninety critical social economic and environmental issues illustrated with thirty case study projects representing eighteen countries and four continents all cross referenced to show you how every human issue is a design issue contributions from thomas fisher heather fleming and david kaisel michael cohen michael p murphy jr and alan ricks and over twenty others cover topics such as professional responsibility public interest design business development design evaluation and capacity building through scaling along with many more themes including public participation issue based design and assessment are referenced throughout the book and provide benchmarks toward an informed practice this comprehensive manual also contains a glossary an appendix of engagement methods a case study locator atlas and a reading list whether you are working in the field of architecture urban planning industrial design landscape architecture or communication design this book empowers you to create community centered environments products and systems

Public Interest Design Practice Guidebook 2015-04-24

ten projects presented with text and b w photographs and drawings reveal how architect barry johns has played a role in the transformation of the canadian prairie and how his designs are drawn from a search for harmony with the land culture and institutions of this region the foreword by editor brian carter u of michigan and essays by essay

Barry Johns Architects 2000

published by the tuns press faculty of architecture technical university of nova scotia box 1000 halifax nova scotia canada b3j 2x4 showcases the work of patkau architects of vancouver british columbia using photos drawings and text to document ten of patkau s most significant projects annotation copyright by book news inc portland or

Patkau Architects 1994

easily the largest milestone for anyone in the architecture industry is passing the architectural registration exams and earning their license yet a very large percentage of people never finish their exams or may begin but never finish why because these exams are easily the most difficult portion of anyone s career while there is no denying the difficulty in these exams they can be conquered architect bryan toepfer explains the strategy that he and many others that he has coached used to finish all of the architectural registration exams in less than six months he will also share the difficulties and pitfalls that many fall victim to when taking their exams and how you can avoid them to ensure your success who should you talk with about these exams what is the best strategy to finish quickly when should you be scheduling your exams where are the best resources for your studying why is it necessary to become licensed now how do you stay focused and motivated for six months

Ideals Then Ideas 2021-02-15

brian edwards and a team of expert contributors set out the important sustainable principles in the practice of architecture the second edition outlines the full impact of environmental laws for architects especially those which derive from europe this second edition has six new chapters including photovoltaics and new sections on water conservation and sustainable construction it has been updated in line with the changes in european environmental law there are also many more built examples which are fully illustrated a wider range of case studies targeted to the chapter themes is also included brian edwards is professor of architecture at the university of huddersfield he is also a member of the riba s environment and energy committee and advisor to kirklees council on agenda 21 an expert team of contributors provide an authoritative guide to sustainable design and the law comprehensive range of case studies illustrate all aspects of the architect s responsibilities

Six Months Now, ARCHITECT for Life 2020-07-05

this first monograph by new york based young projects demonstrates a new approach to spatial design that embraces ambiguity at the intersections of form type and material this monograph introduces the cutting edge research and work of young projects founded by bryan young where materiality structure and form intersect to generate new architectural typologies the book presents a selection of the practice s most relevant projects five innovative houses completed between 2015 and 2020 as well as less in depth looks at other projects that define the practice each house serves as a chapter through which young projects broader body of work is explored across scales illustrated through a rich landscape of drawings diagrams renderings mock ups prototypes and photography the through line connecting all chapters is the studio s interest in using ambiguity and anomaly to create novel and accessible spaces whether for high profile clients or a new resort in st kitts young projects seeks to draw users into immersive spatial experiences that unfold over time in a manner that is familiar but subtly foreign this quality of allure is a result of a unique and experimental approach to materiality and spatial legibility these are the threads that tie the work together and have set young projects apart as an emerging practice as well as inform the larger scale projects the studio undertakes as it enters its second decade young projects process often begins with simple exercises in making form finding experiments they undertake within their brooklyn studio material research has included hand pulling plaster with an irregular knife using furniture foam as a casting bed and forming concrete with palm stems these experiments among

many others mine characteristics that are not typically associated with conventional architectural materials and break traditional methodology allowing for qualities of randomness and spontaneity to enter the process of making the studio finds that letting go of control at the right moments produces results that are often surprising entirely bespoke and resist replication

Sustainable Architecture 1999

fragments of wilderness city reviews the work of renowned architect brian avery avery associates architects have worked in close collaboration with a diverse range of clients including universities commercial developers government organisations and charitable trusts fragments of wilderness city presents perspectives from academics and architecture historians exploring projects in india and the middle east major cultural commissions such as the imax cinemas in london and dubai the national film theatre the museum of the moving image london transport museum and the royal academy of the dramatic arts headquarters in bloomsbury london masterplanning work for oxford street in london the horniman museum and the avenue of the emirates in abu dhabi alongside profiles of their innovative work in product design and within the workplace is an essay by director bryan avery providing insights into his notion of the sustainable wilderness city this manifesto sets out a vision of an accountable architectural and planning approach to the contemporary city situated in a natural landscape and taking on board references to both the walled cities of the medieval period and the self contained urban environments of the twentieth century new towns fully illustrated with photographs plans and technical and conceptual drawings this volume will appeal to all those interested in architectural innovation at every scale from planning to design to sustainable developments

Young Projects 2022-06-14

public interest design education guidebook curricula strategies and seed academic case studies presents the pedagogical framework and collective curriculum necessary to teach public interest designers the second book in routledge s public interest design guidebook series the editors and contributors feature a range of learning competencies supported by distinct teaching strategies where educational and community originated goals unite written in a guidebook format that includes projects from across design disciplines this book describes the learning deemed most critical to pursuing an inclusive informed design practice that meets the diverse needs of both students and community partners featured chapter themes include fundamental skills intercultural competencies engaging the field experience inclusive iteration and evaluating student learning the book consists of practice based and applied learning constructs that bridge community based research with engaged learning and design practice seed social economic environmental design academic case studies introduce teaching strategies that reinforce project specific learning objectives where solving social economic and environmental issues unites the efforts of communities student designers and educators this comprehensive publication also contains indices devoted to learning objectives cross referenced from within the book as well as considerations for educational program development in public interest design whether you are a student of design an educator or a designer the breadth of projects and teaching strategies provided here will empower you to excel in your pursuit of public interest design

Fragments of Wilderness City 2011

for more than a decade architects and students at the university of washington have been working with squatter communities in mexico migrant laborers in eastern washington and indian reservations of the inland west as well as communities in cuba india and africa to provide housing schools clinics and other vital structures led by sergio palleroni these pioneering design build programs have combined innovative architectural training with cross cultural immersion social activism and environmental science using design skills and hands on construction projects to confront poverty and urgent social problems one building at a time studio at large documents the international and regional community studios organized by palleroni and his colleagues typically

held in intensive ten week builds in marginalized communities involving community members and students these studios promote maximum use of recycled or inexpensive locally available materials as well as lighting and energy systems that reduce utility costs and promote resource conservation they serve as models for making architectural education relevant to urgent social problems helping communities mobilize indigenous resources and social capital to develop creative problem solving skills and long term sustainable practices that protect rather than erode cultural identity dignity and stability by linking sustainable design to active community participation by demonstrating the interdependence between the way the first and third worlds live and by making the whole process into a pedagogical experience these design build programs bring home the lessons of global interdependence in a vivid and durable way

Public Interest Design Education Guidebook 2018-08-06

brian hanson examines how the authority of architects was created within the changing working practices of eighteenth and nineteenth century british architecture incorporating new methods he compares diverse figures such as chambers soane barry pugin scott and street and provides a new context for ruskin s arguments about the nature of gothic he demonstrates how ruskin is closer to the classical tradition represented by chambers than the arts and crafts movement of webb and morris which he supposedly inspired

Studio at Large 2004

documents the ideas and work of barry sampson architect and professor this book documents the ideas and work of notable canadian architect barry sampson who was a professor of architecture at the university of toronto for nearly thirty years and an instrumental part of the evolution of baird sampson neuert a significant critical practice in toronto the book investigates key ideas identified in sampson s 2019 baird lecture at the university of toronto documents three projects illustrative of sampson s approach to design and collects reflections on sampson s diverse roles in architecture as a teacher practitioner advocate environmentalist mentor client and builder

Architects and the 'Building World' from Chambers to Ruskin 2003-10-13

sustainability is a key issue as governments worldwide come under pressure to deliver a healthier environment they are starting to legislate for architects to produce greener design this title will provide a vital overview for those looking for an introduction to green architecture on an international level as well as including projects the title will provide an essential outline of the green movement and the influence of key practitioners and thinkers upon architectural practice worldwide

Structures for Architects 1995

in 1999 historians at the virginia historical society acquired three curiously bound volumes of drawings and documents created between 1821 and 1858 by a long and unjustifiably forgotten architect named thomas r blackburn inspection revealed that these were in fact no ordinary documents but a unique window onto the life of a distinguished builder and his revered master thomas jefferson in these extraordinary books we find blackburn at first a young carpenter engaged in the construction of jefferson s famed academical village at the university of virginia he simultaneously embarked on an ambitious program of architectural study guided it appears by jefferson himself the drawings he executed in the four decades that followed extraordinary ink and watercolor explorations of his many residential and civic commissions bear witness to his emergence as a mature and prolific architect in his own right in jefferson s shadow is a unique document of the relationship between an unknown but highly skilled country builder and the american statesman widely considered this nation s first gentleman architect but it is also an indispensable resource on the little understood practice of architecture in the early and mid

nineteenth century

The Golden City 1993

lavishly illustrated with regional photography and accessible maps a visual guide to the mediterranean city s sites and accommodations is divided into two sections that list top recommended places to visit while profiling neighborhoods of interest

Barry Sampson 2021-10-06

prefab takes a look at prefabricated housing s fascinating history and imagines its promising future by presenting a group of innovative homes and concepts from over 30 contemporary architects and designers including shigeru ban thomas sandell david hertz greg lynn and kfn

Green Architecture 2001-09-05

In Jefferson's Shadow 2006-11-03

Joseph Gandy 2006

Prefab 2002

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