

Support I Materialise Columns Walls Floors Scale

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DYER ARROYO

The Architectural

Review Springer Nature
This ground-breaking political history of the two Irish States provides unique new insights into the 'Troubles' and the peace process. It examines the impact of the fraught dynamics between the competing identities of the Nationalist-Catholic-Irish Community on the one hand and the Unionist-Protestant-British community on the other.

Second RILEM

International Conference on Concrete and Digital Fabrication CRC Press
Wall, support, ceiling, and roof make up the skeleton of nearly every building.

This fourth volume in the series 'SCALE, Support and Materialize', takes an in-depth look at these load-bearing structures, covering the development and realization of appropriate constructions from idea and design intention all the way to constructional implementation. Following the traditional building methods of massive, cross-wall, and skeleton construction, it points the way toward a material-appropriate constructional approach to these defining structural elements - wall, support, ceiling, and roof. Special attention is given to how constructional and technical considerations can be harmonized with spatial and formal commitments. The load-bearing elements are organized, described, and

explored in detail from a material as well as a formal and constructional perspective. Their practical implementation is illustrated by a series of international examples.

The Architects' Journal

Flatiron Books
A plain-English guide to Britons in battle, from the Roman invasion to the ongoing Iraqi war
Charging through the Britain's military past, this accessible guide brings to life the battles and wars that shaped the history of Britain-and the world. The book profiles commanders, explains strategies and tactics, and covers key developments in weaponry and technology.

[Journal of the Institution of Municipal and County Engineers](#) Lulu.com

"The MOST IMPORTANT BOOK I imagine I'll ever

read.”—Mary Roach FROM AN AWARD-WINNING SCIENCE JOURNALIST comes an urgent investigation of environmental migration—the most underreported, seismic consequence of our climate crisis that will force us to change where—and how—we live. “An IMPORTANT and PROVOCATIVE start to a crucial conversation.” —Bill McKibben “We are facing a species emergency. We can survive, but to do so will require a planned and deliberate migration of a kind humanity has never before undertaken. This is the biggest human crisis you’ve never heard of.” Drought-hit regions bleeding those for whom a rural life has become untenable. Coastlines diminishing year on year. Wildfires and hurricanes leaving widening swaths of destruction. The culprit, most of us accept, is climate change, but not enough of us are confronting one of its biggest, and most present, consequences: a total reshaping of the earth’s human geography. As Gaia Vince points out early in *Nomad Century*, global migration has doubled in the past decade, on track to see

literal billions displaced in the coming decades. What exactly is happening, Vince asks? And how will this new great migration reshape us all? In this deeply-reported clarion call, Vince draws on a career of environmental reporting and over two years of travel to the front lines of climate migration across the globe, to tell us how the changes already in play will transform our food, our cities, our politics, and much more. Her findings are answers we all need, now more than ever.

International Construction Birkhauser Flexible housing is housing that can adjust to the changing needs of the user and accommodate new technologies as they emerge. *Flexible Housing* by Jeremy Till and Tatjana Schneider examines the past, present and future of this important subject through over 160 international examples. Specially commissioned plans, printed to scale, together with over 200 illustrations and diagrams provide fascinating detail and allow direct visual comparisons to be made. Combining history, theory and design the book explains the social and economic benefits that

can be achieved and shows the various ways it has been and can be delivered. The book ends with an accessible guide to how flexible housing might be designed and constructed today to achieve adaptable and ultimately sustainable buildings. Housing designers, housing managers and students of architecture, construction and housing will find this book of immense value both as a comprehensive reference and design manual.

Evangelical Catholicism
Birkhäuser

Consists of articles originally published 1988- in the Architects' journal.

Historic Ulster Churches
Birkhäuser

Innovation durch Reduktion Wie kann Architektur mit baulichen Mitteln und möglichst geringer Technik ein angenehmes Raumklima erzeugen? Forschende aus vier Lehrgebieten der TU München haben gemeinsam mit Transsolar Energietechnik in einem Projekt integrale Strategien für energieeffizientes, einfaches Bauen untersucht. Die entwickelten Maßnahmen konnte das Büro Florian Nagler Architekten an drei Forschungshäusern aus

Massivholz, Mauerwerk und Leichtbeton in monolithischer Bauweise umsetzen: Anhand dieser exemplarischen Wohngebäude erklärt der Leitfaden anschaulich die sechs Prinzipien des einfachen Bauens.

Exemplarische Analyse von drei Wohnhäusern
Monolithische Bauweisen in Holz, Leichtbeton und Mauerwerk
Resultate eines interdisziplinären Forschungsprojekts der TU München
Auch auf Englisch erhältlich

Flexible Housing John Wiley & Sons

This book gathers peer-reviewed contributions presented at the 2nd RILEM International Conference on Concrete and Digital Fabrication (Digital Concrete), held online and hosted by the Eindhoven University of Technology, the Netherlands from 6-9 July 2020. Focusing on additive and automated manufacturing technologies for the fabrication of cementitious construction materials, such as 3D concrete printing, powder bed printing, and shotcrete 3D printing, the papers highlight the latest findings in this fast-growing field, addressing topics like mixture design, admixtures, rheology and

fresh-state behavior, alternative materials, microstructure, cold joints & interfaces, mechanical performance, reinforcement, structural engineering, durability and sustainability, automation and industrialization.

Nomad Century IOS Press

Reliability is one of the most important attributes for the products and processes of any company or organization. This important work provides a powerful framework of domain-independent reliability improvement and risk reducing methods which can greatly lower risk in any area of human activity. It reviews existing methods for risk reduction that can be classified as domain-independent and introduces the following new domain-independent reliability improvement and risk reduction methods: Separation Stochastic separation Introducing deliberate weaknesses Segmentation Self-reinforcement Inversion Reducing the rate of accumulation of damage Permutation Substitution Limiting the space and time exposure Comparative reliability models The domain-

independent methods for reliability improvement and risk reduction do not depend on the availability of past failure data, domain-specific expertise or knowledge of the failure mechanisms underlying the failure modes. Through numerous examples and case studies, this invaluable guide shows that many of the new domain-independent methods improve reliability at no extra cost or at a low cost. Using the proven methods in this book, any company and organisation can greatly enhance the reliability of its products and operations.

Open/close Dufour Editions

"In this first volume in the SCALE series, 'Open / Close', a simple yet significant part of any building - the "opening" - is illustrated in all its different aspects, from idea to implementation. As well as the different types of component-windows, doors, gates, loggias, filters-this volume deals with building structures. It is also concerned with the significance of the "opening in building design. Openings define the relationship between a building and the space

outside it, helping to characterize a location. In this book, all of the elements that mediate between interior and exterior spaces are classified both in terms of construction and design. Each of them is described and dealt with in detail. All the internationally renowned projects used here as examples are both practical and generally applicable. The projects have not been chosen for their homogeneous architectural language, but for the high quality of their architecture." --Book Jacket.

British Military History For Dummies Springer

This book examines how the different denominations have chosen to build churches, appropriate to their needs (and resources) and forms of service from the medieval period to the present day.

Proceedings Routledge

Most startups fail. But many of those failures are preventable. The Lean Startup is a new approach being adopted across the globe, changing the way companies are built and new products are launched. Eric Ries defines a startup as an organization dedicated to creating something new

under conditions of extreme uncertainty. This is just as true for one person in a garage or a group of seasoned professionals in a Fortune 500 boardroom. What they have in common is a mission to penetrate that fog of uncertainty to discover a successful path to a sustainable business. The Lean Startup approach fosters companies that are both more capital efficient and that leverage human creativity more effectively. Inspired by lessons from lean manufacturing, it relies on "validated learning," rapid scientific experimentation, as well as a number of counter-intuitive practices that shorten product development cycles, measure actual progress without resorting to vanity metrics, and learn what customers really want. It enables a company to shift directions with agility, altering plans inch by inch, minute by minute. Rather than wasting time creating elaborate business plans, The Lean Startup offers entrepreneurs—in companies of all sizes—a way to test their vision continuously, to adapt and adjust before it's too late. Ries provides a

scientific approach to creating and managing successful startups in an age when companies need to innovate more than ever.

The Northern Question

Birkhäuser Verlag AG

A history of the UK's regional inequalities, and why they matter
Differences between England's North and South continue to shape national politics, from attitudes to Brexit and the electoral collapse of Labour's 'Red Wall' to Whitehall's experimentation with regional pandemic lockdowns. Why is this fault line such a persistent feature of the English landscape? The Northern Question is a history of England seen in the unfamiliar light of a northern perspective. While London is the capital and the centre for trade and finance, the proclaimed leader of the nation, northern England has always seemed like a different country. In the nineteenth century its industrializing society appeared set to bring a political revolution down upon Westminster and the City. Tom Hazeldine recounts how subsequent governments put finance before manufacturing, London ahead of the

regions, and austerity before reconstruction.

Journal of the Royal Institute of British Architects Verso Books

"Estoy interesado en cómo hacemos la transición como personas de una fase de la vida a otra, y como culturas de un período histórico a otro. Las transiciones son a menudo difíciles, tal vez incluso atemorizantes." Con esta presentación, podemos imaginar que el trabajo del arquitecto artista Jorge Otero-Pailos será diferente, especialmente respecto a cómo entendemos el paso del tiempo de la arquitectura en la historia. "The Ethics of Dust" evidencia la limpieza del polvo y los residuos de contaminados edificios y monumentos históricos. Haciendo visible lo invisible.

The Mechanical World

Walter de Gruyter

The Catholic Church is on the threshold of a bold new era in its two-thousand year history. As the curtain comes down on the Church defined by the 16th-century Counter-Reformation, the curtain is rising on the Evangelical Catholicism of the third millennium: a way of being Catholic that comes from over a

century of Catholic reform; a mission-centered renewal honed by the Second Vatican Council and given compelling expression by Blessed John Paul II and Pope Benedict XVI. The Gospel-centered Evangelical Catholicism of the future will send all the people of the Church into mission territory every day -- a territory increasingly defined in the West by spiritual boredom and aggressive secularism. Confronting both these cultural challenges and the shadows cast by recent Catholic history, Evangelical Catholicism unapologetically proclaims the Gospel of Jesus Christ as the truth of the world. It also molds disciples who witness to faith, hope, and love by the quality of their lives and the nobility of their aspirations. Thus the Catholicism of the 21st century and beyond will be a culture-forming counterculture, offering all men and women of good will a deeply humane alternative to the soul-stifling self-absorption of postmodernity. Drawing on thirty years of experience throughout the Catholic world, from its humblest parishes to its highest levels of

authority, George Weigel proposes a deepening of faith-based and mission-driven Catholic reform that touches every facet of Catholic life -- from the episcopate and the papacy to the priesthood and the consecrated life; from the renewal of the lay vocation in the world to the redefinition of the Church's engagement with public life; from the liturgy to the Church's intellectual life. Lay Catholics and clergy alike should welcome the challenge of this unique moment in the Church's history, Weigel urges. Mediocrity is not an option, and all Catholics, no matter what their station in life, are called to live the evangelical vocation into which they were baptized: without compromise, but with the joy, courage, and confidence that comes from living this side of the Resurrection. Jorge Otero-Pailos Timber Press
Designing and constructing load-bearing building elements
Columns, walls and floors make up the skeleton of nearly every building. This third volume in the series SCALE, Support| Materialise, takes an in-depth look at these load-bearing structures,

covering the development and realization of appropriate constructions from idea and design intention all the way to constructional implementation. Following the traditional building methods of massive, cross-wall, and skeleton construction, it points the way toward a material-appropriate constructional approach to these defining structural elements – columns, walls, and floors. Special attention is given to how constructional and technical considerations can be harmonized with spatial and formal commitments. The load-bearing elements are organized, described, and explored in detail from a material as well as a formal and constructional perspective. Their practical implementation is illustrated by a series of international examples. *The Lean Startup* Dundurn Generalized hypermobility has been known since ancient times, and a clinical description of Ehlers-Danlos syndrome (EDS) is said to have first been recorded by Hippocrates in 400 BC. Hypermobility syndromes occur frequently, but the wide spectrum of possible symptoms, coupled with a relative lack of awareness

and recognition, are the reason that they are frequently not recognized, or remain undiagnosed. This book is an international, multidisciplinary guide to hypermobility syndromes, and EDS in particular. It aims to create better awareness of hypermobility syndromes among health professionals, including medical specialists, and to be a guide to the management of such syndromes for patients and practitioners. It is intended for use in daily clinical practice rather than as a reference book for research or the latest developments, and has been written to be understandable for any healthcare worker or educated patient without compromise to the scientific content. The book is organized as follows: chapters on classifications and genetics are followed by chapters on individual types, organ (system) manifestations and complications, and finally ethics and therapeutic strategies, with an appendix on surgery and the precautions which should attend it. A special effort has been made to take account of the perspective of the patient;

two of the editors have EDS. The book will be of interest to patients with hypermobility syndromes and their families, as well as to all those healthcare practitioners who may encounter such syndromes in the course of their work.

Horological Journal

Currency

Introduction to building façades as revised edition
Façades determine the appearance of a building. Hence, they constitute a major element in architecture. At the same time, the building's envelope has important functions to fulfil, such as lighting, weatherproofing, thermal insulation, load transfer and sound insulation. Over the past 15 years, façades have become increasingly complex – 'intelligent' facades, for instance, adapt to changing climate and lighting conditions. Newly developed materials and technologies have broadened the scope of façade functions. This book demonstrates the principles of façade construction. It systematically describes the most common types, such as post-and-beam façade, curtain wall, corridor façade or double façade, and provides

guidelines for appropriate detailing. Numerous drawings made especially for the book explain the principles of different types of facades, which are then illustrated with built examples. For this second edition, all chapters were revised and all four examples in the case studies chapter were replaced by new material. The new chapter “Future Façades” offers insights into what’s next.

Heat - Cool Hachette UK
Here is the astonishing blow-by-blow account of how, against fearful odds, freedom-fighter Bruce led the Scots to win their greatest victory ever in the War of Independence. The trail takes us to Bruce sites in Scotland and beyond, over 70 in all, with fully detailed maps. Elaborate illustrations

help set the scene on the Bruce's story, which is one part blood and gore, two parts love and laughter. Ross proves himself a master of writing hands-on history with attitude.

Support I Materialise John Wiley & Sons

The building shell is the interface with the outside world, it offers protection and at the same time represents its owners or occupants. But what are the criteria for choosing a specific shell? Why is a particular material used on a particular undercoat? The fifth volume of the SCALE series, *Enclose | Build*, is not about the curtain, the dressing of the facade that surrounds a building, but rather on a causal level about the exterior termination of a building, the wall, the facade, which can be

made of various materials, surfaces, and achieves different design effects. It shows the conditions under which certain constructions can be employed and why; what criteria such as construction costs, issues of sustainability, of energy efficiency, of assembly or of insulation or protection against moisture can also influence the choice of a system. In addition to classical constructions, *Enclose | Build* offers a look at future developments. How will the facade evolve as an interface for information? What do viable concepts for environmentally active, energy-efficient building shells look like? *Enclose | Build* is an indispensable tool for every architect and planner.