

# BUKU BAHARU FEBRUARI 2024

PERPUSTAKAAN LINGKUNGAN KEDUA



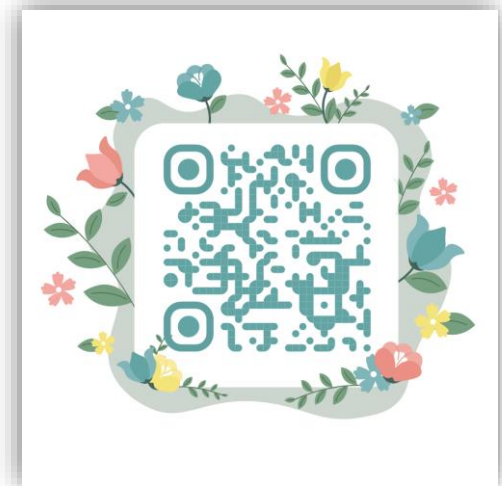
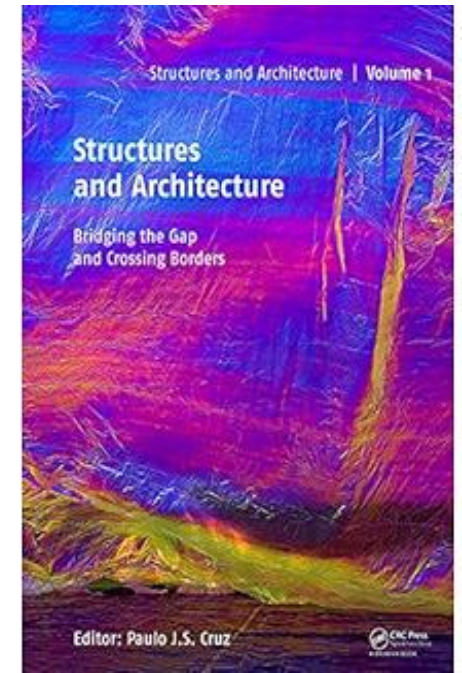
**Title** : Structures and Architecture - Bridging the Gap and Crossing Borders  
**Editor** : Paulo J.S. Cruz  
**ISBN** : 9781138035997  
**Publisher** : CRC Press  
**Year** : 2019

**Abstract:**

Structures and Architecture – Bridging the Gap and Crossing Borders contains the lectures and papers presented at the Fourth International Conference on Structures and Architecture (ICSA2019) that was held in Lisbon, Portugal, in July 2019. It also contains a multimedia device with the full texts of the lectures presented at the conference, including the 5 keynote lectures, and almost 150 selected contributions. ICSA2019 covered all major aspects of structures and architecture, including: building envelopes/façades; comprehension of complex forms; computer and experimental methods; futuristic structures; concrete and masonry structures; educating architects and structural engineers; emerging technologies; glass structures; innovative architectural and structural design; lightweight and membrane structures; special structures; steel and composite structures; structural design challenges; tall buildings; the borderline between architecture and structural engineering; the history of the relationship between architects and structural engineers; the tectonic of architectural solutions; the use of new materials; timber structures, among others.



**No. Panggilan : NA2750.S767 3**  
**Lokasi : Rak Pameran, Aras 2**  
**For more info:**  
<http://surl.li/rfmho>



**Imbas kod QR untuk semak  
status bahan**

**Title** : Planning Learning Spaces A Practical Guide for Architects, Designers, School Leaders  
**Author** : Murray Hudson, Terry White  
**ISBN** : 9781786275097  
**Publisher** : Laurence King Publishing  
**Year** : 2020

**Abstract:**

Murray Hudson and Terry White have brought together educators and innovative school architects to pool their collective expertise and inspire the design of more intelligent learning spaces. The authors prompt readers to question common assumptions about how schools should look and how children should be educated:• Why have so many schools changed relatively little in more than a century?• What form should a school library take in the Internet age?• Do classrooms really have to be square? The book also tackles vital elements of learning space design such as the right lighting, heating and acoustics, and explores the key role of furniture, fixtures, and fittings. With contributions from leading professionals around the world, including Herman Hertzberger and Sir Ken Robinson, Planning Learning Spaces is an invaluable resource for architects, interior designers, and educators hoping that their project will make a genuine difference. Highly recommended reading for anyone involved with the process of building or updating an educational space.



**No. Panggilan : LB3221.H834 3**  
**Lokasi : Rak Pameran, Aras 2**  
**For more info:**  
<http://surl.li/rhtdn>



**Imbas kod QR untuk semak  
status bahan**

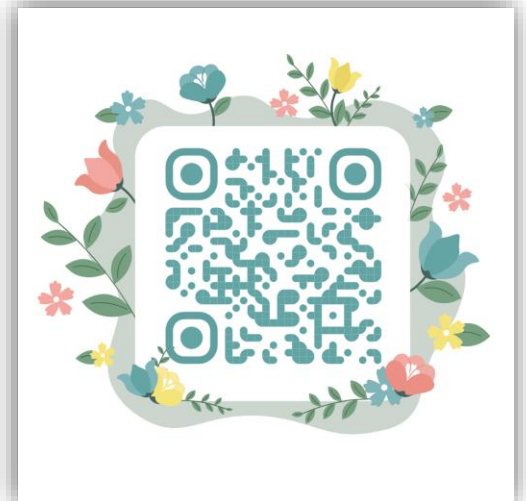
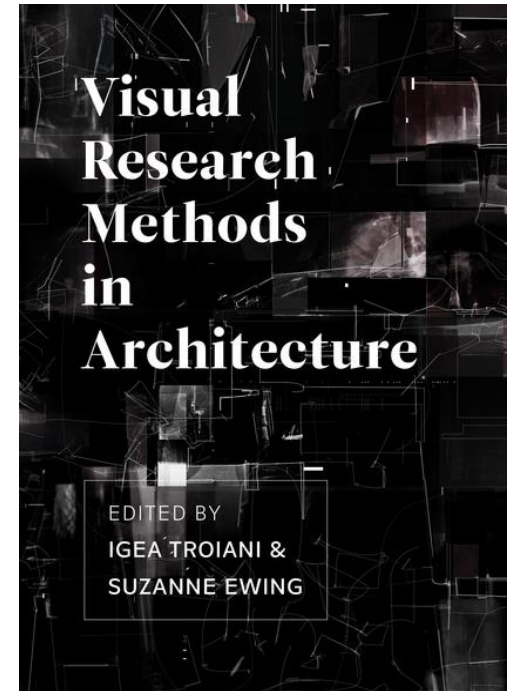
**Title** : Visual Research Methods in Architecture  
**Editors** : Igea Troiani, Suzanne Ewing  
**ISBN** : 9781789381863  
**Publisher** : Intellect  
**Year** : 2021

**Abstract:**

This book offers a distinctive approach to the use of visual methodologies for qualitative architectural research. It presents a diverse selection of ways for the architect or architectural researcher to use their gaze as part of their research practice for the purpose of visual literacy. Its contributors explore and use, "critical visualizations," which employ observation and socio-cultural critique through visual creations--texts, drawings, diagrams, paintings, visual texts, photography, film, and their hybrid forms--to research architecture, landscape design, and interior architecture. The visual methods intersect with those used in ethnography, anthropology, visual culture, and media studies. In presenting a range of interdisciplinary approaches, Visual Research Methods in Architecture opens up territory for new forms of visual architectural scholarship.



**No. Panggilan : NA2000.V537 3**  
**Lokasi : Rak Pameran, Aras 2**  
**For more info:**  
<http://surl.li/rhtfv>

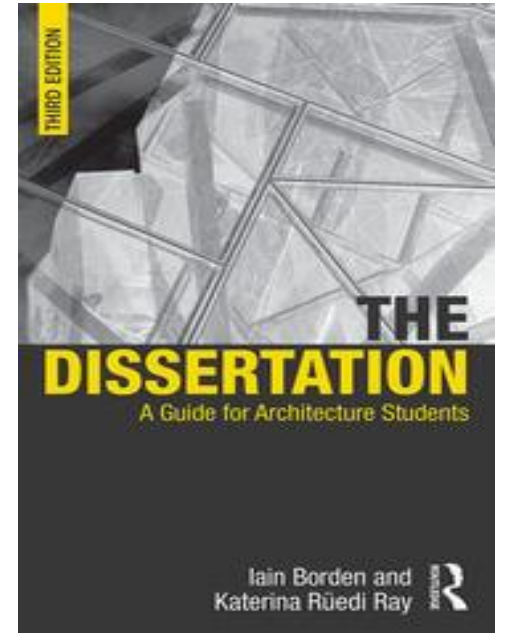


**Imbas kod QR untuk semak  
status bahan**

**Title** :The Dissertation A Guide for Architecture Students  
**Author** : Iain Borden, Katerina Ruedi Ray  
**ISBN** :9780415725361  
**Publisher** :Taylor & Francis  
**Year** :2014

**Abstract:**

The Dissertation is one of the most demanding yet potentially most stimulating components of an architectural course. This classic text provides a complete guide to what to do, how to do it, when to do it, and what the major pitfalls are. This is a comprehensive guide to all that an architecture student might need to know about undertaking the dissertation. The book provides a plain guide through the whole process of starting, writing, preparing and submitting a dissertation with minimum stress and frustration. The third edition has been revised throughout to bring the text completely up-to-date for a new generation of students. Crucially, the dissertation extracts have been completely replaced, with four complete dissertations to demonstrate and exemplify all the issues raised in the main text. These dissertations are from the UK, US, Europe and Asia and offer remarkable insight into how to get it just right.



**No. Panggilan : NA2108.B647 2014 3**  
**Lokasi : Rak Pameran, Aras 2**  
**For more info:**  
<http://surl.li/rhtjm>



*Imbas kod QR untuk semak  
status bahan*



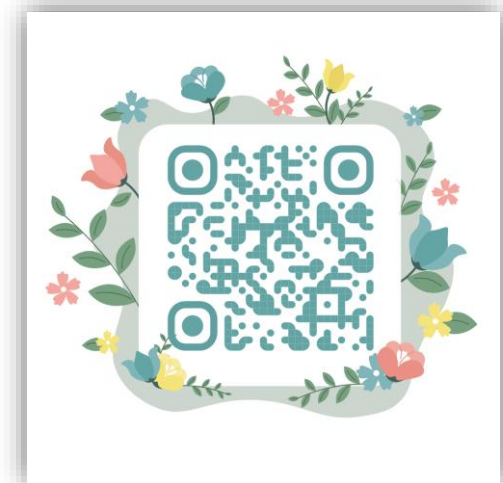
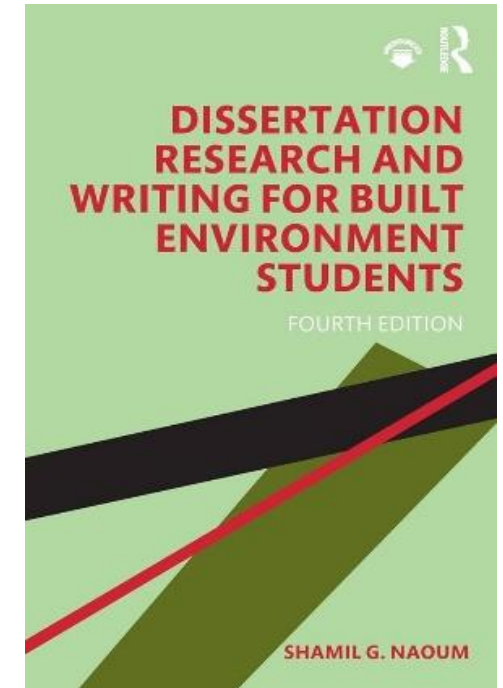
**Title** : Dissertation Research and Writing for Built Environment Students  
**Author** : Shamil G. Naoum  
**ISBN** : 9780815384632  
**Publisher** : Routledge  
**Year** : 2019

**Abstract:**

Dissertation Research and Writing for Built Environment Students is a step-by-step guide to get students through their final year research project. Trusted and developed over three previous editions, the new fourth edition shows you how to select a dissertation topic, write a proposal, conduct a literature review, select the research approach, gather the data, analyse and present the information and ultimately produce a well-written dissertation. The book simplifies dissertation research and writing into a process involving a sequence of learnable activities and divides the process into three parts. Part One covers the necessary groundwork, including: identifying the problem, writing a proposal and reviewing the literature. Part Two covers the research design and includes: approaches and techniques for data collection and constructing and sampling a questionnaire. Part Three covers: measurement of data, analysis of data with SPSS, structuring and writing the whole dissertation, and supervision and assessment. This new edition is packed with updated examples and research samples, making this the ideal resource for students involved in research in built environment subjects such as construction management, construction project management, facilities management, real estate, building surveying, quantity surveying and civil engineering.



**No. Panggilan : TH213.5.N296 2019 3**  
**Lokasi : Rak Pameran, Aras 2**  
**For more info:**  
<http://surl.li/rmmpm>



**Imbas kod QR untuk semak status bahan**

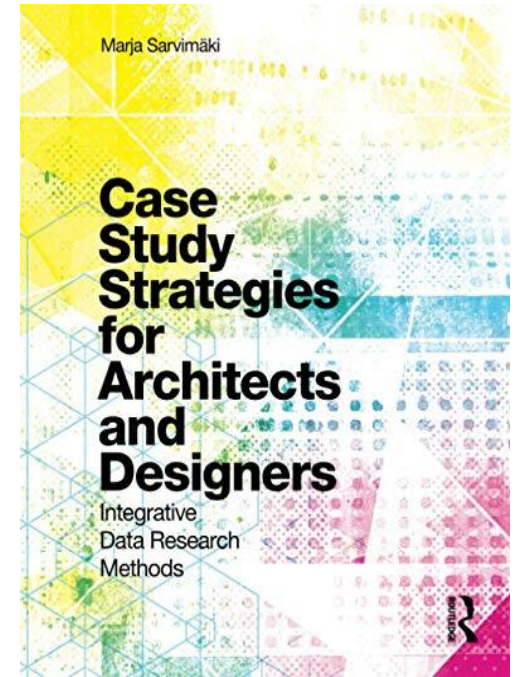
**Title** : Case Study Strategies for Architects and Designers Integrative Data Research Methods  
**Author** : Marja Sarvimaki  
**ISBN** : 9781138899674  
**Publisher** : Taylor & Francis  
**Year** : 2018

**Abstract:**

This book offers a distinctive approach to the use of visual methodologies for qualitative architectural research. It presents a diverse selection of ways for the architect or architectural researcher to use their gaze as part of their research practice for the purpose of visual literacy. Its contributors explore and use, "critical visualizations," which employ observation and socio-cultural critique through visual creations--texts, drawings, diagrams, paintings, visual texts, photography, film, and their hybrid forms--to research architecture, landscape design, and interior architecture. The visual methods intersect with those used in ethnography, anthropology, visual culture, and media studies. In presenting a range of interdisciplinary approaches, Visual Research Methods in Architecture opens up territory for new forms of visual architectural scholarship.



**No. Panggilan : NA2750.S237 3**  
**Lokasi : Rak Pameran, Aras 2**  
**For more info:**  
<http://surl.li/rhtlp>



***Imbas kod QR untuk semak status bahan***

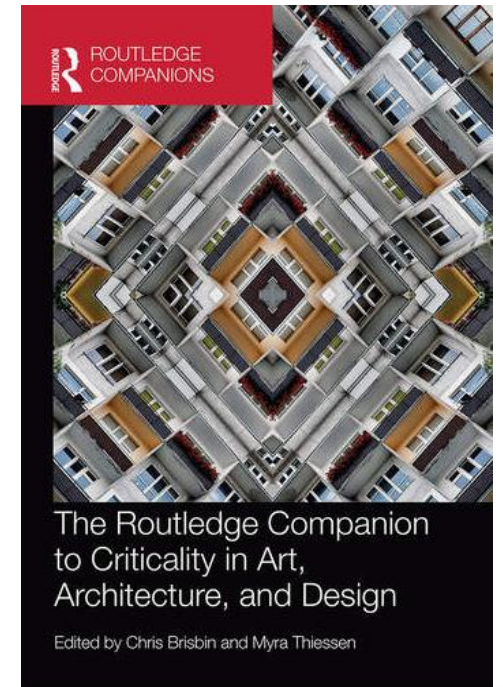
**Title** : The Routledge Companion to Criticality in Art, Architecture, and Design  
**Editors** : Chris Brisbin, Myra Thiessen  
**ISBN** : 9780367659813  
**Publisher** : Taylor & Francis  
**Year** : 2019

**Abstract:**

The Routledge Companion to Criticality in Art, Architecture, and Design presents an in-depth exploration of criticism and criticality in theory and practice across the disciplines of art, architecture, and design. Professional criticism is a vital part of understanding the cultural significance of designed objects and environments that we engage with on a daily basis, yet there is evidence to show that this practice is changing. This edited volume investigates how practitioners, researchers, educators, and professionals engage with, think about, and value the practice of critique. With contributions from a multi-disciplinary authorship from nine countries - the UK, USA, Australia, India, Netherlands, Switzerland, South Africa, Belgium, and Denmark - this companion provides a wide range of leading perspectives evaluating the landscape of criticality and how it is being shaped by technological and social advances. Illustrated with over 60 black and white images and structured into five sections, The Routledge Companion to Criticality in Art, Architecture, and Design is a comprehensive volume for researchers, educators, and students exploring the changing role of criticism through interdisciplinary perspectives.



**No. Panggilan : N7475.R648 3**  
**Lokasi : Rak Pameran, Aras 2**  
**For more info:**  
<http://surl.li/rhtpj>



**Imbas kod QR untuk semak  
status bahan**



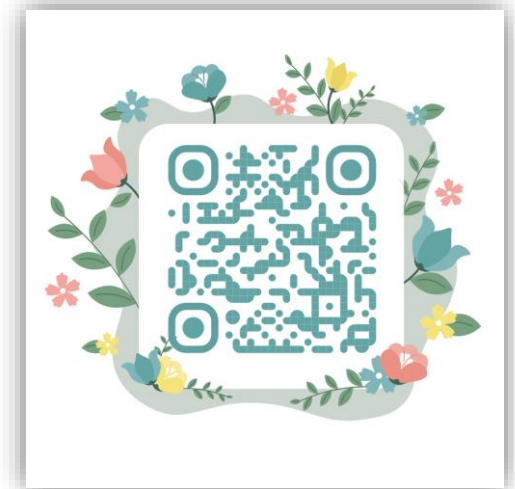
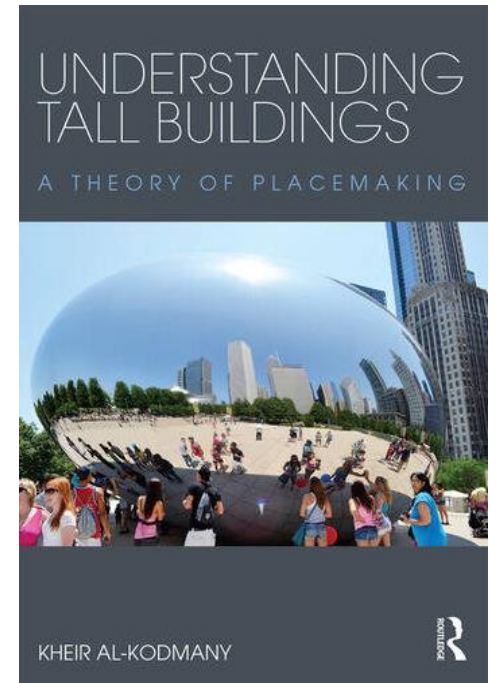
**Title** : Understanding Tall Buildings A Theory of Placemaking  
**Author** : Kheir Al-Kodmany  
**ISBN** : 9781138811423  
**Publisher** : Taylor & Francis  
**Year** : 2017

**Abstract:**

In recent years, the rapid pace of tall building construction has fostered a certain kind of placelessness, with many new tall buildings being built out of scale, context and place. By analyzing hundreds of tall buildings and by providing hundreds of visuals that inspire, stimulate and engage, Understanding Tall Buildings contends that well-designed tall buildings can rejuvenate cities, ignite economic activity, support social life and boost city pride. Although this book does not claim to possess all the solutions, it does propose specific tall building design guidelines that may help to promote placemaking. Through this work, it is the author's hope that ill-conceived developments will become less common in the future and that good placemaking will become the norm, not the exception. This book is a must-read for students and practitioners working to create better tall buildings and better urban environments.



**No. Panggilan : NA6230.A436 3**  
**Lokasi : Rak Pameran, Aras 2**  
**For more info:**  
<http://surl.li/rhtrd>



**Imbas kod QR untuk semak  
status bahan**

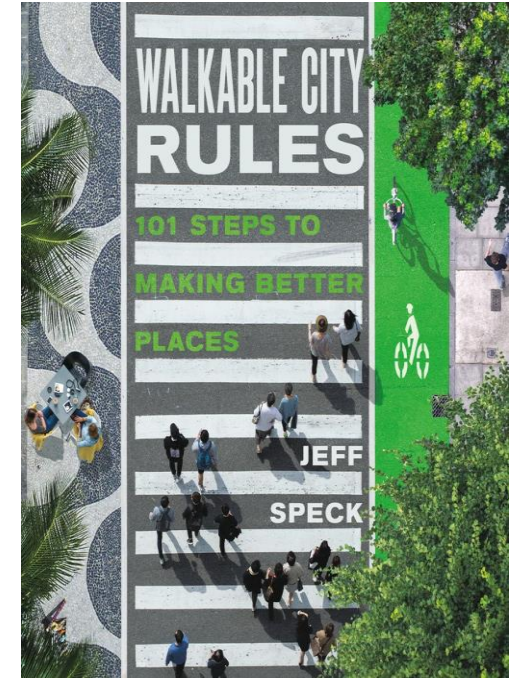
**Title** : Walkable City Rules 101 Steps to Making Better Places  
**Author** : Jeff Speck  
**ISBN** : 9781610918985  
**Publisher** : Island Press  
**Year** : 2018

**Abstract:**

Nearly every US city would like to be more walkable—for reasons of health, wealth, and the environment—yet few are taking the proper steps to get there. The goals are often clear, but the path is seldom easy. Jeff Speck's follow-up to his bestselling Walkable City is the resource that cities and citizens need to usher in an era of renewed street life. Walkable City Rules is a doer's guide to making change in cities, and making it now. The 101 rules are practical yet engaging—worded for arguments at the planning commission, illustrated for clarity, and packed with specifications as well as data. For ease of use, the rules are grouped into 19 chapters that cover everything from selling walkability, to getting the parking right, escaping automobilism, making comfortable spaces and interesting places, and doing it now! Walkable City was written to inspire; Walkable City Rules was written to enable. It is the most comprehensive tool available for bringing the latest and most effective city-planning practices to bear in your community. The content and presentation make it a force multiplier for place-makers and change-makers everywhere.



**No. Panggilan : HT175.S664 3**  
**Lokasi : Rak Pameran, Aras 2**  
**For more info:**  
<http://surl.li/rhtso>

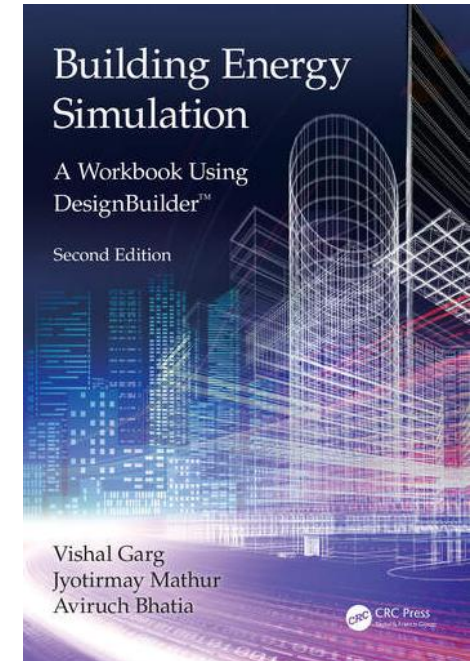


*Imbas kod QR untuk semak status bahan*

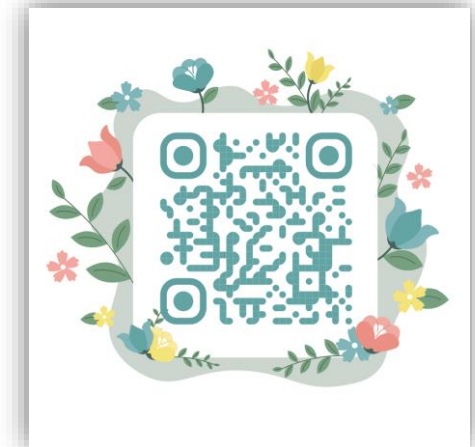
**Title** : Building Energy Simulation A Workbook Using DesignBuilder  
**Author** : Vishal Garg, Jyotirmay Mathur, Aviruch Bhatia  
**ISBN** : 9780367374686  
**Publisher** : CRC Press  
**Year** : 2020

**Abstract:**

The second edition of Building Energy Simulation includes studies of various components and systems of buildings and their effect on energy consumption, with the help of DesignBuilder™, a front-end for the EnergyPlus simulation engine, supported by examples and exercises. The book employs a "learning by doing" methodology. It explains simulation-input parameters and how-to-do analysis of the simulation output, in the process explaining building physics and energy simulation. Divided into three sections, it covers the fundamentals of energy simulation followed by advanced topics in energy simulation and simulation for compliance with building codes and detailed case studies for comprehensive building energy simulation.



**No. Panggilan : TJ163.5.84G34 2020 3**  
**Lokasi : Rak Pameran, Aras 2**  
**For more info:**  
<http://surl.li/rhtvk>



**Imbas kod QR untuk semak  
status bahan**

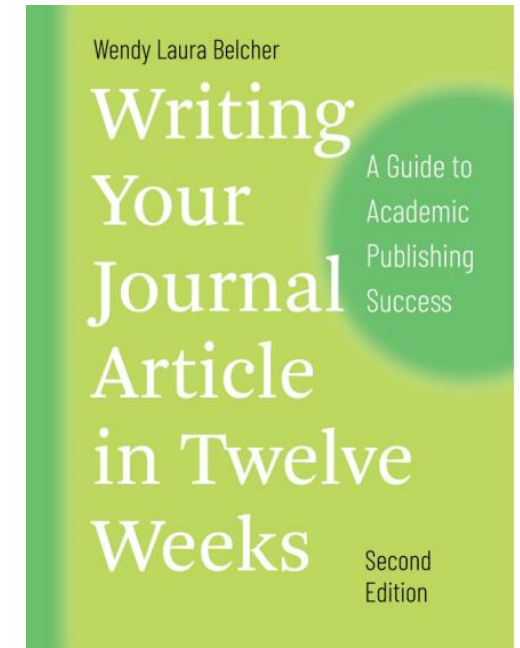
**Title** : Writing Your Journal Article in Twelve Weeks, A Guide to Academic Publishing Success  
**Author** : Wendy Laura Belcher  
**ISBN** : 9798860865655  
**Publisher** : University of Chicago Press  
**Year** : 2019

**Abstract:**

Writing Your Journal Article in Twelve Weeks is the only reference to combine expert guidance with a step-by-step workbook. Each week, readers learn a feature of strong articles and work on revising theirs accordingly. Every day is mapped out, taking the guesswork and worry out of writing. There are tasks, templates, and reminders. At the end of twelve weeks, graduate students, recent PhDs, postdoctoral fellows, adjunct instructors, junior faculty, and international faculty will feel confident they know that the rules of academic publishing and have the tools they need to succeed. With this new edition, Belcher expands her advice to reach beginning scholars in even more disciplines. She builds on feedback from professors and graduate students who have successfully used the workbook to complete their articles. A new chapter addresses scholars who are writing from scratch. This edition also includes more targeted exercises and checklists, as well as the latest research on productivity and scholarly writing.



**No. Panggilan : Z471.B445 2019 3**  
**Lokasi : Rak Pameran, Aras 2**  
**For more info:**  
<http://surl.li/rhtxl>



**Imbas kod QR untuk semak status bahan**



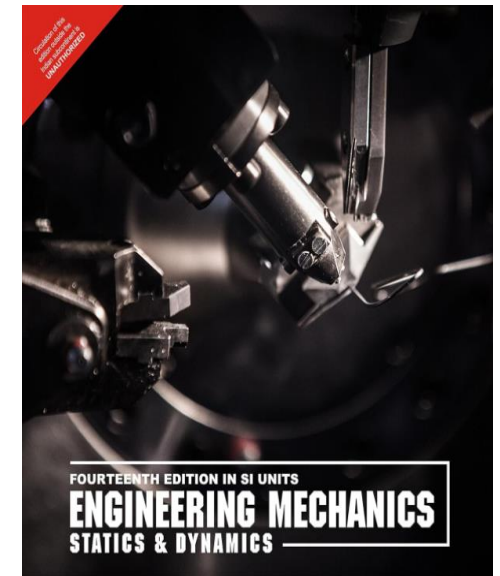
**Title** : Engineering Mechanics : Statics and Dynamics  
**Author** : R C Hibbeler  
**ISBN** : 9789332584747  
**Publisher** : Pearson Education  
**Year** : 2017

**Abstract:**

For Statics, Dynamics, and Combined Statics & Dynamics Courses. A Proven Approach to Conceptual Understanding and Problem-solving Skills Engineering Mechanics: Statics & Dynamics excels in providing a clear and thorough presentation of the theory and application of engineering mechanics. Engineering Mechanics empowers students to succeed by drawing upon Professor Hibbeler's everyday classroom experience and his knowledge of how students learn. This text is shaped by the comments and suggestions of hundreds of reviewers in the teaching profession, as well as many of the author's students. The Fourteenth Edition includes new Preliminary Problems, which are intended to help students develop conceptual understanding and build problem-solving skills. The text features a large variety of problems from a broad range of engineering disciplines, stressing practical, realistic situations encountered in professional practice, and having varying levels of difficulty. Also Available with Mastering Engineering -- an online homework, tutorial, and assessment program designed to work with this text to engage students and improve results. Interactive, self-paced tutorials provide individualized coaching to help students stay on track. With a wide range of activities available, students can actively learn, understand, and retain even the most difficult concepts. The text and Mastering Engineering work together to guide students through engineering concepts with a multi-step approach to problems.

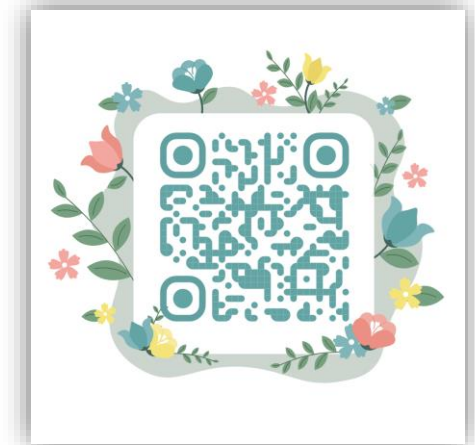


**No. Panggilan : TA350 .H48 2017 3**  
**Lokasi : Rak Pameran, Aras 2**  
**For more info:**  
<http://surl.li/rhuai>



Pearson

R. C. Hibbeler



**Imbas kod QR untuk semak  
status bahan**

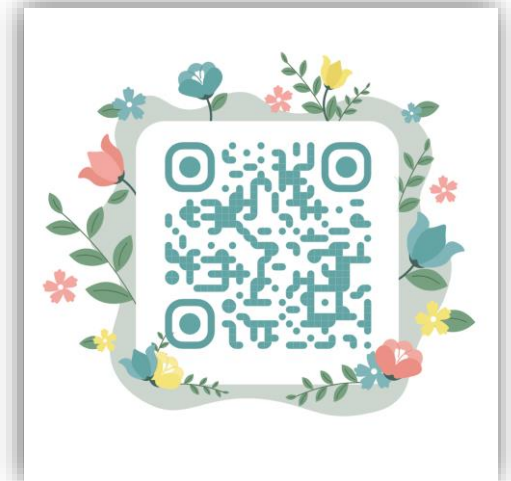
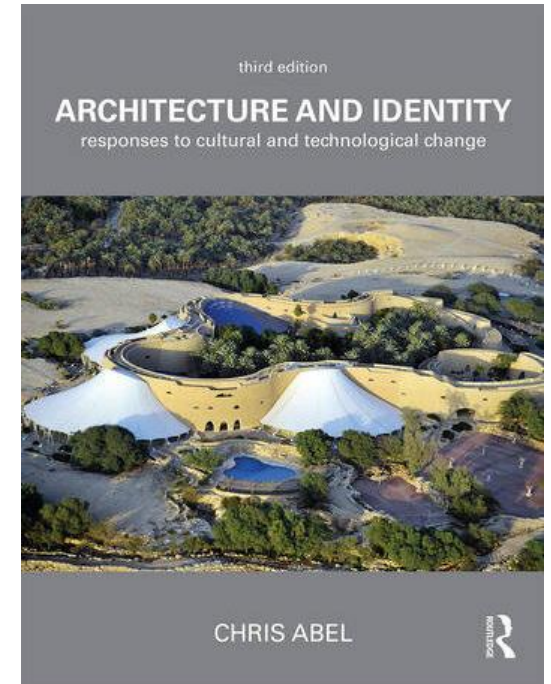
**Title** : Architecture and Identity Responses to Cultural and Technological Change  
**Author** : Chris Abel  
**ISBN** : 9781138206557  
**Publisher** : Routledge  
**Year** : 2017

**Abstract:**

This revised third edition includes a new introduction and six additional chapters by the author covering a broad range of related topics, up to recent concerns with genetic design methods and virtual selves. Together with the former essays, the book presents a unique global perspective on the changing cultural issues and technologies shaping human identities and the built environment in diverse parts of the world, both East and West. Expanding his collected essays on architectural theory and criticism, Chris Abel pursues his explorations across disciplinary and regional boundaries in search of a deeper understanding of architecture in the evolution of human culture and identity formation. From his earliest writings predicting the computer-based revolution in customized architectural production, through his novel studies on 'tacit knowing' in design or hybridization in regional and colonial architecture, to his radical theory of the 'extended self', Abel has been a consistently fresh and provocative thinker, contesting both conventions and intellectual fashions.



**No. Panggilan : NA2500.A244 2017 3**  
**Lokasi : Rak Pameran, Aras 2**  
**For more info:**  
<http://surl.li/rhucb>



**Imbas kod QR untuk semak  
status bahan**

**Title** : Building Performance Simulation for Design and Operation  
**Editors** : Jan L.M. Hensen, Roberto Lamberts  
**ISBN** : 9781138392199  
**Publisher** : Routledge  
**Year** : English

**Abstract:**

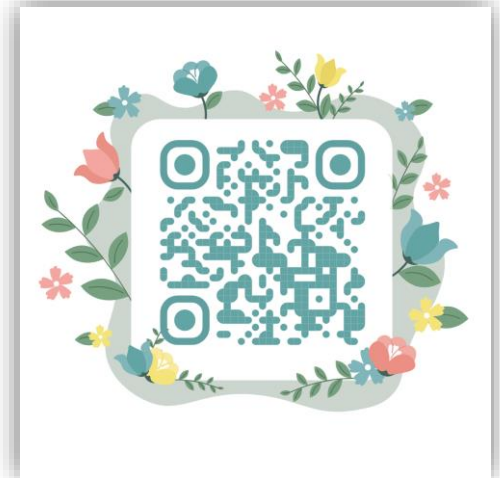
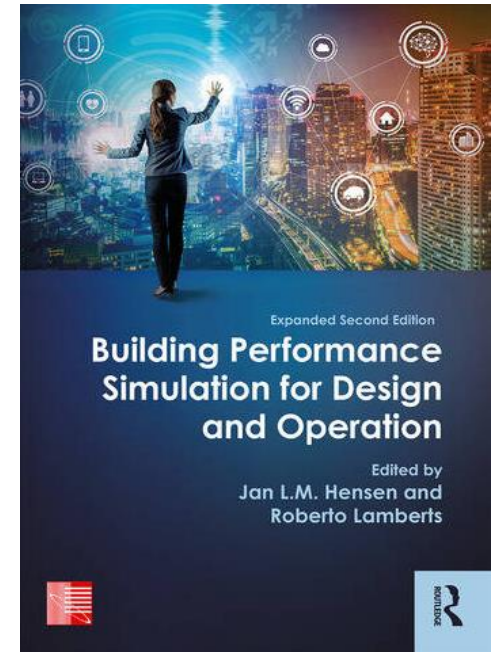
This new edition provides a unique and comprehensive overview of building performance simulation for the complete building life cycle from conception to demolition, and from a single building to district level. It contains new chapters on building information modelling, occupant behaviour modelling, urban physics modelling, urban building energy modelling and renewable energy systems modelling. This new edition keeps the same chapter structure throughout including learning objectives, chapter summaries and assignments. Moreover, the book:

- Provides unique insights into the techniques of building performance modelling and simulation and their application to performance-based design and operation of buildings and the systems which service them.
- Provides readers with the essential concepts of computational support of performance-based design and operation.
- Provides examples of how to use building simulation techniques for practical design, management and operation, their limitations and future direction.

It is primarily intended for building and systems designers and operators, and postgraduate architectural, environmental or mechanical engineering students.



**No. Panggilan : TH453.B835 3**  
**Lokasi : Rak Pameran, Aras 2**  
**For more info:**  
<http://surl.li/rhvcn>



**Imbas kod QR untuk semak status bahan**

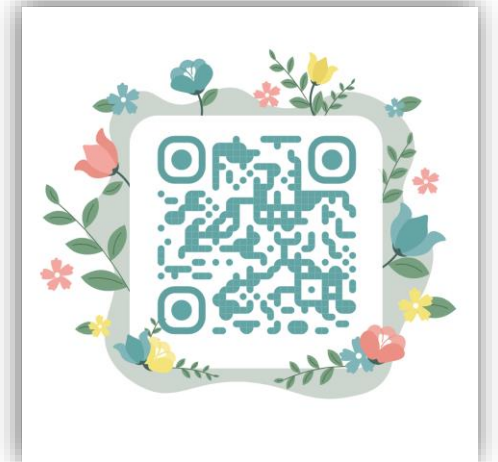
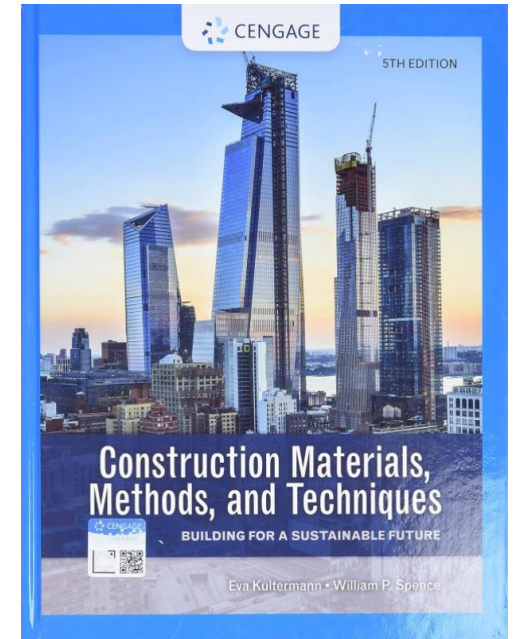
**Title** : Construction Materials, Methods, and Techniques Building for a Sustainable Future  
**Author** : Eva Kultermann, William P. Spence  
**ISBN** : 9780357513835  
**Publisher** : Cengage  
**Year** : 2022

**Abstract:**

Get a thorough overview of sustainable methods for site, residential and commercial building construction with this comprehensive text, which covers both traditional and contemporary materials, current industry standards and new and emerging technologies. The only text organized according to the Construction Specifications Institute (CSI) MasterFormat standards, Construction materials, methods and techniques: building for a sustainable future, Fifth Edition, features a reader-friendly style and logical structure, which follows the construction process step-by-step from project inception to completion. The new edition provides up-to-date coverage of dramatic changes underway in the construction industry, including advances in pre-fabricated construction; increased use of drones, robotics and artificial intelligence; net-zero buildings and lean construction. You'll learn about key current industry developments and standards, as well as latest relevant building codes, all presented within a dynamic, richly illustrated new design. Beyond the text itself, you can access a wealth of helpful learning resources to help you gain a clear understanding of today's construction materials, methods and techniques, providing a critical foundation for your career success.



**No. Panggilan : TH145.S674 2022 3**  
**Lokasi : Rak Pameran, Aras 2**  
**For more info:**  
<http://surl.li/rhveu>



**Imbas kod QR untuk semak  
status bahan**



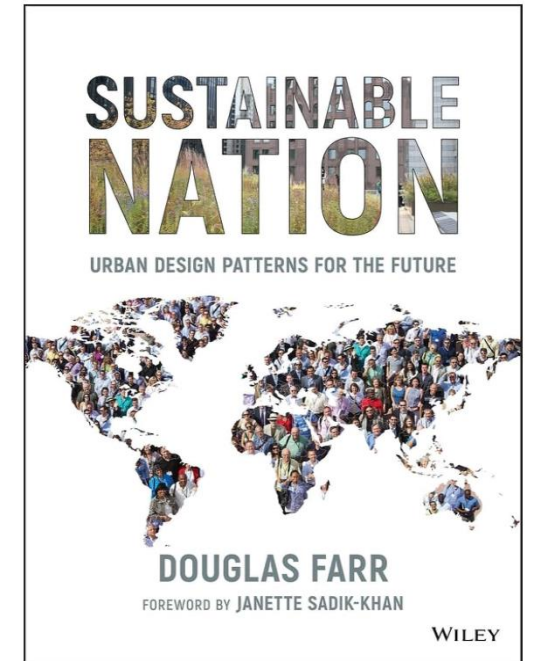
**Title** : Sustainable Nation Urban Design Patterns for the Future  
**Author** : Douglas Farr  
**ISBN** : 9780470537176  
**Publisher** : Wiley  
**Year** : 2018

**Abstract:**

As a follow up to his widely acclaimed Sustainable Urbanism, this new book from author Douglas Farr embraces the idea that the humanitarian, population, and climate crises are three facets of one interrelated human existential challenge, one with impossibly short deadlines. The vision of Sustainable Nation is to accelerate the pace of progress of human civilization to create an equitable and sustainable world. The core strategy of Sustainable Nation is the perfection of the design and governance of all neighborhoods to make them unique exemplars of community and sustainability. The tools to achieve this vision are more than 70 patterns for rebellious change written by industry leaders of thought and practice. Each pattern represents an aspirational, future-oriented ideal for a key aspect of a neighborhood. At once an urgent call to action and a guidebook for change, Sustainable Nation is an essential resource for urban designers, planners, and architects.



**No. Panggilan : HT241.F347 3**  
**Lokasi : Rak Pameran, Aras 2**  
**For more info:**  
<http://surl.li/rhvgo>



**Imbas kod QR untuk semak  
status bahan**

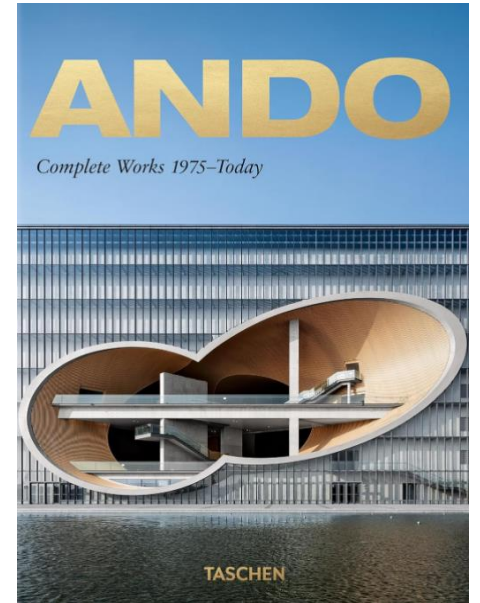
**Title** : Ando: Complete Works 1975-Today  
**Author** : Philip Jodidio  
**ISBN** : 9783836565868  
**Publisher** : Taschen  
**Year** : 2020

**Abstract:**

Discover the unique aesthetic of Tadao Ando, the only architect ever to have won the discipline's four most prestigious prizes: the Pritzker, Carlsberg, Praemium Imperiale, and Kyoto Prize. This collection spans the breadth of Ando's entire career, including such stunning new projects as the Shanghai Poly Grand Theater and the Roberto Garza Sada Center in Monterrey, Mexico. Each project is profiled through photographs and architectural drawings that explore Ando's unprecedented use of concrete, wood, water, light, space, and natural forms. Featuring designs from award-winning private homes, churches, museums, and apartment complexes to cultural spaces throughout Japan, South Korea, France, Italy, Germany, Mexico, and the USA, this compact edition brings you up close and personal with a Modernist master.



**No. Panggilan : NA1559.A5J637 3**  
**Lokasi : Rak Pameran, Aras 2**  
**For more info:**  
<http://surl.li/rlnvf>



**Imbas kod QR untuk semak  
status bahan**