

Maker City A Practical Guide For Reinventing American Cities

To get started, you'll need only what you can usually find in your home: items like paper, ziploc bags, index cards, coloring utensils, pencils, rubberbands, scissors, etc. As we progress in the world of making magic, we'll explore how to use 3D design tools like Tinkercad (you can register for a free account at tinkercad.com). You don't need a 3D printer in your home! Libraries, schools, and makerspaces around the world have 3D printers you can use! We'll explore simple programming using Arduino!

This book offers new perspectives through which to observe and interpret mega-events. Using the specific case studies of World's Fairs, Di Vita and Morandi present a report of the Milan Expo 2015 and its trans-scalar legacies. While the event and post-event have been affected by the world crisis, the locations of exhibition areas have greatly expanded, encompassing regional as well as post-metropolitan spaces. The two main aims of comparing Milan to previous expos such as Lisbon 1998, Zaragoza 2008 and Shanghai 2010, were to demonstrate the contribution of the 2015 World's Fair to the urban innovation process and to the debate surrounding a new urban agenda; as well as to examine empirically and theoretically the international discussion regarding the growth of regional and macro-regional scales of contemporary cities in order to offer suggestions for future urban agendas through mega-events. This book will be of great value to students, researchers and policy makers in the area of urban planning and the urban studies more broadly, geography and spatial politics.

Answering the call for new rituals in our secular age, this book recognises the essential importance of rituals to the psychological, physical and spiritual health of individuals, families, organisations, and society as a whole. The book examines and explains the history, function and place of emerging rituals in different cultures, as well as providing practical guidance for creating your own secular rituals. The author includes examples, risk factors and checklists for the stages of planning new rituals for life events such as birth, marriage, and death, as well as for public occasions such as graduation and protest marches.

Written by leading experts from across the world, this Handbook expertly places intellectual property issues in technology transfer into their historical and political context whilst also exploring and framing the development of these intersecting domains for innovative universities in the present and the future.

CISO Desk Reference Guide

A Practical Guide

Instructions for Seekers, Witches & Other Spiritual Misfits

The No-Nonsense Guide to Crafting a Marketable Story

Good News through Community Economic Development

FINANCE FOR EXECUTIVES

Lessons for Street Plinths

A cofounder of the popular makerspace TechShop discusses the growing maker movement, describing how ordinary individuals are using previously unavailable tools and technologies to create innovative products and successful businesses.

Infrastructure investment is critical to economic growth, quality of life, poverty reduction, access to education, health care, and the achievement of many of the goals of a robust economy. But infrastructure is difficult for the public sector to get right. Public-private partnerships (PPPs) can help; they can provide more efficient procurement, focus on consumer satisfaction and lifecycle maintenance, and provide new sources of investment, in particular through limited recourse debt. But PPPs present challenges of their own. This book provides a practical guide to PPPs for policy makers and strategists, showing how governments can enable and encourage PPPs; providing a step-by-step analysis of the development of PPP projects; and explaining how financing works, what contractual structures look like, and how risk allocation works in practice. It includes specific discussion of each infrastructure sector, with a focus on the strategic and policy issues essential for successful development of infrastructure through PPPs. This second edition includes new sections on institutional frameworks, mechanisms for leveraging public financing, small scale PPP projects and more.

Drama and Digital Arts Cultures is a critical guide to the new forms of playful exploration, co-creativity, and improvised performance made possible by digital networked media. Drawing on examples from games, education, online media, technology-enabled performance and the creative industries, the book uses the elements of applied drama to frame our understanding of digital cultures. Exploring the connected real-world and virtual spaces where young people are making and sharing digital content, it draws attention to the fundamental applied drama conventions that infuse and activate this networked culture. Challenging descriptions of drama and digital technology as binary opposites, the book maps common principles and practice grounded in role, embodiment, performance, play, and identity that are being amplified and enhanced by the affordances of online media. Drama and Digital Arts Cultures draws together extensive original research including interviews with game designers, media producers, educators, artists and makers at the heart of these new digital cultures. Young people discuss their own creative practices and products, providing insight into a complex and evolving world being transformed by digital technologies. A practical guide to the field, it contains case studies and examples of the intersections of drama conventions and networked cultures drawn from the US, Canada, UK, Netherlands, Singapore and Australia. Written for scholars, educators, students and 'makers' everywhere, Drama and Digital Arts Cultures provides a clear understanding of how young people are blending creativity and learning with the powerful and empowering conventions of drama to create new forms of multimodal and transmedia storytelling.

2020 Book Excellence Award Winner How any leader can deliver business-changing innovation now. Any leader in any size company, no matter the size or sector, feels the pressure to innovate, find new ideas and business models, and create enduring customer value. There is no one formula or set process to find and execute the ideas that achieve these goals; customers set moving targets, shareholders are unforgiving and demanding, and society expects companies to care about much more than the bottom line. The fast and furious forces of change stimulated by technology, demographics, lifestyles, and economic, environmental, political and regulatory impacts -- or any number of these in combination -- are easy to see. They are easy to talk about. They are easy to intellectualize. The problem? The answers are hard to execute and require nuanced combinations of leadership, skills, strategy and tactics. On top of that, innovation has moved from an abstraction that will matter at some distant date to a front-and-center deliverable that must show evidence of impact in the space of the calendar quarter. In the stories, tools, techniques and advice inside *The Change Maker's* Playbook, leaders will find tangible steps to find and safeguard the plans that will deliver the sustainable business-changing impacts -- new customers, new relationships, new sources of value and growth-- their businesses need. Separated from the pack of academic and consultant innovation theories, Radin's approach stems from her own experience sitting in the innovation hot seat at some of the world's most demanding companies and is bolstered by interviews with 50 corporate executives, founders and startup investors representing media, e-commerce, payments, healthcare, government, professional services, and not-for-profit sectors. The book walks readers through Radin's adaptive, 9-part framework, engaging them in ready-to-apply techniques. Her work shows leaders how to find the big ideas that will meaningfully address customer needs, take the insight from idea through implementation in a way that delivers in the short and long-term for the organization, and lead effectively through the obstacles that tend to derail or diminish innovation. Three phases -- Seeking, Seeding and Scaling -- organize the framework within an intuitive, logical and useable format, with concrete actions outlined every step of the way. The answer to the dilemma every business faces today is that innovation is exhilarating, rewarding and even fun when it is approached as a unique challenge, but it can also be polarizing, unpredictable, and scary. Success requires that leaders rethink how they lead innovation. Leaders know they must set aside preconceived notions of what works, and look to those who have already walked in their shoes. This is why *The Change Maker's* Playbook was written, and why it will become an ongoing resource for any innovation leader. Table of Contents: Foreword *The Change Maker's* Framework (image) Introduction Part I: Seeking Chapter 1: Discovering Real Problems That Matter Chapter 2: Purpose, Passion, Promise and Positioning Chapter 3: The Art Of Being Resourceful Part II: Seeding Chapter 4: Prototype, Test, Learn, Iterate Chapter 5: Business Model Linchpins Chapter 6: The Green Light Moment Part III: Scaling Chapter 7: Launch Chapter 8: Testing and Experimenting Chapter 9: Anticipating and Adapting Epilogue Acknowledgements

Bibliography

A Practical Guide to Making Video Look Like Film

Locally Played

A Practical Guide to Open Portfolios

A Practical Guide for Helping Loved Ones Heal After Trauma

A Practical Guide to Solving Complex Problems, Avoiding Unintended Consequences, and Achieving Lasting Results

Basic Methods of Policy Analysis and Planning -- Pearson eText

A practical guide for managers

"A wonderfully sane, down-to-earth, and frequently funny guide to riding, maintaining, fixing and enjoying your bicycle." Dave Eggers, New York Times Book Review Winner Silver Medal 2013 Independent Publisher Book Awards In the same way that Michael Pollan's slim bestseller *Food Rules* brought a gust of common sense to the everyday activity of eating, *Just Ride* is a revelation. Forget the ultralight, uncomfortable bikes, flashy jerseys, clunky shoes that clip onto tiny pedals, the grinding out of endless miles. Instead, ride like you did when you were a kid—just get on your bike and discover the pure joy of riding it. A reformed racer who's commuted by bike every day since 1980, whose writings and opinions appear in major bicycling and outdoor magazines, and whose company, Rivendell Bicycle Works, makes bikes for riders ready to opt out of a culture overrun by racing, Grant Petersen shares a lifetime of unexpected facts, controversial opinions, expert techniques, and his own maverick philosophy. In 87 short, two-to-three page chapters, it covers: □ Riding: Count Days, Not Miles; Corner Like Jackie Robinson; Steer with Your Hips, Shift with Your Legs □ Suing Up: The Shoes Ruse; Ponchos—the Ultimate Unracer's Garment □ Safety: #1 Rule—Be Seen; Helmets Aren't All They're Cracked Up to Be □ Health and Fitness: Why Riding Is Lousy All-Around Exercise; Saddles Don't Cause Impotence; Drink When You're Thirsty—Not Before Also includes chapters on Accessories, Upkeep, and Technicalities as well as a final chapter titled "Velosophy" that includes the essential, memorable thought: Your Bike Is a Toy—Have Fun with It.

Across the US, cities and metropolitan areas are facing huge economic and competitive challenges that Washington won't, or can't, solve. The good news is that networks of metropolitan leaders - mayors, business and labor leaders, educators, and philanthropists - are stepping up and powering the nation forward. These state and local leaders are doing the hard work to grow more jobs and make their communities more prosperous, and they're investing in infrastructure, making manufacturing a priority, and equipping workers with the skills they need. In *The Metropolitan Revolution*, Bruce Katz and Jennifer Bradley highlight success stories and the people behind them. · New York City: Efforts are under way to diversify the city's vast economy · Portland: Is solving the "sustainability" solutions it has perfected to other cities around the world · Northeast Ohio: Groups are using industrial-age skills to invent new twenty-first-century materials, tools, and processes · Houston: Modern settlement house helps immigrants climb the employment ladder · Miami: Innovators are forging strong ties with Brazil and other nations · Denver and Los Angeles: Leaders are breaking political barriers and building world-class metropolises · Boston and Detroit: Innovation districts are hatching ideas to power these economies for the next century The lessons in this book can help other cities meet their challenges. Change is happening, and every community in the country can benefit. Change happens where we live, and if leaders won't do it, citizens should demand it. *The Metropolitan Revolution* was the 2013 Foreword Reviews Bronze winner for Political Science.

Become a force for change through community, access, knowledge, and innovation *The Maker Revolution* is a guidebook to the new industrial revolution. Artisans, crafters, DIYers, and inventors around the globe are changing the way we change the world—are you ready to join the movement? This book shows you how to find your place in the revolution. You'll learn how the movement came about, and how Makers are already shifting paradigms and pushing the boundaries of innovation. You'll discover the people, organizations, and technologies that are catalyzing a re-thinking of industry, business, economic development and education, and you'll explore the ways in which specific types of participation could propel the movement toward greater access and inclusivity. You may even discover your own inner Maker, and decide to join the revolution. The world's greatest problems will only be solved by the creativity, ingenuity, and innovation of its inhabitants. The Maker Movement and the revolution it heralds holds that truth at its core, and strives to give everyone access to the knowledge, tools, experience, and community they need to change the world. This book takes you inside the movement, and helps you find your place. Understand the drivers, depths, and goals of the Maker Movement Explore the major trends and technologies that enable makers Learn how institutions can engage and participate in the Maker Revolution Find your inner revolutionary and become a part of the changing world The new revolution will not be televised—it will be something you hold in your hand, something you use every day, and the spirit of the community that created it. *The Maker Revolution* brings you into the fold to show you the power of breaking away from the status quo and will show you how you too can help change the world.

Film on Video: A Practical Guide to Making Video Look like Film is an accessible guide to making video captured on a camcorder, DSLR camera, smartphone, action camera or cinema camera look like it was shot on motion-picture celluloid film. Chapter by chapter, Jonathan Kemp introduces the reader to a key characteristic of celluloid film, explains the historical and practical reasons why it exists, before providing a simplified method for best replicating that characteristic on a digital camera. The book includes various practical exercises throughout that are designed to underline the takeaway principles of each chapter and features case studies on specific cameras including the Sony NX5 Camcorder, Canon 5D Mk IV, Canon 4000D, iPhone X, GoPro Hero 6, Blackmagic URSA Mini Pro 4.6K and Canon C200. Ideal for students studying film and media production and filmmaking newcomers who want to get up to speed quickly, this is an indispensable guide to how the numerous settings on a digital camera can be used to create footage that more closely resembles the film 'look'.

3D Printing and Beyond

A Data Visualization Guide for Business Professionals

Jesus on Main Street

Generative Art

Design, Construction, Operation and Future Impact

A Practical Guide for CISOs

The Hundred-page Machine Learning Book

Summary Generative Art presents both the technique and the beauty of algorithmic art. The book includes high-quality examples of generative art, along with the specific programmatic steps author and artist Matt Pearson followed to create each unique piece using the Processing programming language. About the Technology Artists have always explored new media, and computer-based artists are no exception. Generative art, a technique where the artist creates print or onscreen images by using computer algorithms, finds the artistic intersection of programming, computer graphics, and individual expression. The book includes a tutorial on Processing, an open source programming language and environment for people who want to create images, animations, and interactions. About the Book Generative Art presents both the techniques and the beauty of algorithmic art. In it, you'll find dozens of high-quality examples of generative art, along with the specific steps the author followed to create each unique piece using the Processing programming language. The book includes concise tutorials for each of the technical components required to create the book's images, and it offers countless suggestions for how you can combine and reuse the various techniques to create your own works. Purchase of the print book comes with an offer of a free PDF, ePub, and Kindle eBook from Manning. Also available is all code from the book. What's Inside The principles of algorithmic art A Processing language tutorial Using organic, pseudo-random, emergent, and fractal processes =====?===== Table of Contents Part 1 Creative Coding Generative Art: In Theory and Practice Processing: A Programming Language for ArtistsPart 2 Randomness and Noise The Wrong Way to Draw A Line The Wrong Way to Draw a Circle Adding Dimensions Part 3 Complexity Emergence Autonomy Fractals

Dale Dougherty, creator of MAKE: magazine and the Maker Faire, provides a guided tour of the international phenomenon known as the Maker Movement, a social revolution that is changing what gets made, how it's made, where it's made, and who makes it. *Free to Make* is a call to join what Dougherty calls the "renaissance of making," an invitation to see ourselves as creators and shapers of the world around us. As the internet thrives and world-changing technologies-like 3D printers and tiny microcontrollers-become increasingly affordable, people around the world are moving away from the passivity of one-size-fits-all consumption and command-and-control models of education and business. *Free to Make* explores how making revives abandoned and neglected urban areas, reinvigorates community spaces like libraries and museums, and even impacts our personal and social development-fostering a mindset that is engaged, playful, and resourceful. *Free to Make* asks us to imagine a world where making is an everyday occurrence in our schools, workplaces, and local communities, grounding us in the physical world and empowering us to solve the challenges we face. *Our Practical Guide* draws from Maker Ed's Open Portfolio Project research findings of both phases 1 and 2 and distills the information into a guide that aims to assist educators and practitioners in getting started - and digging deeper - with portfolios. Throughout our work, key themes have emerged that indicate the challenges and barriers - as well as the insights and successes! - to implementation of portfolios in a thoughtful and thorough way. This guide addresses those areas with suggestions and prompts that help orient thinking and planning. In addition, it includes a more detailed look into the practical tools and tips that we've seen at field sites around the country and concludes with a description of the many workshops we've held with educators and practitioners, in hopes that you bring this back to your classroom or informal setting yourself. For more information on the project, findings, and guide, please visit MakerEd.org/OPP

The book *Finance for Executives: A Practical Guide for Managers* meets the needs of global executives, both finance as well as non-financial managers. It is a practical and fundamental finance reference book for any manager, as it makes a perfect balance of financial management theory and practice. It focuses on corporate finance concepts from value creation to derivatives, including cost of capital (and WACC), valuation, financing policies, project evaluation, and many other essential finance definitions. Finance for Executives makes finance simple and intuitive, through the use of real world data (brief company case studies and empirical examples of concepts), Excel financial modelling tools, and practical short chapters. Target Audience This finance book is appropriate for business executives, from all backgrounds, seeking to Focus on the links between financial management and the strategy of their company, be it a private or publicly traded company Discover how to create value for their company and boost its financial performance Understand the key topics of corporate finance for non-financial managers Create a cost of capital culture within a company Refresh and broaden their understanding of the latest financial concepts and tools Learn about financial management for decision makers - including financing and dividend policies, company valuation, mergers and acquisitions (M&As), project evaluation, cost of capital (WACC) estimation, or risk management and derivatives Finance for Executives is suited as a finance textbook for corporate finance programs, executive education courses, as well as in MBA, master's, and executive MBA programs. Indeed, the book is based on many years of executive education and consulting with world-class corporations from all continents of the world. What Is This Book About? Finance should be fun, and practical as well. With this book at hand, you will have access to a set of tools that will help you develop your intuition for solving key financial problems, improve your business decisions, and formulate strategies. This finance for managers' reference book is based on Simplicity - The core concepts in corporate finance are simple, and will become intuitively clear after using this book Conciseness - The chapters are short and self-contained to appeal to busy executives who are keen on value-added activities Practical focus - The key concepts of financial management are explained (and linked to Excel modelling tools), while you learn to identify the problems and pitfalls of different managerial choices Application of theory to practice - It highlights key academic research results that are relevant for practitioners Real-world focus - The book includes empirical data on several companies and industries around the world. Working with real-world problems and real-world data is more fruitful than theoretical discussions on formulas Excel Templates An Excel spreadsheet containing all the financial models used in the different chapters is available for download from the book's website. Practitioners will find the file easy to customize to their own requirements. It is useful in a variety of situations: value creation and its decomposition into managerial drivers or key performance indicators (KPIs), cost of capital (WACC) estimation, project evaluation, mergers and acquisitions, company valuation, derivatives valuation, etc. Editorial Reviews An excellent teach-yourself finance primer for non-financial executives, and, I dare say, even for most finance executives. Ravi Kant, Vice Chairman, Tata Motors, India The finance reference book for the desk of ANY manager. Michel Demaré, Chairman of the Board, Syngenta, Switzerland The perfect balance of practice and theory. Geert Bekaert, Professor of Finance, Columbia Business School, USA A key tool to improve your business decisions. Thilo Mannhardt, CEO of Ultrapar, Brazil Finance for Executives is easy to follow, and makes a boring subject actually quite exciting. Severin Schwan, CEO, Roche Group, Switzerland A must-have for your list of favorites. José Manuel Campa, Professor of Finance, IESE Business School, Spain

A Practical Guide to Reinventing Our Cities

The City at Eye Level

Architecture, Place and Production

Storytelling with Data
How to Start Something That Matters
The Associated Press Stylebook 2015
A Worldwide Investigation

How games can make a real-world difference in communities when city leaders tap into the power of play for local impact. In 2016, city officials were surprised when Pokémon GO brought millions of players out into the public space, blending digital participation with the physical. Yet for local control and empowerment, a new framework is needed to guide the power of mixed reality and pervasive play. In Locally Played, Benjamin Stokes describes the rise of games that can connect strangers across zip codes, support the “buy local” economy, and build cohesion in the fight for equity. With a mix of high- and low-tech games, Stokes shows, cities can tap into the power of play for the good of the group, including healthier neighborhoods and stronger communities. Stokes shows how impact is greatest when games “fit” to the local community—not just in terms of culture, but at the level of group identity and network structure. By pairing design principles with a range of empirical methods, Stokes investigates the impact of several games, including Macon Money, where an alternative currency encouraged people to cross lines of socioeconomic segregation in Macon, Georgia; Reality Ends Here, where teams in Los Angeles competed to tell multimedia stories around local mythology; and Pokémon GO, appropriated by several cities to serve local needs through local libraries and open street festivals. Locally Played provides game designers with a model to strengthen existing networks tied to place and gives city leaders tools to look past technology trends in order to make a difference in the real world. Don't simply show your data—tell a story with it! Storytelling with Data teaches you the fundamentals of data visualization and how to communicate effectively with data. You'll discover the power of storytelling and the way to make data a pivotal point in your story. The lessons in this illuminative text are grounded in theory, but made accessible through numerous real-world examples—ready for immediate application to your next graph or presentation. Storytelling is not an inherent skill, especially when it comes to data visualization, and the tools at our disposal don't make it any easier. This book demonstrates how to go beyond conventional tools to reach the root of your data, and how to use your data to create an engaging, informative, compelling story. Specifically, you'll learn how to: Understand the importance of context and audience Determine the appropriate type of graph for your situation Recognize and eliminate the clutter clouding your information Direct your audience's attention to the most important parts of your data Think like a designer and utilize concepts of design in data visualization Leverage the power of storytelling to help your message resonate with your audience Together, the lessons in this book will help you turn your data into high impact visual stories that stick with your audience. Rid your world of ineffectve graphs, one exploding 3D pie chart at a time. There is a story in your data—Storytelling with Data will give you the skills and power to tell it!

God loves just economies, but sadly the invisible hand of the market has chiseled huge cracks in our communities. Fortunately, Jesus announced freedom for the poor and oppressed, and by taking on his mantle we have a role to play in helping establish just economies here and now! Jesus on Main Street provides church leaders and church planters with a broad overview of Community Economic Development (CED), with practical steps to lead your church in following Jesus into those cracks. You'll be equipped with the CED “toolkit” including microbusinesses, makerspaces, business incubators, worker cooperatives, workforce development, commercial district revitalization, locality development, anchor institutions, and accountable development. A robust assessment and planning guide specifically for churches will help you create a collaborative CED strategy rooted in God's love for people and justice. For churches looking to bring healing to their local economies, CED builds capacity for long-term equitable economic growth, catalyzing a movement of business creation, employment, and job creation that does not leave anybody behind. This is the promise and challenge of CED as we follow Jesus down Main Street and explore what good news for local economies looks like!

A fully revised and updated edition of the bible of the newspaper industry

The Metropolitan Revolution

Film on Video

Living Green

The Novel-Maker's Handbook

Systems Thinking For Social Change

The Maker Magician's Handbook

The Change Maker's Playbook

A Comprehensive Method for Crafting a Novel Whether you're a first-time author or seasoned novelist, you know the challenges that come with writing fiction. The Novel-Maker's Handbook guides you through every step of crafting your novel, from concept to completion in a process designed for your success. Inside, veteran book editor Diane O'Connell helps you master the storytelling and individual literary techniques vital to great, marketable fiction. From story structure, character development, and point of view, to time management, rejection, and even self-limiting thinking, no other novel-writing resource provides both a complete process and enough detail to build life-long skills. You'll also learn through real-world examples and insights of other successful authors who have used the methods in this book.

Provides a practical guide to get started and execute on machine learning within a few days without necessarily knowing much about machine learning.The first five chapters are enough to get you started and the next few chapters provide you a good feel of more advanced topics to pursue.

"Ensemble Theatre Making: A Practical Guide is the first comprehensive diagnostic handbook for building, caring for and maintaining ensemble. Successful ensembles don't happen by chance: they can be created, nurtured and maintained through specific actions taken by ensemble leaders and members. Ensemble Theatre Making provides a thorough step-by-step process to consistently achieve the collaborative dynamic that leads to the group trust, commitment and sacrifice necessary for the success of a common goal.Through planning and preparation, investigating the essential building blocks of ensemble, identifying ensemble behaviours and techniques of responding to those behaviours, Ensemble Theatre Making gives tools, techniques and recipes for bringing ensemble from the realm of luck into a grounded practice. This conversational, straight-forward guide gives clarity and practical guidance to the sometimes mystifying questions of what creates ensemble bonds, how to fix them when they start to break, and how to strengthen and protect them"--

The Maker City Playbook is a comprehensive case studies and how-to information useful for city leaders, civic innovators, nonprofits, and others engaged in urban economic development. The Maker City Playbook is committed to going beyond stories to find patterns and discern promising practices to help city leaders make even more informed decisions. Maker City Playbook Chapter 1: Introduction and a Call to Action Chapter 2: The Maker movement and Cities Chapter 3: The Maker City as Open Ecosystem Chapter 4: Education and Learning in the Maker City Chapter 5: Workforce Development in the Maker City Chapter 6: Advanced Manufacturing and Supply Chain inside the Maker City Chapter 7: Real Estate Matters in the Maker City Chapter 8: Civic Engagement in the Maker City Chapter 9: The Future of the Maker City Maker City Project is a collaboration between the Kauffman Foundation, the Gray Area for the Arts, and Maker Media.

Ensemble Theatre Making

A Practical Guide to Geostatistical Mapping

New Workplaces—Location Patterns, Urban Effects and Development Trajectories

An Essential Guide for Policy Makers

How the Maker Movement is Changing Our Schools, Our Jobs, and Our Minds

Automating Cities

Crafting Secular Ritual

Cities have historically supported production, commerce, and consumption, all central to urban life. But in the contemporary Western city, production has been hidden or removed, and commerce and consumption have dominated. This book is about the importance of production in the life of the city, and the relationships between production, architecture, and urban form. It answers the question: What will cities be like when they become, once again, places of production and not only of consumption? Through theoretical arguments, historical analysis, and descriptions of new initiatives, Working Cities: Architecture, Place and Production argues that contemporary cities can regain their historic role as places of material production—places where food is processed and things are made. The book looks toward a future that builds on this revival, providing architectural and urban examples and current strategies within the framework of a strong set of historically-based arguments. The book is illustrated in full colour with archival and contemporary photographs, maps, and diagrams especially developed for the book. The diagrams help illustrate the different variables of architectural space, urban location, and production in different historical eras and in different kinds of industries, providing a compelling visual understanding for the reader.

"This is one of the most straightforward (and that's coming from me), organized and direct books on magic that I've read. ... Aliza is honest, funny, and asks the questions that folks often forget after years of magical or tarot practice. This book is a delight, just like the author."—"Melissa Cynova, author of Kitchen Table Magic "Aliza Einhorn's delightful A Mystical Practical Guide to Magic is akin to cozying up in your favorite café with your favorite witch friend, the one who knows all the good stuff and always has your back. Besides presenting an easily accessible overview of the metaphysical arts, this wise and welcoming book offers a veritable cornucopia of magical tools to help you take charge of your life. It's the perfect guide for new seekers and budding witches everywhere!"—Kris Waldherr, bestselling creator of The Goddess Tarot and author of The Book of Goddesses

This book highlights the latest advancements in the use of automated systems in the design, construction, operation and future of the built environment and its occupants. It considers how the use of automated decision-making frameworks, artificial intelligence and other technologies of automation are presently impacting the practice of architects, engineers, project managers and contractors, and articulates the near future changes to workflows, legal frameworks and the wider AEC industry. This book surveys and compiles the use of city apps, robots that operate buildings and fabricate structural elements, 3D printing, drones, sensors, algorithms, and advanced prefabricated modules. The book also contributes to the growing literature on smart cities, and explores the impacts on data privacy and data sovereignty that arise through the use of sensors, digital twins and intelligent transport systems. It provides a useful reference for further research and development in the area of automation in design and construction to architects, engineers, project managers, superintendents and construction lawyers, contractors, policy makers, and students.

Most countries in Europe and indeed around the world are facing the challenges of international migration and integration of minorities. It falls primarily upon cities to design and implement policies that foster community cohesion and turn cultural diversity into a factor of development rather than a threat.This guide is designed for city leaders and practitioners wishing to learn from the Intercultural Cities pilot project run by the Council of Europe and the European Commission in developing an intercultural approach to diversity management and integration. This approach has been built on the basis of experience in dozens of real-life cities in redesigning their policies and reshaping their governance to ensure equal opportunities and realise a diversity advantage.The guide recommends steps and measures to help develop an intercultural strategy and monitor its implementation. It illustrates the elements of such a strategy with analytical questions, suggestions and examples of practice in various European cities.It is expected that any city embarking on the Intercultural Cities agenda is a confident and competent entity that is able to creatively adapt the general concepts and actions contained in this guide to local circumstances.This guide is therefore not an instruction manual but rather an aide-memoire to support cities as they create their own trajectory.

A practical guide using Processing

The Maker Movement Manifesto: Rules for Innovation in the New World of Crafters, Hackers, and Tinkerers

Intellectual Property and Regulation

Maker City

Research Handbook on Intellectual Property and Technology Transfer

A Practical Guide for Reinventing Our Cities

Building a Future on Creativity and Innovation in an Exponential World

This book explores the innovative workplaces, namely coworking spaces and makerspaces, that are emerging as a consequence of digital innovations and the related development of the knowledge economy and society in the wake of deindustrialization. Drawing on international and multidisciplinary research projects, fresh insights are provided into current trends, research methodologies, actors, location patterns and effects, and urban and regional policies and planning. The aim is to cast light on all aspects of these new working and making spaces, highlighting their innovative geographies and the complexities of their nexus with urban and regional change processes from both the theoretical and the empirical point of view. The book includes multiple illuminating case studies from the advanced economies of North America and Europe, carefully selected for their relevance to the topic under analysis. This book is designed for an international audience comprising not only academicians but also policymakers, representatives of civil and entrepreneurial associations, and business operators.

The Asian Development Bank (ADB) has been continuously undertaking measures to enhance the effectiveness of its operations. To improve projects both at the preparation and implementation stages, ADB issued the Guidelines for Economic Analysis of Projects in 1997 as a means to enhancing project quality at entry. The conduct of proper economic analysis helps ensure the efficient use of development funds and public resources and thereby increase aid effectiveness. This practical guide is a supplement to the Guidelines for the Economic Analysis of Projects. It provides an overview of recent methodological developments in cost-benefit analysis as well as suggested improvements in the economic analysis of projects in selected sectors through case studies. These case studies illustrate the application of suggested methodologies, taking into account sector-specific needs, as well as difficulties faced by practitioners in terms of data and time constraints during project processing. It also aims to contribute to ADB's capacity building initiatives as this will be the main reference material for conduct of economic analysis.

"I have known Shawn for a short time as lifetimes go, but I say I feel like I have known him for a lifetime through our shared experiences during Huts for Vets weekends. In his book, The Five Ls, Shawn masterfully weaves life experiences, humor, tragedy and faith into a must-read guide for those of us in the work of preventing suicide. Shawn, I am so glad to be of Service with you." -WANDA WRIGHT Colonel, U.S. Air Force, Director, Arizona Department of Veterans' Service "In The Five Ls: A Practical Guide for Helping Loved Ones Heal After Trauma, author Shawn Banzhaf serves as a trailblazer, lead climber, and guide, as well as Sherpa, charting a course for others while providing much needed sustenance. With humor, pathos, and honesty, Shawn courageously opens his life and heart in a way that provides support and guidance for people in need. He didn't just write this book, he lived it. Shawn draws on his unique combination of skills, education, work experience, military service, and personal characteristics...The 5 Ls is written for both those who care about someone living with trauma and those dealing with the effects of trauma directly. It is a thoughtful, insightful, and intimate book, at once simple and complex, clear and deep, written with the powerful hope of literally and figuratively saving lives and relationships." -DENISE ANN BODMAN Principal Lecturer and Barrett Honors Faculty, T. Denny Sanford School of Social and Family Dynamics, ASU "Banzhaf's Five Ls approach emerges from a place of curiosity, empathy, and compassion. This book is for those who need straightforward solutions for bearing one another's trauma with open-minded love. Whether the framework is directed toward personal or corporate action, I trust the values embodied within Banzhaf's message can be used to guide others toward freedom and wholeheartedness." -RENEE RONIKA BHATTI-KLUG Founder and CEO, Culturally Intelligent Training & Consulting LLC "Once in a while a book is able to weave together theory and practice in such an intricate way that the transitions are barely noticed. The Five L's does just this inviting professionals, lay leaders, family, and those who have experienced trauma into reciprocal spaces of learning and support. Rooted in research but grounded in experience, Shawn offers a book that is highly accessible without being trite or sanitized. His experience in the military is both central to the story and serves as a bridge for other non-military persons. This book offers insight, wisdom, and clear strategies to empower those impacted directly and indirectly by trauma." -AMY F. JACOBER PhD, MSW, MDiv "Shawn Banzhaf, my dear friend and a co-laborer in the trauma informed community movement, created an impactful resource called the "Five Ls." He effectively illustrates how to be a helpful companion for those who are suffering and deeply wounded. Shawn's humble but authentic sharing of his life story makes this book both powerful and persuasive. I highly recommend this book to anyone in the field of trauma informed care."

-SANGHOON YOO Founder of The Faithful City and Arizona Trauma Informed Faith Community

This ground-breaking and timely contribution is the first and most comprehensive edited collection to address the implications for Intellectual Property (IP) law in the context of 3D Printing and Additive Manufacturing. Providing a coverage of IP law in three main jurisdictions including the UK, USA and Australia. 3D Printing and Beyond brings together a team of distinguished IP experts and is an indispensable starting point for researchers with an interest in IP, emerging technologies and 3D printing.

A Mystical Practical Guide to Magic

How to Seek, Seed and Scale Innovation in Any Company

The Maker Revolution

The Five Ls

How Cities and Metros Are Fixing Our Broken Politics and Fragile Economy

Public-Private Partnership Projects in Infrastructure

Expos and Urban Agendas

Although rarely explored in academic literature, most inhabitants and visitors interact with an urban landscape on a day-to-day basis is on the street level. Storefronts, first floor apartments, and sidewalks are the most immediate and common experience of a city. These "plinths" are the ground floors that negotiate between inside and outside, the public and private spheres. The City at Eye Level qualitatively evaluates plinths by exploring specific examples from all over the world. Over twenty-five experts investigate the design, land use, and road and foot traffic in rigorously researched essays, case studies, and interviews. These pieces are supplemented by over two hundred beautiful color images and engage not only with issues in design, but also the concerns of urban communities. The editors have put together a comprehensive guide for anyone concerned with improving or building plinths, including planners, building owners, property and shop managers, designers, and architects.

Maker CityA Practical Guide for Reinventing Our Cities

Presents information on creating problem-solving ventures, with advice on identifying a social issue, doing research, creating a business plan, soliciting support from friends and adults, planning an event, raising funds, and using social media for promotion.

Over 85 percent of Americans today express concern about health and the environment, yet only a small fraction say they know where to begin. If you are concerned about climate change, personal health, or simply wish to tread more lightly on the earth, this book is for you. It wil help you get past the worry adn take positive action to improve both your health and the health of the planet. Based on a lifetime of research and practice, Greg Horn provides the ultimate primer for living sustainably.

Real-World Games for Stronger Places and Communities

Cost-Benefit Analysis for Development

Be a Changemaker

Drama and Digital Arts Cultures

Working Cities

Free to Make

Donors, leaders of nonprofits, and public policy makers usually have the best of intentions to serve society and improve social conditions. But often their solutions fall far short of what they want to accomplish and what is truly needed. Moreover, the answers they propose and fund often produce the opposite of what they want over time. We end up with temporary shelters that increase homelessness, drug busts that increase drug-related crime, or food aid that increases starvation. How do these unintended consequences come about and how can we avoid them? By applying conventional thinking to complex social problems, we often perpetuate the very problems we try so hard to solve, but it is possible to think differently, and get different results. Systems Thinking for Social Change enables readers to contribute more effectively to society by helping them understand what systems thinking is and why it is so important in their work. It also gives concrete guidance on how to incorporate systems thinking in problem solving, decision making, and strategic planning without becoming a technical expert. Systems thinking leader David Stroh walks readers through techniques he has used to help people improve their efforts to end homelessness, improve public health, strengthen education, design a system for early childhood development, protect child welfare, develop rural economies, facilitate the reentry of formerly incarcerated people into society, resolve identity-based conflicts, and more. The result is a highly readable, effective guide to understanding systems and using that knowledge to get the results you want.

Updated in its 3rd edition, Basic Methods of Policy Analysis and Planning presents quickly applied methods for analyzing and resolving planning and policy issues at state, regional, and urban levels. Divided into two parts, Methods which presents quick methods in nine chapters and is organized around the steps in the policy analysis process, and Cases which presents seven policy cases, ranging in degree of complexity, the text provides readers with the resources they need for effective policy planning and analysis. Quantitative and qualitative methods are systematically combined to address policy dilemmas and urban planning problems. Readers and analysts utilizing this text gain comprehensive skills and background needed to impact public policy.

An easy to use guide written by experienced practitioners for recently-hired or promoted Chief Information Security Offices (CISOs), individuals aspiring to become a CISO, as well as business and technical professionals interested in the topic of cybersecurity, including Chief Technology Officers (CTOs), Chief Information Officers (CIOs), Boards of Directors, Chief Privacy Officers, and other executives responsible for information protection.As a desk reference guide written specifically for CISOs, we hope this book becomes a trusted resource for you, your teams, and your colleagues in the C-suite. The different perspectives can be used as standalone refreshers and the five immediate next steps for each chapter give the reader a robust set of 45 actions based on roughly 100 years of relevant experience that will help you strengthen your cybersecurity programs.

A Radically Practical Guide to Riding Your Bike

Just Ride

Mega-Events and Legacies in Post-Metropolitan Spaces

The intercultural city step by step - Practical guide for applying the urban model of intercultural integration