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Nanostructure Science and Technology
 Speaking of Liberty
 Intelligent Mechatronic Systems
 Lake Biwa: Interactions between Nature and People
 Openbare veiling van drie kapitale hofsteden, een kapbosch en drie einden beplanten dijk, alles liggende in het eiland Noord-Beveland, alsmede vier vier-en-twintigste aandeelen in de meestooft: De Hoop, staande te Geersdijk, Gemeente Wissekerke, door de Notarissen D.J. van der Horst Serlé en A. van den Broecke Az., residerende binnen de stad Middelburg, op vrijdag den 25 mei 1849, des voormiddags ten tien ure, in het Nederlandsch Logement, in de Abdij, binnen de stad Middelburg voornoemd
 The Story of the Great War
 A Handbook of Modern Japan
 Modern English in Action
 No Abode
 Japanese Girls and Women
 Imperial Biologists
 The LEGO MINDSTORMS Robot Inventor Idea Book
 The LEGO Power Functions Idea Book, Volume 1
 Soft Actuators
 Natural Electromagnetic Fields in Pure and Applied Geophysics
 Emmy Noether 1882–1935
 Hirohito
 The LEGO Power Functions Idea Book, Volume 2
 The LEGO Technic Idea Book: Fantastic Contraptions
 LEGO Technic Non-Electric Models: Clever Contraptions
 The LEGO BOOST Idea Book
 Building Robots with LEGO Mindstorms NXT
 Hired Swords
 Computer Animation and Simulation 2000
 Tracing the Itinerant Path
 The LEGO MINDSTORMS EV3 Idea Book
 Physics of and Science with X-Ray Free-Electron Lasers
 The Personal History of a Bukharan Intellectual
 Under the Shadow of the Rising Sun
 Transnational Japan in the Global Environmental Movement
 Japan's Empire Disaster
 Smart Card Research and Advanced Applications
 Homo Deus
 Sōtō Zen in Medieval Japan
 The Sword of the Lady
 From Pole to Pole
 Plasma Processes and Polymers
 Modern Times
 Women of Liberty
 The LEGO Technic Idea Book: Wheeled Wonders

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Nanostructure Science and Technology Springer Nature

The LEGO® Technic Idea Book: Wheeled Wonders is a collection of hundreds of mechanisms for cars, trucks, motorcycles, and other vehicles that you can build based on their pictures alone. Each project uses color-coded pieces and is photographed from multiple angles, making it easy to see how the models are assembled without the need for step-by-step instructions. Every model illustrates a different principle, concept, or mechanism that will inspire your own original creations. You're encouraged to use these elements as building blocks to create your own masterpieces. The Technic models in Wheeled Wonders spin or move things, drag race, haul heavy gear, bump off walls, wind up and go, and much more. You'll discover how to build differential gears, implement steering and suspension, and design clutch and transmission systems to use in your own vehicles. This visual guide, the second in the three-volume LEGO Technic Idea Book series, is the brainchild of master builder Yoshihito Isogawa of Tokyo, Japan. Each title is filled with photos of Isogawa's unique models, all of which are designed to fire the imaginations of LEGO builders young and old. Imagine. Create. Invent. Now, what will you build? NOTE: The LEGO Technic Idea Book series uses parts from various Technic sets. If you don't have some of the pieces shown

in a particular model, experiment by substituting your own parts or visit the author's website for a list of the special parts used in the book.

Speaking of Liberty Springer Science & Business Media

What motivates people to become involved in issues and struggles beyond their own borders? How are activists changed and movements transformed when they reach out to others a world away? This adept study addresses these questions by tying together local, national, regional, and global historical narratives surrounding the contemporary Japanese environmental movement. Spanning the era of Japanese industrial pollution in the 1960s and the more recent rise of movements addressing global environmental problems, it shows how Japanese activists influenced approaches to environmentalism and industrial pollution in the Asia-Pacific region, North America, and Europe, as well as landmark United Nations conferences in 1972 and 1992. Japan's experiences with diseases caused by industrial pollution produced a potent "environmental injustice paradigm" that fueled domestic protest and became the motivation for Japanese groups' activism abroad. From the late 1960s onward Japanese activists organized transnational movements addressing mercury contamination in Europe and North America, industrial pollution throughout East Asia, radioactive waste disposal in the Pacific, and global climate change. In all cases, they advocated strongly for the rights of pollution victims and people living in marginalized communities and nations—a position that often put them at odds with those advocating for the global environment over local or national rights. Transnational involvement profoundly challenged Japanese groups' understanding of and approach to activism. Numerous case studies

demonstrate how border-crossing efforts undermined deeply engrained notions of victimhood in the domestic movement and nurtured a more self-reflexive and multidimensional approach to environmental problems and social activism. Transnational Japan in the Global Environmental Movement will appeal to scholars and students interested in the development of civil society, social movements, and environmentalism in contemporary Japan; grassroots inter-Asian connections in the postwar period; and the ways Asian countries and their citizens have shaped and been influenced by global issues like environmentalism.

Intelligent Mechatronic Systems Ludwig von Mises Institute

"The Diary" offers priceless documentation and guidance for an understanding of the rigidity that characterized the Bukharan Amirate throughout its tumultuous final decades of existence, ca. 1880-1920.

Lake Biwa: Interactions between Nature and People London : Macmillan

Japanese Girls and Women by Alice Mabel Bacon, first published in 1899, is a rare manuscript, the original residing in one of the great libraries of the world. This book is a reproduction of that original, which has been scanned and cleaned by state-of-the-art publishing tools for better readability and enhanced appreciation. Restoration Editors' mission is to bring long out of print manuscripts back to life. Some smudges, annotations or unclear text may still exist, due to permanent damage to the original work. We believe the literary significance of the text justifies offering this reproduction, allowing a new generation to appreciate it.

Openbare veiling van drie kapitale hofsteden, een kapbosch en drie einden beplanten dijk, alles liggende in het eiland Noord-Beveland, alsmede vier vier-en-twintigste aandeelen in de meestoof: De Hoop, staande te Geersdijk, Gemeente Wissekerke, door de Notarissen D.J. van der Horst Serlé en A. van den Broecke Az., residerende binnen de stad Middelburg, op vrijdag den 25 mei 1849, des voormiddags ten tien ure, in het Nederlandsch Logement, in de Abdij, binnen de stad Middelburg voornoemd No Starch Press

Acting as a support resource for practitioners and professionals looking to advance their understanding of complex mechatronic systems, Intelligent Mechatronic Systems explains their design and recent developments from first principles to practical applications. Detailed descriptions of the mathematical models of complex mechatronic systems, developed from fundamental physical relationships, are built on to develop innovative solutions with particular emphasis on physical model-based control strategies. Following a concurrent engineering approach, supported by industrial case studies, and drawing on the practical experience of the authors, Intelligent Mechatronic Systems covers range of topic and includes: An explanation of a common graphical tool for integrated design and its uses from modeling and simulation to the control synthesis Introductions to key concepts such as different means of achieving fault tolerance, robust overwhelming control and force and impedance control Dedicated chapters for advanced topics such as multibody dynamics and micro-electromechanical systems, vehicle mechatronic systems, robot kinematics and dynamics, space robotics and intelligent transportation systems Detailed discussion of cooperative environments and reconfigurable systems Intelligent Mechatronic Systems provides control, electrical and mechanical engineers and researchers in industrial automation with a means to design practical, functional and safe intelligent systems.

The Story of the Great War No Starch Press

Tracing the evolution of state military institutions from the seventh through the twelfth centuries, this book challenges much of the received wisdom of Western scholarship on the origins and early development of warriors in Japan. This prelude to the rise of the samurai, who were to become the masters of Japan's medieval and early modern eras, was initiated when the imperial court turned for its police and military protection to hired swords-professional mercenaries largely drawn from the elites of provincial society. By the middle of the tenth century, this provincial military order had been handed a virtual monopoly of Japan's martial resources. Yet it was not until near the end of the twelfth century that these warriors took the first significant steps toward asserting their independence from imperial court control. Why did they not do so earlier? Why did they remain obedient to a court without any other military sources for nearly 300 years? Why did the court put itself in the potentially (and indeed, ultimately) precarious situation of contracting for its military needs with private warriors? These and related questions are the focus of the author's study. Most of the few Western treatments see the origins of the samurai in the incompetence and inactivity of the imperial court that forced residents in the provinces to take up arms themselves. According to this view, a warrior class was spontaneously generated just as one had been in Europe a few centuries earlier, and the Japanese court was doomed to eventually perish by the sword because of its failure to live by it. Instead, the author argues that it was largely court activism that put swords in the hands of rural elites, that court military policy, from the very beginning of the imperial state era, followed a long-term pattern of increasing reliance on the martial skills of the gentry. This policy reflected the court's desire for maximum efficiency in its military institutions, and the policy's success

A Handbook of Modern Japan Syngress

Originally published in 1983 and named one of the Best Books of the Year by The New York Times, this bestselling history is now revised and updated and includes a new final chapter. A far-reaching and masterful work, it explores the events, ideas, and personalities of the seven decades since the First World War.

Modern English in Action University of Hawaii Press

This volume contains the research papers presented at the Eleventh Eurographics Workshop on Computer Animation and Simulation which took place in Interlaken, Switzerland, August 21-22, 2000. The workshop is an international forum for research in human animation, physically-based modeling, motion control, animation systems, and other key aspects of animation and simulation. The call for papers required submission of the full papers for review, and each paper was reviewed by at least 3 members of the international program committee and additional reviewers. Based on the reviews, 14 papers were accepted and the authors were invited to submit a final version for the workshop. We wish to especially thank all reviewers for their time and effort in working within the rigid constraints of the tight schedule, thereby making it possible to publish this volume in time for the workshop. We also thank the authors for their contributions to the workshop, without whom this unique forum for animation and simulation work would not exist. We are grateful to the Eurographics Association and especially to Werner Purgathofer from the Technical University of Vienna, for his support in publishing the workshop as a volume of the Springer-Verlag Eurographics Series. We also thank the Eurographics '2000 organisers, especially David

Duce, and Heinrich Müller from the EG board. We are also very grateful to Ierrin Celebi for the organization of the review process and and Josiane Bottarelli for the registration process.

No Abode John Wiley & Sons

The Ultimate Tool for MINDSTORMS® Maniacs The new MINDSTORMS kit has been updated to include a programming brick, USB cable, RJ11-like cables, motors, and sensors. This book updates the robotics information to be compatible with the new set and to show how sound, sight, touch, and distance issues are now dealt with. The LEGO MINDSTORMS NXT and its predecessor, the LEGO MINDSTORMS Robotics Invention System (RIS), have been called "the most creative play system ever developed." This book unleashes the full power and potential of the tools, sensors, and components that make up LEGO MINDSTORMS NXT. It also provides a unique insight on newer studless building techniques as well as interfacing with the traditional studded beams. Some of the world's leading LEGO MINDSTORMS inventors share their knowledge and development secrets. You will discover an incredible range of ideas to inspire your next invention. This is the ultimate insider's look at LEGO MINDSTORMS NXT system and is the perfect book whether you build world-class competitive robots or just like to mess around for the fun of it. Featuring an introduction by astronaut Dan Barry and written by Dave Astolfo, Invited Member of the MINDSTORMS Developer Program and MINDSTORMS Community Partners (MCP) groups, and Mario and Guilio Ferrari, authors of the bestselling Building Robots with LEGO Mindstorms, this book covers: Understanding LEGO Geometry Playing with Gears Controlling Motors Reading Sensors What's New with the NXT? Building Strategies Programming the NXT Playing Sounds and Music Becoming Mobile Getting Pumped: Pneumatics Finding and Grabbing Objects Doing the Math Knowing Where You Are Classic Projects Building Robots That Walk Robotic Animals Solving a Maze Drawing and Writing Racing Against Time Hand-to-Hand Combat Searching for Precision Complete coverage of the new Mindstorms NXT kit Brought to you by the DaVinci's of LEGO Updated edition of a bestseller

Japanese Girls and Women Springer

N 1964 at the World's Fair in New York I City one room was dedicated solely to mathematics. The display included a very attractive and informative mural, about 13 feet long, sponsored by one of the largest computer manufacturing companies and presenting a brief survey of the history of mathematics. Entitled, "Men of Modern Mathematics," it gives an outline of the development of that science from approximately 1000 B. C. to the year of the exhibition. The first centuries of this time span are illustrated by pictures from the history of art and, in particular, architecture; the period since 1500 is illuminated by portraits of mathematicians, including brief descriptions of their lives and professional achievements. Close to eighty portraits are crowded into a space of about fourteen square feet; among them, only one is of a woman. Her face-mature, intelligent, neither pretty nor handsome-may suggest her love of science-1 Emmy Noether and creative gift, but certainly reveals a likeable personality and a genuine kindness of heart. It is the portrait of Emmy Noether (1882 - 1935), surrounded by the likenesses of such famous men as Joseph Liouville (1809-1882), Georg Cantor (1845-1918), and David Hilbert (1862 -1943). It is accompanied by the following text: Emmy Noether, daughter of the mathematician Max, was often called "Der Noether," as if she were a man.

Imperial Biologists University of Hawaii Press

Official U.S. edition with full color illustrations throughout. NEW YORK TIMES BESTSELLER Yuval Noah Harari, author of the critically-acclaimed New York Times bestseller and international phenomenon *Sapiens*, returns with an equally original, compelling, and provocative book, turning his focus toward humanity's future, and our quest to upgrade humans into gods. Over the past century humankind has managed to do the impossible and rein in famine, plague, and war. This may seem hard to accept, but, as Harari explains in his trademark style—thorough, yet riveting—famine, plague and war have been transformed from incomprehensible and uncontrollable forces of nature into manageable challenges. For the first time ever, more people die from eating too much than from eating too little; more people die from old age than from infectious diseases; and more people commit suicide than are killed by soldiers, terrorists and criminals put together. The average American is a thousand times more likely to die from bingeing at McDonalds than from being blown up by Al Qaeda. What then will replace famine, plague, and war at the top of the human agenda? As the self-made gods of planet earth, what destinies will we set ourselves, and which quests will we undertake? *Homo Deus* explores the projects, dreams and nightmares that will shape the twenty-first century—from overcoming death to creating artificial life. It asks the fundamental questions: Where do we go from here? And how will we protect this fragile world from our own destructive powers? This is the next stage of evolution. This is *Homo Deus*. With the same insight and clarity that made *Sapiens* an international hit and a New York Times bestseller, Harari maps out our future.

The LEGO MINDSTORMS Robot Inventor Idea Book Springer

Steve Shone's *Women of Liberty* explores the many overlaps between ten radical, feminist, and anarchist thinkers: Tennie C. Claffin, Noe Itô, Louise Michel, Rose Pesotta, Margaret Sanger, Elizabeth Cady Stanton, Mollie Steimer, Lois Waisbrooker, Mercy Otis Warren, and Victoria C. Woodhull.

The LEGO Power Functions Idea Book, Volume 1 Springer Science & Business Media

This book is the second edition of *Soft Actuators*, originally published in 2014, with 12 chapters added to the first edition. The subject of this new edition is current comprehensive research and development of soft actuators, covering interdisciplinary study of materials science, mechanics, electronics, robotics, and bioscience. The book includes contemporary research of actuators based on biomaterials for their potential in future artificial muscle technology. Readers will find detailed and useful information about materials, methods of synthesis, fabrication, and measurements to study soft actuators. Additionally, the topics of materials, modeling, and applications not only promote the further research and development of soft actuators, but bring benefits for utilization and industrialization. This volume makes generous use of color figures, diagrams, and photographs that provide easy-to-understand descriptions of the mechanisms, apparatus, and motions of soft actuators. Also, in this second edition the chapters on modeling, materials design, and device design have been given a wider scope and made easier to comprehend, which will be helpful in practical applications of soft actuators. Readers of this work can acquire the newest technology and information about basic science and practical applications of flexible, lightweight, and noiseless soft actuators, which differ from conventional mechanical engines and electric motors. This new edition of *Soft Actuators* will inspire readers with fresh ideas and encourage their research and development, thus opening up a new field of applications for the utilization and industrialization of soft actuators.

Soft Actuators No Starch Press

Explores how Soto monks between the 13th and 16th centuries developed new forms of monastic organization and Zen instructions and new applications for Zen rituals within lay life; how these innovations helped shape rural society; and how remnants of them remain in the modern Soto school, now the Iar

Natural Electromagnetic Fields in Pure and Applied Geophysics Springer Science & Business Media

This research monograph presents all the branches of geophysics based on natural electromagnetic fields and their associated subjects. Meant for postgraduate and research level courses, it includes research guidance and collection of magnetotelluric data in some parts of Eastern India and their qualitative and quantitative interpretation. Specific topics highlighted include (i) Electrotellurics, (ii) Magnetotellurics, (iii) Geomagnetic Depth Sounding and Magnetometer Array Studies, (iv) Audio Frequency Magnetotellurics and Magnetic Methods, (v) Marine Magnetotelluric and Marine Controlled Source Electromagnetic Methods, (vi) Electrical Conductivity of Rocks and Minerals and (vii) Mathematical Modelling and Some Topics on Inversion needed for Interpretation of Geoelectrical Data.

Emmy Noether 1882-1935 No Starch Press

"This new novel of the Change is quite probably the finest by an author who has been growing in skill and imagination for more than twenty-five years." - Booklist (Starred Review) Rudi Mackenzie has journeyed long and far across the land that was once the United States of America, seeking the shore where the sun rises, hoping to find the source of the world-altering event that has come to be known as the Change. His quest ends in Nantucket, an island overrun with forest, inhabited by a mere two hundred people, who claim to have been transported there from out of time. Only one odd stone house remains standing. Within it, Rudi finds a beautifully made sword seemingly waiting for him. And once he takes it up, nothing for Rudi—or for the world that he knows—will ever be the same...

Hirohito No Starch Press

This first volume of The LEGO Power Functions Idea Book, Machines and Mechanisms, showcases small projects to build with LEGO Technic gears, motors, gadgets, and other moving elements. You'll find hundreds of clever, buildable mechanisms, each one demonstrating a key building technique or mechanical principle. You'll learn to build sliding doors, grasping claws, rack-and-pinion mechanisms, and ball-shooting devices of every sort! Each model includes a list of required parts and colorful photographs that guide you through the build without the need for step-by-step instructions. As you build, you'll explore the principles of simple machines, gear systems, power translation, and more.

The LEGO Power Functions Idea Book, Volume 2 No Starch Press

Hirohito: Guilty or Innocent: The Trial of the Emperor is a book of information and training, a reference book that should be read as an educational tool

on Japan's war in South East Asia and the Pacific. The book opens the debate on Hirohito's responsibility during World War II with a posthumous trial against the Japanese emperor before the Permanent Peoples' Court for crimes against peace, war crimes, and crimes against humanity.

The LEGO Technic Idea Book: Fantastic Contraptions No Starch Press

Although, the first edition had a similar focus, more than five years have passed since its publication and the biological and social circumstances of the lake have drastically changed due to, for example, the further expansion of alien species, the decrease of indigenous species, the progress of integrated watershed management by the Union of the Kansai Government which was established in 2010, the legislation of the Conservation and Restoration Act of Lake Biwa in 2015 and more. The new edition will therefore feature updated and new information on the above and more topics as well as updated and revised data based on the latest research. Inventories of respective taxa, especially those of small animals, are also revised based on the latest studies. Furthermore, this volume covers the characteristics of the biota of this ancient lake, but at the same time, it will also approach it as a 'culture ancient lake'. Other topics also include water pollution, lakeshore development, the effects of global warming in the past and present, the influence of people, and countermeasures by local and national governments. Moreover, the volume also provides a comprehensive view on the future of Lake Biwa and that of its residents. Miraculously enough, this ancient lake has kept its water quality clear even until today despite the fact of more than 1.4 million people living on its shores. Finally, the book also gives indispensable information to those engaged in improving and conserving water regimes of lakes and other water bodies all over the world and to those interested in the culture and history of Japan. Lake Biwa is not only one of the rarest ancient lakes of the world, but the people's involvement with the lake also goes back a long way. This is shown in the diverse culture developed in this area and in the various archaeological finds that date back as early as the Jomon Period, nearly 10,000 years ago. Today Lake Biwa fulfills an important role as a water resource by providing domestic, commercial, industrial, and agricultural water for over 14 million residents living around the Lake Biwa-Yodo River drainage basin. This updated volume focuses on the geological and biological features of the lake as well as on the long-term interactions between the people and the lake.

LEGO Technic Non-Electric Models: Clever Contraptions Xlibris Corporation

The LEGO® BOOST® Idea Book contains dozens of ideas for building simple robots with the LEGO BOOST set. The LEGO® BOOST® Idea Book explores 95 creative ways to build simple robots with the LEGO BOOST set. Each model includes a parts list, minimal text, screenshots of programs, and colorful photographs from multiple angles so you can re-create it without step-by-step instructions. You'll learn to build robots that can walk and crawl, shoot and grab objects, and even draw using a pen! Each model demonstrates handy mechanical principles that you can use to come up with your own creations. Models come with building hints and ideas for putting your own spin on things. Best of all, every part you need to build these models comes in the LEGO BOOST Creative Toolbox (set #17101).