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## KEY=RECONSTRUCTION - BAKER WARREN

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**Impact Evaluation in Practice, Second Edition** World Bank Publications The second edition of the *Impact Evaluation in Practice* handbook is a comprehensive and accessible introduction to impact evaluation for policy makers and development practitioners. First published in 2011, it has been used widely across the development and academic communities. The book incorporates real-world examples to present practical guidelines for designing and implementing impact evaluations. Readers will gain an understanding of impact evaluations and the best ways to use them to design evidence-based policies and programs. The updated version covers the newest techniques for evaluating programs and includes state-of-the-art implementation advice, as well as an expanded set of examples and case studies that draw on recent development challenges. It also includes new material on research ethics and partnerships to conduct impact evaluation. The handbook is divided into four sections: Part One discusses what to evaluate and why; Part Two presents the main impact evaluation methods; Part Three addresses how to manage impact evaluations; Part Four reviews impact evaluation sampling and data collection. Case studies illustrate different applications of impact evaluations. The book links to complementary instructional material available online, including an applied case as well as questions and answers. The updated second edition will be a valuable resource for the international development community, universities, and policy makers looking to build better evidence around what works in development. **Strengthening Forensic Science in the United States A Path Forward** National Academies Press Scores of talented and dedicated people serve the forensic science community, performing vitally important work. However, they are often constrained by lack of adequate resources, sound policies, and national support. It is clear that change and advancements, both systematic and scientific, are needed in a number of forensic science disciplines to ensure the reliability of work, establish enforceable standards, and promote best practices with consistent application. *Strengthening Forensic Science in the United States: A Path Forward* provides a detailed plan for addressing these needs and suggests the creation of a new government entity, the National Institute of Forensic Science, to establish and enforce standards within the forensic science community. The benefits of improving and regulating the forensic science disciplines are clear: assisting law enforcement officials, enhancing homeland security, and reducing the risk of wrongful conviction and exoneration. *Strengthening Forensic Science in the United States* gives a full account of what is needed to advance the forensic science disciplines, including upgrading of systems and organizational structures, better training, widespread adoption of uniform and enforceable best practices, and mandatory certification and accreditation programs. While this book provides an essential call-to-action for congress and policy makers, it also serves as a vital tool for law enforcement agencies, criminal prosecutors and attorneys, and forensic science educators. **Machine Learning for Tomographic Imaging** Programme: Iop Expanding Physi Machine learning represents a paradigm shift in tomographic imaging, and image reconstruction is a new frontier of machine learning. This book will meet the needs of those who want to catch the wave of smart imaging. The book targets graduate students and researchers in the imaging community. Open network software, working datasets, and multimedia will be included. The first of its kind in the emerging field of deep reconstruction and deep imaging, *Machine Learning for Tomographic Imaging* presents the most essential elements, latest progresses and an in-depth perspective on this important topic. **Lower Extremity Reconstruction A Practical Guide** Thieme The state-of-the-art guide to lower extremity reconstruction from international experts "I loved witnessing two generations of surgeons working together to capture it all: origin, evolution and progress, state of the art, and the future in one beautifully-crafted and exciting book. This is no doubt a must-read and must-have book." - from the Foreword by Fu-Chan Wei, MD Adequate evaluation of lower limb wounds for salvage requires an itemized assessment of vascular, osseous, soft tissue, and functional deficits. *Lower Extremity Reconstruction: A Practical Guide* by renowned reconstructive surgeons and perforator flap masters J.P. Hong and Geoffrey G. Hallock presents an orthoplastic approach to this growing and challenging area of microsurgery. Throughout the well-illustrated text and videos, an impressive cadre of international surgeons share pearls and insights, including esoteric knowledge and step-by-step demonstration of techniques with pertinent case examples. This unique guide presents a practical, visual, and stepwise approach to learning and mastering a full array of flap and microsurgery approaches for traumatic, dysvascular, metabolic, and oncologic lower limb defects. Organized into 26 topic-specific chapters, the book covers a full spectrum of lower extremity topics—from wound prep, timing, closure alternatives, and therapy, to soft-tissue tumors and a new concept in drop foot treatment. Numerous videos demonstrate how surgeons can leverage workhorse options to prevent chronic non-healing wounds or amputations and achieve the goal of limb salvage. **Key Highlights** Lower extremity soft-tissue reconstruction techniques using local muscle and perforator workhorse flaps Bone salvage and restoration techniques, including vascularized bone grafts Diabetic foot management with in-depth discussion of the SCIP flap and perforator-to-perforator concept Rationale for partial and subtotal foot amputation 27 videos and more than 600 illustrations enhance

understanding of microsurgical interventions With insights from top microsurgeons on how to achieve the best outcomes for patients with lower limb defects, this is a must-have resource for plastic and orthopaedic surgeons, especially specialists who treat patients at trauma centers. **The British Study Edition of the Urantia Papers Book [eReader PDF]** Tigran Aivazian The British Study Edition of the Urantia Papers is based on the standard SRT text, but uses the metric system and adds a critical apparatus of textual variants and study notes. **Safer Homes, Stronger Communities A Handbook for Reconstructing after Natural Disasters** World Bank Publications This handbook is designed to guide public sector managers and development practitioners through the process of large-scale housing reconstruction after major disasters, based on the experiences of recent reconstruction programs in Aceh (Indonesia), Sri Lanka, Pakistan, Gujarat (India) and Bam (Iran). **Annual Editions: United States History, Volume 2: Reconstruction Through the Present** McGraw-Hill Education The Annual Editions series is designed to provide convenient, inexpensive access to a wide range of current articles from some of the most respected magazines, newspapers, and journals published today. Annual Editions are updated on a regular basis through a continuous monitoring of over 300 periodical sources. The articles selected are authored by prominent scholars, researchers, and commentators writing for a general audience. Each Annual Editions volume has a number of features designed to make them especially valuable for classroom use: an annotated Table of Contents, a Topic Guide, an annotated listing of supporting websites, Learning Outcomes and a brief overview for each unit, and Critical Thinking questions at the end of each article. Go to the McGraw-Hill Create™ Annual Editions Article Collection at [www.mcgrawhillcreate.com/annualeditions](http://www.mcgrawhillcreate.com/annualeditions) to browse the entire collection. Select individual Annual Editions articles to enhance your course, or access and select the entire Madaras: Annual Editions: United States History, Volume 2: Reconstruction Through the Present, 22/e ExpressBook for an easy, pre-built teaching resource by clicking here. An online Instructor's Resource Guide with testing material is available for each Annual Editions volume. Using Annual Editions in the Classroom is also an excellent instructor resource. Visit the Create Central Online Learning Center at [www.mhhe.com/createcentral](http://www.mhhe.com/createcentral) for more details. **Disease Control Priorities in Developing Countries** World Bank Publications Based on careful analysis of burden of disease and the costs of interventions, this second edition of 'Disease Control Priorities in Developing Countries, 2nd edition' highlights achievable priorities; measures progress toward providing efficient, equitable care; promotes cost-effective interventions to targeted populations; and encourages integrated efforts to optimize health. Nearly 500 experts - scientists, epidemiologists, health economists, academicians, and public health practitioners - from around the world contributed to the data sources and methodologies, and identified challenges and priorities, resulting in this integrated, comprehensive reference volume on the state of health in developing countries. **Democracy and Education** Read Books Ltd This antiquarian volume contains a comprehensive treatise on democracy and education, being an introduction to the 'philosophy of education'. Written in clear, concise language and full of interesting expositions and thought-provoking assertions, this volume will appeal to those with an interest in the role of education in society, and it would make for a great addition to collections of allied literature. The chapters of this book include: 'Education as a Necessity of Life'; 'Education as a Social Function'; 'Education as Direction'; 'Education as Growth'; 'Preparation, Unfolding, and Formal Discipline'; 'Education as Conservative and Progressive'; 'The Democratic Conception in Education'; 'Aims in Education', etcetera. We are republishing this vintage book now complete with a new prefatory biography of the author. **Exploring Universal Basic Income A Guide to Navigating Concepts, Evidence, and Practices** World Bank Publications Universal basic income (UBI) is emerging as one of the most hotly debated issues in development and social protection policy. But what are the features of UBI? What is it meant to achieve? How do we know, and what don't we know, about its performance? What does it take to implement it in practice? Drawing from global evidence, literature, and survey data, this volume provides a framework to elucidate issues and trade-offs in UBI with a view to help inform choices around its appropriateness and feasibility in different contexts. Specifically, the book examines how UBI differs from or complements other social assistance programs in terms of objectives, coverage, incidence, adequacy, incentives, effects on poverty and inequality, financing, political economy, and implementation. It also reviews past and current country experiences, surveys the full range of existing policy proposals, provides original results from micro-tax benefit simulations, and sets out a range of considerations around the analytics and practice of UBI. **The Practice of Political Theory Rorty and Continental Thought** Columbia University Press Recent political thought has grappled with a crisis in philosophical foundations: how do we justify the explicit and implicit normative claims and assumptions that guide political decisions and social criticism? In *The Practice of Political Theory*, Clayton Chin presents a critical reconstruction of the work of Richard Rorty that intervenes in the current surge of methodological debates in political thought, arguing that Rorty provides us with unrecognized tools for resolving key foundational issues. Chin illustrates the significance of Rorty's thought for contemporary political thinking, casting his conception of "philosophy as cultural politics" as a resource for new models of sociopolitical criticism. He juxtaposes Rorty's pragmatism with the ontological turn, illuminating them as alternative interventions in the current debate over the crisis of foundations in philosophy. Chin places Rorty in dialogue with continental philosophy and those working within its legacy. Focused on both important questions in pragmatist scholarship and central issues in contemporary political thought, *The Practice of Political Theory* is an important response to the vexed questions of justification and pluralism. **Oncoplastic Breast Reconstruction Guidelines for Best Practice Rebuilding Asia Following Natural Disasters Approaches to Reconstruction in the Asia-Pacific Region** Cambridge University Press Provides a detailed and comparative assessment of the humanitarian responses to major disasters in Asia over the past two decades. **Sustainable Housing Reconstruction Designing resilient housing after natural disasters** Routledge Through 12 case studies from Australia, Bangladesh, Haiti, Sri Lanka, Vietnam and the USA, this book focuses on the housing reconstruction process after an earthquake, tsunami, cyclone, flood or fire. Design of post-disaster housing is not simply replacing the destroyed house but, as these case studies highlight, a means to not only build a safer house but also a more resilient community; not to simply return to the same condition as before the disaster, but an opportunity for building back better. The book explores two main themes: Housing reconstruction is most successful when involving the users in the design and construction process Housing reconstruction is most effective when it is integrated with community infrastructure, services and the means to create real livelihoods. The case studies included in this book highlight work completed by different agencies and built environment professionals in diverse disaster-affected contexts. With a global acceleration of natural disasters, often linked to accelerating climate change, there is a critical demand for robust housing solutions for vulnerable communities. This book provides professionals, policy makers and community stakeholders working in the international development and disaster risk management sectors, with an evidence-based exploration of how to add real value through the design process in housing

reconstruction. Herein then, the knowledge we need to build, an approach to improve our processes, a window to understanding the complex domain of post-disaster housing reconstruction.

**Human Population Genetics** John Wiley & Sons Introductory guide to human population genetics and microevolutionary theory Providing an introduction to mathematical population genetics, *Human Population Genetics* gives basic background on the mechanisms of human microevolution. This text combines mathematics, biology, and anthropology and is best suited for advanced undergraduate and graduate study. Thorough and accessible, *Human Population Genetics* presents concepts and methods of population genetics specific to human population study, utilizing uncomplicated mathematics like high school algebra and basic concepts of probability to explain theories central to the field. By describing changes in the frequency of genetic variants from one generation to the next, this book hones in on the mathematical basis of evolutionary theory. *Human Population Genetics* includes: Helpful formulae for learning ease Graphs and analogies that make basic points and relate the evolutionary process to mathematical ideas Glossary terms marked in boldface within the book the first time they appear In-text citations that act as reference points for further research Exemplary case studies Topics such as Hardy-Weinberg equilibrium, inbreeding, mutation, genetic drift, natural selection, and gene flow *Human Population Genetics* solidifies knowledge learned in introductory biological anthropology or biology courses and makes it applicable to genetic study. NOTE: errata for the first edition can be found at the author's website: <http://employees.oneonta.edu/relethjh/HPG/errata.pdf>

**Contractors in the Government Workplace Managing the Blended Workforce** Government Institutes This handbook introduces the fundamentals of managing government-contractor relations in a blended workforce. It explains in a straightforward way all aspects of government contracting that acquisition personnel need to know, including the basics of service-based contracting, the government-contractor relationship, acquisition team responsibilities, administration procedures, contract language, common mistakes government managers may make, methods of evaluation, Performance-Based Service Acquisitions, and ethical and legal concerns.

**Ten Steps to a Results-based Monitoring and Evaluation System A Handbook for Development Practitioners** World Bank Publications An effective state is essential to achieving socio-economic and sustainable development. With the advent of globalization, there are growing pressures on governments and organizations around the world to be more responsive to the demands of internal and external stakeholders for good governance, accountability and transparency, greater development effectiveness, and delivery of tangible results. Governments, parliaments, citizens, the private sector, NGOs, civil society, international organizations and donors are among the stakeholders interested in better performance. As demands for greater accountability and real results have increased, there is an attendant need for enhanced results-based monitoring and evaluation of policies, programs, and projects. This Handbook provides a comprehensive ten-step model that will help guide development practitioners through the process of designing and building a results-based monitoring and evaluation system. These steps begin with a OC Readiness Assessment OCO and take the practitioner through the design, management, and importantly, the sustainability of such systems. The Handbook describes each step in detail, the tasks needed to complete each one, and the tools available to help along the way."

**Handbook of Research on Global Challenges for Improving Public Services and Government Operations** IGI Global As the field of public administration has been changing due to globalization, government reforms, and increasing governance practices within intergovernmental networks, research and teaching in public administration also adapted itself to these changes. Public policy research and instruction has become transformed and has diffused into other countries with the help of international organizations and other agents of change and transfer. Research in this field is seen as an opportunity for a definitive shift from traditional models of public administration in the sense that policies may be better designed, articulated, and governed through a collaborative approach, while service provision could be enhanced in terms of proximity, representativeness, and innovativeness. The Handbook of Research on Global Challenges for Improving Public Services and Government Operations provides comprehensive approaches to the study of public administration and public policy from a comparative perspective and includes sound theories and concepts for understanding opportunities and challenges governments face when seeking to improve public services and government operations. The book is a compilation of selective high-quality chapters covering cases, experiences, and practical recommendations on topics related to public administration, public policy, social policy, public management, and public affairs. This book is ideal for policymakers, students, and researchers in the field of public administration, public policy, governance, public management, public affairs, citizen engagement, and administrative sciences and management along with practitioners, stakeholders, and academicians interested in the best practices of various countries in public administration and policy.

**Handbook of Research on Emerging Digital Tools for Architectural Surveying, Modeling, and Representation** IGI Global Technological revolutions have changed the field of architecture exponentially. The advent of new technologies and digital tools will continue to advance the work of architects globally, aiding in architectural design, planning, implementation, and restoration. The Handbook of Research on Emerging Digital Tools for Architectural Surveying, Modeling, and Representation presents expansive coverage on the latest trends and digital solutions being applied to architectural heritage. Spanning two volumes of research-based content, this publication is an all-encompassing reference source for scholars, IT professionals, engineers, architects, and business managers interested in current methodologies, concepts, and instruments being used in the field of architecture.

**Handbook on Impact Evaluation Quantitative Methods and Practices** World Bank Publications Public programs are designed to reach certain goals and beneficiaries. Methods to understand whether such programs actually work, as well as the level and nature of impacts on intended beneficiaries, are main themes of this book.

**Authentic Reconstruction Authenticity, Architecture and the Built Heritage** Bloomsbury Publishing Notions of authenticity lie at the heart of many questions about heritage and identity in the built environment. These questions are most pertinent when buildings have been destroyed in disaster or war, and the built fabric is being reconstructed to reinstate traditional or historic appearances in place of what was lost. *Authentic Reconstruction* examines this idea of reconstruction, using it as a prompt to examine a range of deeper issues on heritage and the built environment. From post-WWII reconstruction programmes through to the rebuilding of historic cultural landscapes lost in natural disasters, this collection of essays by heritage specialists provides a wide range of case-studies and discussions. Each presents responses to crises and lessons learned, in order to extrapolate general guidelines for future actions by politicians, architects and planners in reconstructing buildings. The book also looks beyond disaster and war, noting how authenticity bears on political intentions and image building, exploring how reconstruction is used to tell a political or historical story, so conditioning the ways in which the built environment is perceived and appreciated by its users. This is not just about the buildings as bricks and mortar, but about perceptions of identity and the social and historical values which buildings and spaces embody for a

richly diverse population. This book will be valuable to all who are concerned with heritage as practitioners or consumers, particularly those concerned with reconstruction and the creation of authentic places and experiences: architects, architectural historians, town planners, preservationists, conservationists, and those involved in heritage management and material culture. **Research Design Qualitative, Quantitative, and Mixed Methods Approaches** SAGE Publications This best-selling text pioneered the comparison of qualitative, quantitative, and mixed methods research design. For all three approaches, John W. Creswell and new co-author J. David Creswell include a preliminary consideration of philosophical assumptions, key elements of the research process, a review of the literature, an assessment of the use of theory in research applications, and reflections about the importance of writing and ethics in scholarly inquiry. The Fifth Edition includes more coverage of: epistemological and ontological positioning in relation to the research question and chosen methodology; case study, PAR, visual and online methods in qualitative research; qualitative and quantitative data analysis software; and in quantitative methods more on power analysis to determine sample size, and more coverage of experimental and survey designs; and updated with the latest thinking and research in mixed methods. *SHARE* this Comparison of Research Approaches poster with your students to help them navigate the distinction between the three approaches to research.

**Analyzing Health Equity Using Household Survey Data A Guide to Techniques and their Implementation** World Bank Publications Have gaps in health outcomes between the poor and better off grown? Are they larger in one country than another? Are health sector subsidies more equally distributed in some countries than others? Are health care payments more progressive in one health care financing system than another? What are catastrophic payments and how can they be measured? How far do health care payments impoverish households? Answering questions such as these requires quantitative analysis. This in turn depends on a clear understanding of how to measure key variables in the analysis, such as health outcomes, health expenditures, need, and living standards. It also requires set quantitative methods for measuring inequality and inequity, progressivity, catastrophic expenditures, poverty impact, and so on. This book provides an overview of the key issues that arise in the measurement of health variables and living standards, outlines and explains essential tools and methods for distributional analysis, and, using worked examples, shows how these tools and methods can be applied in the health sector. The book seeks to provide the reader with both a solid grasp of the principles underpinning distributional analysis, while at the same time offering hands-on guidance on how to move from principles to practice. **Buddhism After Patriarchy A Feminist History, Analysis, and Reconstruction of Buddhism** Marcombo This book surveys both the part women have played in Buddhism historically and what Buddhism might become in its post-patriarchal future. The author completes the Buddhist historical record by discussing women, usually absent from histories of Buddhism, and she provides the first feminist analysis of the major concepts found in Buddhist religion. Gross demonstrates that the core teachings of Buddhism promote gender equity rather than male dominance, despite the often sexist practices found in Buddhist institutions throughout history. **Girls' Education in the Twenty-first Century** World Bank Publications Persuasive evidence demonstrates that gender equality in education is central to economic development. Despite more than two decades of accumulated knowledge and evidence of what works in improving gender equality, progress on the ground remains slow and uneven across countries. What is missing? Given that education is a critical path to accelerate progress toward gender equality and the empowerment of women, what is holding us back? These questions were discussed at the global symposium *Education: A Critical Path to Gender Equality and Women's Empowerment*, which was sponsored by the World Bank in October 2007. *Girls' Education in the 21st Century* is based on background papers developed for the symposium. The book's chapters reflect the current state of knowledge on education from a gender perspective and highlight the importance of, and challenges to, female education, as well as the interdependence of education and development objectives. The last chapter presents five strategic directions for advancing gender equality in education and their implications for World Bank operations. *Girls' Education in the 21st Century* will be of particular interest to researchers, educators, school administrators, and policy makers at the global, national, regional, and municipal levels. **The Medici Wedding of 1589 Florentine Festival as *Theatrum Mundi*** Yale University Press The marriage in 1589 of Grand Duke Ferdinando de' Medici and the French princess Christine of Lorraine was a landmark event in Renaissance art and architecture, theater, music, and political ceremonial. Celebrated by a month of elaborate pageantry that required a full year of preparations, the wedding mobilized the combined artistic, intellectual, and administrative forces of Tuscany at the zenith of its wealth, power, and cultural prestige. This book combines art and social history to present the first comprehensive reconstruction of the Medici wedding and in the process provides a fascinating narrative of Florentine culture during the Renaissance. James Saslow draws on a rich trove of visual and archival sources to describe the jousts, plays, musical-dramatic intermedii, processions, and tournaments that celebrated the wedding; the artists, musicians, and architects who created and organized the events; and the bureaucratic administration that sustained this Renaissance "theater of the world." His sources include producers' daily logbooks and detailed records of the design process, staff, payments, and logistics, as well as eighty-eight set and costume drawings, paintings, and prints, which appear in a catalogue included in the book. Saslow's study will be of interest to practitioners and historians of theater, dance, music, and the visual arts, as well as to students of political and economic history and cultural studies. **Disease Control Priorities, Third Edition (Volume 9) Improving Health and Reducing Poverty** World Bank Publications As the culminating volume in the DCP3 series, volume 9 will provide an overview of DCP3 findings and methods, a summary of messages and substantive lessons to be taken from DCP3, and a further discussion of cross-cutting and synthesizing topics across the first eight volumes. The introductory chapters (1-3) in this volume take as their starting point the elements of the Essential Packages presented in the overview chapters of each volume. First, the chapter on intersectoral policy priorities for health includes fiscal and intersectoral policies and assembles a subset of the population policies and applies strict criteria for a low-income setting in order to propose a "highest-priority" essential package. Second, the chapter on packages of care and delivery platforms for universal health coverage (UHC) includes health sector interventions, primarily clinical and public health services, and uses the same approach to propose a highest priority package of interventions and policies that meet similar criteria, provides cost estimates, and describes a pathway to UHC. **The Asian Tsunami Aid and Reconstruction After a Disaster** Edward Elgar Publishing The 2004 Asian tsunami was the greatest natural disaster in recent times. Almost 230,000 people died. In response, governments in Asia and the broader international community announced large aid programs. The resulting assistance effort was one of the largest humanitarian programs ever organized in the developing world. This book discusses the lessons of the aid effort for disaster protection policy in developing countries. **Real-Time Three-Dimensional Imaging of Dielectric Bodies Using Microwave/Millimeter Wave Holography** John Wiley & Sons A guide to the applications of holographic techniques for microwave

and millimeter wave imaging *Real-Time Three-Dimensional Imaging of Dielectric Bodies Using Microwave/Millimeter Wave Holography* offers an authoritative guide to the field of microwave holography for the specific application of imaging dielectric bodies. The authors—*noted experts on the topic*—review the early works in the area of optical and microwave holographic imaging and explore recent advances of the microwave and millimeter wave imaging techniques. These techniques are based on the measurement of both magnitude and phase over an aperture and then implementing digital image reconstruction. The book presents developments in the microwave holographic techniques for near-field imaging applications such as biomedical imaging and non-destructive testing of materials. The authors also examine novel holographic techniques to gain super-resolution or quantitative images. The book also includes a discussion of the capabilities and limitations of holographic reconstruction techniques and provides recommendations for overcoming many of the limitations. This important book:

- Describes the evolution of wide-band microwave holography techniques from synthetic aperture radar principles
- Explores two major approaches to near-field microwave holography: Using the incident field and Green's function information and using point-spread function of the imaging system
- Introduces the "diffraction limit" in the resolution for techniques that are based on the Born approximation, and provides techniques to overcome this limit

Written for students and research associates in microwave and millimeter wave engineering, *Real-Time Three-Dimensional Imaging of Dielectric Bodies Using Microwave/Millimeter Wave Holography* reviews microwave and millimeter-wave imaging techniques based on the holographic principles and provides information on the most current developments.

**Gravel Roads Maintenance and Design Manual** The purpose of this manual is to provide clear and helpful information for maintaining gravel roads. Very little technical help is available to small agencies that are responsible for managing these roads. Gravel road maintenance has traditionally been "more of an art than a science" and very few formal standards exist. This manual contains guidelines to help answer the questions that arise concerning gravel road maintenance such as: What is enough surface crown? What is too much? What causes corrugation? The information is as nontechnical as possible without sacrificing clear guidelines and instructions on how to do the job right.

**US Army's Effectiveness in Reconstruction According to the Guiding Principles of Stabilization** Springer Nature This book breaks down the outcomes of stabilization operations including those related to establishing or enhancing safety and security, institutions of governance, rule of law, social well-being, economic development, access to education and health care, infrastructure development, reducing corruption and all the associated elements for shoring up fragile communities. These are analyzed through the unusual lens of the US post-Civil War case of Reconstruction, and lessons are identified for improving outcomes for future stabilization missions. The book is designed to be accessible to military advisors, international development professionals, students, policymakers and planners, and all who are involved in peacebuilding in the field, not only in the ivory tower.

**Guide to Medical Image Analysis Methods and Algorithms** Springer This book presents a comprehensive overview of medical image analysis. Practical in approach, the text is uniquely structured by potential applications. Features: presents learning objectives, exercises and concluding remarks in each chapter, in addition to a glossary of abbreviations; describes a range of common imaging techniques, reconstruction techniques and image artefacts; discusses the archival and transfer of images, including the HL7 and DICOM standards; presents a selection of techniques for the enhancement of contrast and edges, for noise reduction and for edge-preserving smoothing; examines various feature detection and segmentation techniques, together with methods for computing a registration or normalisation transformation; explores object detection, as well as classification based on segment attributes such as shape and appearance; reviews the validation of an analysis method; includes appendices on Markov random field optimization, variational calculus and principal component analysis.

**A Guide to Assessing Needs Essential Tools for Collecting Information, Making Decisions, and Achieving Development Results** World Bank Publications Making informed decisions is the essential beginning to any successful development project. Before the project even begins, you can use needs assessment approaches to guide your decisions. This book is filled with practical strategies that can help you define the desired results and select the most appropriate activities for achieving them.

**Conditional Cash Transfers Reducing Present and Future Poverty** World Bank Publications Conditional Cash Transfer (CCT) programs aim to reduce poverty by making welfare programs conditional upon the receivers' actions. That is, the government only transfers the money to persons who meet certain criteria. These criteria may include enrolling children into public schools, getting regular check-ups at the doctor's office, receiving vaccinations, or the like. They have been hailed as a way of reducing inequality and helping households break out of a vicious cycle whereby poverty is transmitted from one generation to another. Do these and other claims make sense? Are they supported by the available empirical evidence? This volume seeks to answer these and other related questions. Specifically, it lays out a conceptual framework for thinking about the economic rationale for CCTs; it reviews the very rich evidence that has accumulated on CCTs; it discusses how the conceptual framework and the evidence on impacts should inform the design of CCT programs in practice; and it discusses how CCTs fit in the context of broader social policies. The authors show that there is considerable evidence that CCTs have improved the lives of poor people and argue that conditional cash transfers have been an effective way of redistributing income to the poor. They also recognize that even the best-designed and managed CCT cannot fulfill all of the needs of a comprehensive social protection system. They therefore need to be complemented with other interventions, such as workfare or employment programs, and social pensions.

**Current Concepts in ACL Reconstruction** SLACK Incorporated From evaluation to outcome, *Current Concepts in ACL Reconstruction* will help you keep pace with the latest techniques for the treatment of anterior cruciate ligament injuries. This text provides the most complete and up-to-date information for the surgical reconstruction of a torn ACL including details about the newer double-bundle procedure. Both American and international perspectives on the treatment of ACL injuries are included to provide the most comprehensive review on the market today. Inside this richly illustrated text, Drs. Freddie H. Fu and Steven B. Cohen along with contributions from the world's most experienced knee surgeons review the basic science, kinematic, imaging, and injury patterns surrounding the ACL. Surgical concepts, various techniques for reconstruction, and diverse opinions on approaching the ACL are also included. *Current Concepts in ACL Reconstruction* explains the anatomical basis in order to provide the most current surgical principles to ensure the patient receives the best surgical outcomes. To reflect recent advancements in ACL treatment, the emerging double-bundle technique is comprehensively covered. The differences between the single- and double-bundle techniques are discussed with perspectives from leading international experts in double-bundle reconstruction. An accompanying video CD-ROM demonstrates the various procedures mentioned throughout the text. In addition, several of the world's most experienced surgeons provide their perspective from what they have learned by performing ACL surgery for over 25 years, along with their insight into the future treatment of ACL injuries. What you will want to learn more about:

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Differences between single- and double-bundle reconstruction techniques • Outcomes of single- and double-bundle reconstruction • Pediatric ACL reconstruction • Gender differences in ACL injury • Radiographic imaging • Computer navigation assistance for ACL reconstruction • Injury patterns of the ACL • Graft choices in ACL surgery • Revision ACL surgery • Postoperative rehabilitation after ACL reconstruction • Outcome measures to assess success after surgery

**Current Concepts in ACL Reconstruction** answers the need for a comprehensive information source on the treatment of ACL injuries. Orthopedic residents and surgeons will be prepared with this thorough review of ACL reconstruction by their side.

**Breast Cancer Management for Surgeons A European Multidisciplinary Textbook** Springer This textbook provides a comprehensive overview of the state of the art knowledge of breast cancer management for the modern breast surgeon. It covers all aspects of multidisciplinary care including primary breast and axillary surgery, reconstruction and oncoplastic techniques, external beam radiotherapy and newer techniques such as tomotherapy, intraoperative radiotherapy and brachytherapy. In addition, systemic therapies including chemotherapy, the latest biological targeted therapies and endocrine therapies are covered. Readers can find out about other important aspects of breast cancer such as genetics, screening, imaging and long-term health among others. Chapters take the reader through the basics up to the highest levels of knowledge in an easy to understand format with management algorithms to aid clinical care, generous referencing of the best literature and figures and photographs to illustrate each section. Published with the official approval of the European Society of Surgical Oncology (ESSO) and the European Society of Breast Cancer Specialists (EUSOMA), the book is written by a panel of recognised leaders in the field and is an indispensable guide for the practicing breast specialist and senior specialists in training, wishing to update their knowledge with the latest trends or polish off their training before accreditation.

**Guiding Principles for Stabilization and Reconstruction** US Institute of Peace Press "Guiding principles for stabilization and reconstruction presents the first-ever, comprehensive set of shared principles for building sustainable peace in societies emerging from violent conflict ... A product of the collaboration between the United States Institute of Peace and the United States Army Peacekeeping and Stability Operations Institute, this manual reflects the input of dozens of institutions across the peacebuilding community. It is based on a comprehensive review of major strategic policy documents from state ministries of defense, foreign affairs and development, along with major intergovernmental and nongovernmental organizations that toil in war-shattered landscapes around the globe"--Page 4 of cover.

**Outdoor and Large-Scale Real-World Scene Analysis 15th International Workshop on Theoretical Foundations of Computer Vision, Dagstuhl Castle, Germany, June 26 - July 1, 2011. Revised Selected Papers** Springer This book constitutes the thoroughly refereed post-proceedings of the 15th International Workshop on Theoretic Foundations of Computer Vision, held as a Dagstuhl Seminar in Dagstuhl Castle, Germany, in June/July 2011. The 19 revised full papers presented were carefully reviewed and selected after a blind peer-review process. The topic of this Workshop was Outdoor and Large-Scale Real-World Scene Analysis, which covers all aspects, applications and open problems regarding the performance or design of computer vision algorithms capable of working in outdoor setups and/or large-scale environments. Developing these methods is important for driver assistance, city modeling and reconstruction, virtual tourism, telepresence, and motion capture.

**Uncertain Projective Geometry Statistical Reasoning for Polyhedral Object Reconstruction** Springer Science & Business Media Algebraic projective geometry, with its multilinear relations and its embedding into Grassmann-Cayley algebra, has become the basic representation of multiple view geometry, resulting in deep insights into the algebraic structure of geometric relations, as well as in efficient and versatile algorithms for computer vision and image analysis. This book provides a coherent integration of algebraic projective geometry and spatial reasoning under uncertainty with applications in computer vision. Beyond systematically introducing the theoretical foundations from geometry and statistics and clear rules for performing geometric reasoning under uncertainty, the author provides a collection of detailed algorithms. The book addresses researchers and advanced students interested in algebraic projective geometry for image analysis, in statistical representation of objects and transformations, or in generic tools for testing and estimating within the context of geometric multiple-view analysis.

**Research and Education in Urban History in the Age of Digital Libraries Second International Workshop, UHDL 2019, Dresden, Germany, October 10-11, 2019, Revised Selected Papers** Springer Nature This book constitutes selected and revised papers from the Second International Conference on Research and Education in Urban History in the Age of Digital Libraries, UHDL 2019, held in Dresden, Germany, in October 2021. The 11 full papers presented in this volume were thoroughly reviewed and selected from 41 submissions. They are organized in the topical sections on theory, methods and systematization; visualization and presentation; machine learning and artificial intelligence.- policies, legislation and standards.