

# Access Free The Art And Science Of Hdr Imaging The Wiley Is T Pdf Free Copy

*The Art and Science of HDR Imaging* **Practical HDR High Dynamic Range Imaging High Dynamic Range Video High Dynamic Range Video** *The high dynamic range imaging pipeline* **Advanced High Dynamic Range Imaging Digital Photography for Science High Dynamic Range Video A World in HDR Nuclear Science Abstracts The High Dynamic Range Imaging Pipeline William Barton Rogers and the Idea of MIT Vision Models for High Dynamic Range and Wide Colour Gamut Imaging Nuclear Science Abstracts Fort George G. Meade, Addressing Campus Development High Dynamic Range Imaging The Physics of Living Systems Job Choices ... in Science & Engineering Digital Nature Photography Henry Darwin Rogers, 1808–1866 The Art, Science, and Craft of Great Landscape Photography, 2nd Edition World Congress of Medical Physics and Biomedical Engineering 2006 Social Science Review Advanced High Dynamic Range Imaging Robust Depth Estimation and Its Applications to HDR Imaging and Free View Generation The HDRI Handbook 2.0 Management Science Klickitat Hatchery Complex Program Higher Education and Scientific Research in the Arabian Gulf States The Oxford Handbook of Computational Linguistics Enzyme Technology The Art, Science, and Craft of Great Landscape Photography Artificial Intelligence, Machine Learning, and Data Science Technologies Practical HDRI Scholars and Prophets The International Encyclopedia of Science Glencoe Earth Science Wireless Internet Technologies The Harper Encyclopedia of Science**

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In this book, physics in its many aspects (thermodynamics, mechanics, electricity, fluid dynamics) is the guiding light on a fascinating journey through biological systems, providing ideas, examples and stimulating reflections for undergraduate physics, chemistry and life-science students, as well as for anyone interested in the frontiers between physics and biology. Rather than introducing a lot of new information, it encourages young students to use their recently acquired knowledge to start seeing the physics behind the biology. As an undergraduate textbook in introductory biophysics, it includes the necessary background and tools, including exercises and appendices, to form a progressive course. In this case, the chapters can be used in the order proposed, possibly split between two semesters. The book is also an absorbing read for researchers in the life sciences who wish to refresh or go deeper into the physics concepts gleaned in their early years of scientific training. Less physics-oriented readers might want to skip the first chapter, as well as all the "gray boxes" containing the more formal developments, and create their own à-la-carte menu of chapters. Henry Darwin Rogers is a familiar figure in the history of American geology, especially as the director of the first state geological surveys of New Jersey and Pennsylvania. Although best remembered for the survey work, Rogers considered his theory of mountain elevation to be his most important scientific legacy. Based on studies of the Appalachian Mountains, Rogers's elevation theory was the first American explanation of the dynamics of elevation. As a study of the Pennsylvania survey, this volume offers new insight into the origin and problems associated with early surveys. As a study of Rogers's life and work, it presents a portrait of a man with strong convictions and dedication and examines the development and application of his ideas. Imaging techniques seek to simulate the array of light that reaches our eyes to provide the illusion of sensing scenes directly. Both photography and computer graphics deal with the generation of images. Both disciplines have to cope with the high dynamic range in the energy of visible light that human eyes can sense. Traditionally photography and computer graphics took different approaches to the high dynamic range problem. Work over the last ten years though has unified these disciplines and created powerful new tools for the creation of complex, compelling and realistic images. This book provides a practical introduction to the emerging new discipline of high dynamic range imaging that combines photography and computer graphics. By providing detailed equations and code, the book gives the reader the tools needed to experiment with new techniques for creating compelling images. A supplemental website contains downloads and additional information. High Dynamic Range Video: Concepts, Technologies and Applications gives an introduction to a full range of topics within the end-to-end HDR video pipeline, covering the issues around capturing HDR and stereo HDR video, such as ghosting and use of legacy LDR systems, how HDR video can be manipulated, including real-time mixing, the very latest designs for HDR displays, HDR video on mobile devices, and the applications of HDR video. With this book, the reader will gain an overview of the current state-of-the art of HDR video, learn the potential of HDR video to provide a step change to a wide range of imaging applications, and attain the knowledge

needed to introduce HDR video in their own applications. Exploring the intersection of Rogers' educational philosophy and the rise of technical institutes in America, this biography offers a long-overdue account of the man behind MIT. ! BONUS DVD ONLY WITH THE PRINT EDITION (NOT AVAILABLE WITH eBOOKS) ! In 2007, The HDRI Handbook was the first book to present this revolutionary new field to a larger audience. These days HDRI is a fully mature technology available to everyone. Real estate and landscape photographers have adopted it as part of their regular workflow, it has become one of the hottest trends for ambitious amateurs and creative professionals alike, and the modern movie industry would be completely dysfunctional without it. Now The HDRI Handbook 2.0 redefines its own gold standard. It has been completely rewritten and is packed with practical hints and tips, background knowledge, reference tools, breathtaking artist portfolios, and inspiring interviews. The book includes dozens of new step-by-step tutorials. Beginners will get a methodically solid introduction and advanced readers will be able to refine their technique to perfection. Topics include:- Understanding the foundation of HDRI- HDR software comparisons and evaluations- Capturing HDR images: today and tomorrow- Tonemapping for creating superior prints- HDR image processing and compositing- Shooting and stitching HDR panoramas- Image-based lighting and CG rendering 2.0 updates include:- New cameras, sensors, and HDR beamsplitter rigs- Open Camera Controller for endless auto-bracketing- Correct RAW pre-processing and ghost removal- Dozens of practical, easy-to-follow tutorials- A structured approach to tonemapping, inspired by Ansel Adams- Set etiquette and tips for capturing HDR panos for visual effects- Seven artist spotlights showing unique perspectives on HDRI- Seven crossword puzzles: a fun way to test yourself ! BONUS DVD ONLY WITH THE PRINT EDITION (NOT AVAILABLE WITH eBOOKS) ! Identifying a beautiful image in nature is easy, but capturing it is often challenging. To truly seize the essence of a photograph shot out of the studio and in the world requires an artistic eye and impeccable set of photographic techniques. John and Barbara Gerlach have been teaching photographers how to master the craft of photographing nature and the outdoors through their workshops and best-selling books for more than twenty years. Now, equipped with brand new images to share and skills to teach, this celebrated photo team is sharing their latest lessons in the second edition of Digital Nature Photography. Notable revisions in this new edition include introducing the concepts of focus stacking and HDR, as well as expanded discussions of multiple exposure, wireless flash, RGB histograms, live view, shutter priority with auto ISO, hand-held shooting techniques, and the author's equipment selections. The inspiring imagery in this book covers a broader range of subjects than before including ghost towns, the night sky, animals, and sports, in addition to the classic nature photographs we expect from this very talented author team. This book is a comprehensive guide to one of the broadest subjects in photography, explained and demystified by two respected masters. The scientific photography of small subjects encompasses the domains of close-up photography, macrophotography and photomacrography, and is a primary documentation tool in many research fields. This book concentrates on the choice and practical use of digital cameras, lenses and related equipment of types commonly available at research institutions and museums. The described techniques are suitable for subject sizes between approximately half a millimeter and half a

meter, and differ from those used in general photography and microscopy. The intended audience of this book includes professional scientific photographers, scientists and students who need to carry out photography in support of their own research or as part-time scientific photographers at a research institution, and advanced amateur photographers who wish to master these techniques. High Dynamic Range Video: Concepts, Technologies and Applications gives an introduction to a full range of topics within the end-to-end HDR video pipeline, covering the issues around capturing HDR and stereo HDR video, such as ghosting and use of legacy LDR systems, how HDR video can be manipulated, including real-time mixing, the very latest designs for HDR displays, HDR video on mobile devices, and the applications of HDR video. With this book, the reader will gain an overview of the current state-of-the-art of HDR video, learn the potential of HDR video to provide a step change to a wide range of imaging applications, and attain the knowledge needed to introduce HDR video in their own applications. Written by experts who have been actively researching High Dynamic Range Video Covers a full range of topics within the end-to-end HDR video pipeline Provides applications that demonstrate how HDR video can be applied Cover -- Half Title -- Title Page -- Copyright Page -- Dedication -- Table of Contents -- Introduction -- Prologue -- Part I Genesis of a Learned Milieu -- 1. The conquest of scholarly legitimacy -- 2. Orientalism and prophetic discourse -- 3. The struggle for institutional autonomy -- Part II Scholars and Prophets -- 4. The field of production of discourses on India -- 5. Scholarly practice -- 6. Prophetic Logic -- 7. Study of Hinduism as a disciplinary issue -- Part III Social Science and Indigenous Science -- 8. Louis Dumont and the Brahmanical science -- 9. Louis Dumont and the cunning of reason -- 10. The avatars of scholarship on India -- Conclusion: Sociology put to the test of India -- Postscript: Notes on the construction of a research subject -- Postface to the English-Language Edition -- Appendix. Multi Correspondence Analysis -- List of documents, tables and diagrams -- Sources and Bibliography -- General Index -- Names Index The Art, Science, and Craft of Great Landscape Photography teaches photographers how to convert their visual peak experiences-moments of extraordinary natural beauty that evoke a sense of wonder and awe-into stunning images that elicit the same awestruck emotion in their viewers. Randall is an experienced wilderness photographer, and whether you want to venture into the mountains for once-in-a-lifetime shots of raw nature, or simply hone your landscape photography skills from the safety of your back deck, Randall explains the art, science and craft of creating astounding images. Randall begins by focusing on the art of landscape photography. He describes his three-step process for composing a photograph and shows how good composition is an organic process that begins with rules but ultimately transcends them. Randall then explores the science behind successful landscape photographs, which requires understanding key concepts from geography, optics, vision, and psychology. These concepts include: Understanding how the position of the sun at sunrise and sunset varies throughout the year, which will help you plan when and where to shoot. Understanding optics to predict where rainbows will appear, how polarizers will interact with reflections, and where to find spectacular light. Understanding how to use topographic maps and computerized mapping tools to help you find the most promising shooting locations in the wilderness. Understanding how our visual system analyzes images and the

psychology of how we view art. These insights will help you produce successful photographs. Exposure is a central aspect of the craft of landscape photography, and Randall tackles the challenges of this topic from every angle—from tips on calculating exposures in the field, to achieving correct exposure in high-contrast lighting situations, to the best digital darkroom techniques. Great landscape photography can be mastered with practice and by applying the techniques taught in this book. The Art, Science, and Craft of Great Landscape Photography is intended for those who already understand the basics of photography and who are ready to master the finer nuances of creating magnificent landscape photographs. Foreword by Reid Callanan Director, Santa Fe Photographic Workshops

Techniques for high dynamic range (HDR) imaging make it possible to capture and store an increased range of luminances and colors as compared to what can be achieved with a conventional camera. This high amount of image information can be used in a wide range of applications, such as HDR displays, image-based lighting, tone-mapping, computer vision, and post-processing operations. HDR imaging has been an important concept in research and development for many years. Within the last couple of years it has also reached the consumer market, e.g. with TV displays that are capable of reproducing an increased dynamic range and peak luminance. This thesis presents a set of technical contributions within the field of HDR imaging. First, the area of HDR video tone-mapping is thoroughly reviewed, evaluated and developed upon. A subjective comparison experiment of existing methods is performed, followed by the development of novel techniques that overcome many of the problems evidenced by the evaluation. Second, a largescale objective comparison is presented, which evaluates existing techniques that are involved in HDR video distribution. From the results, a first open-source HDR video codec solution, Luma HDRv, is built using the best performing techniques. Third, a machine learning method is proposed for the purpose of reconstructing an HDR image from one single-exposure low dynamic range (LDR) image. The method is trained on a large set of HDR images, using recent advances in deep learning, and the results increase the quality and performance significantly as compared to existing algorithms. The areas for which contributions are presented can be closely inter-linked in the HDR imaging pipeline. Here, the thesis work helps in promoting efficient and high-quality HDR video distribution and display, as well as robust HDR image reconstruction from a single conventional LDR image. This book provides a comprehensive, conceptual, and detailed overview of the wide range of applications of Artificial Intelligence, Machine Learning, and Data Science and how these technologies have an impact on various domains such as healthcare, business, industry, security, and how all countries around the world are feeling this impact. The book aims at low-cost solutions which could be implemented even in developing countries. It highlights the significant impact these technologies have on various industries and on us as humans. It provides a virtual picture of forthcoming better human life shadowed by the new technologies and their applications and discusses the impact Data Science has on business applications. The book will also include an overview of the different AI applications and their correlation between each other. The audience is graduate and postgraduate students, researchers, academicians, institutions, and professionals who are interested in exploring key technologies like Artificial Intelligence, Machine Learning, and Data Science. Earth science is the study

of Earth and space. It is the study of such things as the transfer of energy in Earth's atmosphere; the evolution of landforms; patterns of change that cause weather; the scale and structure of stars; and the interactions that occur among the water, atmosphere, and land. Earth science in this book is divided into four specific areas of study: geology, meteorology, astronomy, and oceanography. - p. 8-9.

Techniques for high dynamic range (HDR) imaging make it possible to capture and store an increased range of luminances and colors as compared to what can be achieved with a conventional camera. This high amount of image information can be used in a wide range of applications, such as HDR displays, image-based lighting, tone-mapping, computer vision, and post-processing operations. HDR imaging has been an important concept in research and development for many years. Within the last couple of years it has also reached the consumer market, e.g. with TV displays that are capable of reproducing an increased dynamic range and peak luminance. This thesis presents a set of technical contributions within the field of HDR imaging. First, the area of HDR video tone-mapping is thoroughly reviewed, evaluated and developed upon. A subjective comparison experiment of existing methods is performed, followed by the development of novel techniques that overcome many of the problems evidenced by the evaluation. Second, a largescale objective comparison is presented, which evaluates existing techniques that are involved in HDR video distribution. From the results, a first open-source HDR video codec solution, Luma HDRv, is built using the best performing techniques. Third, a machine learning method is proposed for the purpose of reconstructing an HDR image from one single-exposure low dynamic range (LDR) image. The method is trained on a large set of HDR images, using recent advances in deep learning, and the results increase the quality and performance significantly as compared to existing algorithms. The areas for which contributions are presented can be closely inter-linked in the HDR imaging pipeline. Here, the thesis work helps in promoting efficient and high-quality HDR video distribution and display, as well as robust HDR image reconstruction from a single conventional LDR image. To enhance the overall viewing experience (for cinema, TV, games, AR/VR) the media industry is continuously striving to improve image quality. Currently the emphasis is on High Dynamic Range (HDR) and Wide Colour Gamut (WCG) technologies, which yield images with greater contrast and more vivid colours. The uptake of these technologies, however, has been hampered by the significant challenge of understanding the science behind visual perception. Vision Models for High Dynamic Range and Wide Colour Gamut Imaging provides university researchers and graduate students in computer science, computer engineering, vision science, as well as industry R&D engineers, an insight into the science and methods for HDR and WCG. It presents the underlying principles and latest practical methods in a detailed and accessible way, highlighting how the use of vision models is a key element of all state-of-the-art methods for these emerging technologies. Presents the underlying vision science principles and models that are essential to the emerging technologies of HDR and WCG Explores state-of-the-art techniques for tone and gamut mapping Discusses open challenges and future directions of HDR and WCG research At the time of rapid technological progress and uptake of High Dynamic Range (HDR) video content in numerous sectors, this book provides an overview of the key supporting technologies, discusses the effectiveness of various techniques, reviews

the initial standardization efforts and explores new research directions in all aspects involved in HDR video systems. Topics addressed include content acquisition and production, tone mapping and inverse tone mapping operators, coding, quality of experience, and display technologies. This book also explores a number of applications using HDR video technologies in the automotive industry, medical imaging, spacecraft imaging, driving simulation and watermarking. By covering general to advanced topics, along with a broad and deep analysis, this book is suitable for both the researcher new or familiar to the area. With this book the reader will: Gain a broad understanding of all the elements in the HDR video processing chain Learn the most recent results of ongoing research Understand the challenges and perspectives for HDR video technologies Covers a broad range of topics encompassing the whole processing chain in HDR video systems, from acquisition to display Provides a comprehensive overview of this fast emerging topic Presents upcoming applications taking advantages of HDR Includes special issues: The Professional series in the management sciences.

*The Art, Science, and Craft of Great Landscape Photography, 2nd Edition* teaches photographers how to convert their visual peak experiences—moments of extraordinary natural beauty that evoke a sense of wonder and awe—into stunning images that elicit the same awestruck emotion in their viewers. Author Glenn Randall is an experienced wilderness photographer, and whether you want to venture into the mountains for once-in-a-lifetime shots of raw nature, or simply hone your landscape photography skills from the safety of your back deck, Randall explains the art, science and craft behind creating stunning landscape photographs.

This fully updated edition of the best-selling first edition includes nearly all new imagery throughout the book, as well as a new first chapter, "Photographic Essentials," to help beginners to landscape photography get up to speed quickly. Additionally, this second edition takes into account how Randall's techniques have changed and evolved since the first edition published—from photographic practices to how he uses smart phones and apps as important and powerful tools for landscape photography.

After discussing photographic essentials, Randall focuses on the art of landscape photography. He describes his three-step process for composing a photograph and shows how good composition is an organic process that begins with rules but ultimately transcends them. Randall then explores the science behind successful landscape photographs, which requires understanding key concepts from geography, optics, vision, and psychology. These concepts include:

- How the position of the sun at sunrise and sunset varies throughout the year. This will help you plan when and where to shoot.



- Using optics to predict where rainbows will appear, how polarizers will interact with reflections, and where to find spectacular light.
- How to use topographic maps and computerized mapping tools to help you find promising shooting locations in the wilderness.
- Calculating exposures, achieving correct exposure in high-contrast lighting situations, and the best digital darkroom techniques.

With some practice and by applying the techniques that Randall teaches you, you will soon be ready to master the finer nuances of creating magnificent landscape photographs.

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HDR is both a technical solution to the limitations of digital camera sensors, and a creative tool that can give any image much more impact - but it is not without its pitfalls, and it's essential to understand these if you want to take full advantage of this innovative technique. The second edition of David Nightingale's successful Practical HDR is completely updated with the latest techniques and technologies in HDR. Practical HDR provides you with an abundance of step-by-step examples that will quickly make you an expert

on the theory and practice of shooting and processing HDR images, allowing you to get the best possible results every time. As well as practical advice on shooting and processing, the book also contains a global showcase of inspirational HDR images - you will quickly find that HDR offers unparalleled opportunities for indulging your creative instincts, from photo-realistic to hyper-realism. Publisher Description Fully updated, this edition covers the HDR process from image capture through post-processing for Web and print. "Practical HDRI" is richly illustrated with step-by-step tutorials for creating professional results using the leading HDR software titles. These proceedings of the World Congress 2006, the fourteenth conference in this series, offer a strong scientific program covering a wide range of issues and challenges which are currently present in Medical physics and Biomedical Engineering. About 2,500 peer reviewed contributions are presented in a six volume book, comprising 25 tracks, joint conferences and symposia, and including invited contributions from well known researchers in this field. High dynamic range (HDR) photography lets you capture the myriad colors and levels of light that you can see in the real world, and the results are amazing photographs that run the gamut from super real to surreal. Explore this fantastic realm of photography through the unique vision of renowned travel photographer Trey Ratcliff. In this book, Trey shares his phenomenal HDR photographs as well as all the backstory on the adventurous circumstances of their origin. He also reveals the techniques he used to get the final shot. The breathtaking images gracing these pages and the author's real-world advice for capturing and manipulating images will inspire you to create your own HDR magic. So Trey also includes his simple and straightforward tutorial that teaches you everything you need to know to make your own HDR photographs, whether you're a beginner, amateur, or professional. A unique blend of practical and inspirational, this book features a breathtaking collection of HDR photographs engaging explanations of how the author achieved the image expert tips for achieving stunning results (and avoiding common mistakes) a foolproof HDR tutorial and software recommendations High Dynamic Range Imaging, Second Edition, is an essential resource for anyone working with images, whether it is for computer graphics, film, video, photography, or lighting design. It describes HDRI technology in its entirety and covers a wide-range of topics, from capture devices to tone reproduction and image-based lighting. The techniques described enable students to produce images that have a dynamic range much closer to that found in the real world, leading to an unparalleled visual experience. This revised edition includes new chapters on High Dynamic Range Video Encoding, High Dynamic Range Image Encoding, and High Dynamic Range Display Devices. All existing chapters have been updated to reflect the current state-of-the-art technology. As both an introduction to the field and an authoritative technical reference, this book is essential for anyone working with images, whether in computer graphics, film, video, photography, or lighting design. New material includes chapters on High Dynamic Range Video Encoding, High Dynamic Range Image Encoding, and High Dynammic Range Display Devices Written by the inventors and initial implementors of High Dynamic Range Imaging Covers the basic concepts (including just enough about human vision to explain why HDR images are necessary), image capture, image encoding, file formats, display techniques, tone mapping for lower dynamic range display, and the use of HDR images and calculations in 3D rendering Range and depth of coverage is good for the knowledgeable researcher as well as those who are just starting to learn about High Dynamic

Range imaging The prior edition of this book included a DVD-ROM. Files from the DVD-ROM can be accessed at: [http://www.erikreinhard.com/hdr\\_2nd/index.html](http://www.erikreinhard.com/hdr_2nd/index.html)

Rendering High Dynamic Range (HDR) scenes on media with limited dynamic range began in the Renaissance whereby painters, then photographers, learned to use low-range spatial techniques to synthesize appearances, rather than to reproduce accurately the light from scenes. The Art and Science of HDR Imaging presents a unique scientific HDR approach derived from artists' understanding of painting, emphasizing spatial information in electronic imaging. Human visual appearance and reproduction rendition of the HDR world requires spatial-image processing to overcome the veiling glare limits of optical imaging, in eyes and in cameras. Illustrated in full colour throughout, including examples of fine-art paintings, HDR photography, and multiple exposure scenes; this book uses techniques to study the HDR properties of entire scenes, and measures the range of light of scenes and the range that cameras capture. It describes how electronic image processing has been used to render HDR scenes since 1967, and examines the great variety of HDR algorithms used today. Showing how spatial processes can mimic vision, and render scenes as artists do, the book also:

- Gives the history of HDR from artists' spatial techniques to scientific image processing
- Measures and describes the limits of HDR scenes, HDR camera images, and the range of HDR appearances
- Offers a unique review of the entire family of Retinex image processing algorithms
- Describes the considerable overlap of HDR and Color Constancy: two sides of the same coin
- Explains the advantages of algorithms that replicate human vision in the processing of HDR scenes
- Provides extensive data to test algorithms and models of vision on an accompanying website [www.wiley.com/go/mccannhdr](http://www.wiley.com/go/mccannhdr)

Ruslan Mitkov's highly successful Oxford Handbook of Computational Linguistics has been substantially revised and expanded in this second edition. Alongside updated accounts of the topics covered in the first edition, it includes 17 new chapters on subjects such as semantic role-labelling, text-to-speech synthesis, translation technology, opinion mining and sentiment analysis, and the application of Natural Language Processing in educational and biomedical contexts, among many others. The volume is divided into four parts that examine, respectively: the linguistic fundamentals of computational linguistics; the methods and resources used, such as statistical modelling, machine learning, and corpus annotation; key language processing tasks including text segmentation, anaphora resolution, and speech recognition; and the major applications of Natural Language Processing, from machine translation to author profiling. The book will be an essential reference for researchers and students in computational linguistics and Natural Language Processing, as well as those working in related industries. This book takes a closer look at the relation between current issues and trends in higher education and scientific research in the Arab World and in the Gulf Cooperation Council (GCC) states of Qatar and United Arab Emirates (UAE). This thoroughly researched text traces the development of higher education in the GCC area as it continues to be positioned in an intersection of international and local factors. The text further articulates the pivotal political and cultural influences that act as real and perceived barriers towards the advancement of key fields. The chapters analyze the current policy trends, structures, and coping alternatives in addressing higher education challenges, whilst also providing comparative first-hand texts with the other Arab states in the region. By drawing focus on the GCC area, the text identifies the crucial factors that hamper learning and research performance.

The book serves as an invaluable discussion on the implications for policy makers and HEIs in relation to the eponymous regions and other Arab states in the GCC area. Enhancing understanding of the scope, scale, and complexity of higher education and scientific research in the GCC area, the book will be of interest to academics, researchers, and post-graduate students in the fields of educational policy, comparative and international education and higher education. This book explores the methods needed for creating and manipulating HDR content. HDR is a step change from traditional imaging; more closely matching what we see with our eyes. In the years since the first edition of this book appeared, HDR has become much more widespread, moving from a research concept to a standard imaging method. This new edition incorporates all the many developments in HDR since the first edition and once again emphasizes practical tips, including the authors' popular HDR Toolbox (available on the authors' website) for MATLAB and gives readers the tools they need to develop and experiment with new techniques for creating compelling HDR content. Key Features: Contains the HDR Toolbox for readers' experimentation on authors' website Offers an up-to-date, detailed guide to the theory and practice of high dynamic range imaging Covers all aspects of the field, from capture to display Provides benchmarks for evaluating HDR imagery

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