DESCRIPTION

Increasing use of digital signals for transmitting data in television, photography and printing means the reproduction of pictorial colour in the 21st century continues to drive innovation in its development.

Hunt’s classic text *The Reproduction of Colour* has been fully revised and updated for the sixth edition to provide a comprehensive introduction to colour imaging and colour reproduction. New illustrations, diagrams and photographs ensure that both students and practising engineers using colour images can gain a full understanding of the theory and practical applications behind the phenomena they encounter.

**Key features:**

- Describes the fundamental principles of colour reproduction for photography, television, printing and electronic imaging.
- Provides detailed coverage of the physics of light and the property of colorants.
- Includes new chapters on digital printing and digital imaging, which discuss colour reproduction on HDTV and desktop publishing.
- Presents expanded coverage of the evaluation of colour appearance.

*The Reproduction of Colour* is already used as a basis for lectures in universities and specialist institutions and continues to be an essential resource for scientists, engineers and developers needing to appreciate the technologies of colour perception.

*Reviews of the Fifth Edition:*
"The book is beautifully written and superbly presented. It is a credit to both author and publisher, and deserves to be on the shelves of anyone who has any concern with the reproduction of colour."

From *The Journal of Photographic Science, Vol. 43 1995*

"Using his ability as a teacher, Dr Hunt has made potentially very difficult topics quite readable…he brings the insight that leads the reader to a greater depth of understanding."

From *Color Research and Application, Vol. 23 1998*

The Society for Imaging Science and Technology is an international society that aims to advance the science and practices of image assessment. A major objective of the Wiley-IS&T series will be to explain the latest scientific and technological developments in the field of imaging at a professional level. The broad scope of the series will focus on imaging in all its aspects, with particular emphasis on digital printing, electronic imaging, photofinishing, image preservation, image assessment, image archiving, pre-press technologies and hybrid imaging systems.

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**ABOUT THE AUTHOR**

Robert Hunt, formerly Assistant Director of Research, Kodak Research Laboratories in Harrow, England, is an independent colour consultant and visiting Professor of Colour Science at the University of Derby.

He has been Chairman of the Colour Group of Great Britain (1961-63); Chairman of the Colorimetry Committee of the CIE (1975-83); and President of the International Colour Association (1981-85). He has written over a hundred papers on colour, vision, colour reproduction, and colour measurement. He is an Honorary Fellow of the Royal Photographic Society and a member of the Royal Institution where he served as Vice-President (1985-87). He has been awarded the Progress Medal of the Royal Photographic Society, the Judd-AIC Medal of the International Colour Association, and the Gold Medal of the Institute of Printing.

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