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5.4 Anatomy of the Retina 5.5 From the Retina to the Brain; 5.6 Visual System and Colorimetry; Bibliography; References; 6 Colour-Vision Psychophysics; 6.1 Introduction; 6.2 Adaptation; 6.3 Absolute Thresholds in Human Vision; 6.4 Absolute Threshold and Spectral Sensitivity in Scotopic and Photopic Visions; 6.5 Luminous Efficiency Function; 6.6 Light Adaptation and Sensitivity; 6.7 Weber's and Fechner's Laws; 6.8 Stevens' Law; 6.9 Fechner's and Stevens' Psychophysics; 6.10 Wavelength Discrimination; 6.11 Saturation Discrimination and Least Colorimetric Purity 6.12 Rushton's Univariance Principle and Scotopic Vision 6.13 Tristimulus Space; 6.14 Lightness Scales; 6.15 Helmholtz-Kohlrausch Effect; 6.16 Colour Opponencies and Chromatic Valence; 6.17 MacAdam's Chromatic Discrimination Ellipses; 6.18 Perceived Colour Difference; 6.19 Abney's and Bezold-Brucke's Phenomena; 6.20 Chromatic Adaptation and Colour Constancy; 6.21 Colour-Vision Psychophysics and Colorimetry; References; 7 CIE Standard Photometry; 7.1 Introduction; 7.2 History of the Basic Photometric Unit; 7.3 CIE 1924 Spectral Luminous Efficiency Function 7.4 CIE 1924 and CIE 1988 Standard Photometric Photopic Observers 7.5 Photometric and Radiometric Quantities; 7.6 CIE 1951 Standard Scotopic Photometric Observer; 7.7 CIE 2005 Photopic Photometric Observer with 10° Visual Field; 7.8 CIE Fundamental Photopic Photometric Observer with 2°/10° Visual Field; References; 8 Light Sources and Illuminants for Colorimetry; 8.1 Introduction; 8.2 Equal-Energy Illuminant; 8.3 Blackbody Illuminant; 8.4 CIE Daylights; 8.5 CIE Indoor Daylights; 8.6 CIE Standard Illuminants; 8.7 CIE Light Sources: A, B and C; 8.8 CIE Sources for Colorimetry 8.9 CIE Illuminants: B, C and D
