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Nota di contenuto	Color Space and Its Divisions; Contents; Preface; Chapter 1. The Concept of Color Space and Color Solid; 1.1 Introduction; 1.2 Divisions of Color Spaces and Solids; 1.3 Uniform and Regular Color Spaces; 1.4 Color Space, Sensation, Perception, and Awareness; 1.5 Plan of the Book; Chapter 2. Historical Development of Color Order Systems; 2.1 Color and Color Order Systems; 2.2 From Ancient Greece to the Middle Ages; 2.3 Color Order in the Renaissance; 2.4 Newton's Color Diagram; 2.5 Development of the Color Circle; 2.6 Mayer and Lambert's Color Solids; 2.7 Color Circles from Harris to Henry 2.8 Three Primary Color Theories 2.9 Runge's Color Sphere; 2.10 The Cylindrical System of Matthias Klotz; 2.11 The Early Development of Psychophysics; 2.12 Chevreul's Hemispheric System; 2.13 Doppler's Sphere Octant; 2.14 Yellow, Red and Blue, For a Time Firmly Established as Primary Colors; 2.15 Helmholtz, Grassmann, and Maxwell; 2.16 Hering; 2.17 Geometrical Systems of the Nineteenth Century; 2.18 The Nineteenth-Century Experimental Psychologists; 2.19 The Munsell System; 2.20 Ridgeway's Color Atlas; 2.21 Ostwald's Farbkorper (Color

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2.23 Rosch-MacAdam Color Solid; 2.24 The Luther-Nyberg Color Solid;
2.25 The German DIN6164 System; 2.26 Optical Society of America
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3.2 Categories; 3.3 Differences versus Magnitudes; 3.4 Psychophysical
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3.10 Psychophysical Scaling as a Basis of Color Space
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Expressing Psychological Scales in Psychophysical Spaces; 5.9 Color
Matching and Appearance Scaling; 5.10 Placement of the Red and
Green Unique Hues in the Opponent Color Diagram; 5.11 Curvature of
Lines of Constant Hue Blue Colors
5.12 Munsell Colors in the L, M, S and X, Y, Z Spaces and the a, b
Diagram

Sommario/riassunto

It has been postulated that humans can differentiate between millions of gradations in color. Not surprisingly, no completely adequate, detailed catalog of colors has yet been devised, however the quest to understand, record, and depict color is as old as the quest to understand the fundamentals of the physical world and the nature of human consciousness. Rolf Kuehni's Color Space and Its Divisions: Color Order from Antiquity to the Present represents an ambitious and unprecedented history of man's inquiry into color order, focusing on the practical applications of the most contemporary develo
