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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 Theories2.9 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

Solid); 2.22 Geometrical Systems of the Twentieth Century
2.23 Rosch-MacAdam Color Solid2.24 The Luther-Nyberg Color Solid; 2.25 The German DIN6164 System; 2.26 Optical Society of America Uniform Color Scales; 2.27 Swedish Natural Color System; 2.28 Universal Color Language; 2.29 Color Mixing Spaces; 2.30 Spectral Spaces; Chapter 3. Psychophysics; 3.1 Fundaments of Psychophysics; 3.2 Categories; 3.3 Differences versus Magnitudes; 3.4 Psychophysical Scaling: Levels of Measurement; 3.5 Scaling Methods; 3.6 Unidimensional Scaling Methods; 3.7 Psychometric Function; 3.8 Multidimensional Scaling; 3.9 Psychological and Psychophysical Spaces 3.10 Psychophysical Scaling as a Basis of Color SpaceChapter 4. Color Attributes and Perceptual Attribute Scaling; 4.1 Theories of Vision; 4.2 Historical Development of Views on Attributes; 4.3 Whiteness and Blackness; 4.4 Evans's Five Color Attributes; 4.5 Common Color Attribute Definitions; 4.6 Confirmation of Three Attributes; 4.7 Contrast versus Similitude; 4.8 Neural Correlates of Color Attributes; 4.9 Psychological (Perceptual) Scaling of Color Attributes; 4.10 Perception of Color Differences; Chapter 5. Psychophysical Scaling of Color Attributes: Stimulus and Perception
5.1 Requirements for a Uniform Psychophysical Color Space5.2 Postulated Relationship between Psychological and Physical Magnitudes; 5.3 Photometry and Brightness/Lightness; 5.4 The Colorimetric System; 5.5 Cone Response Space; 5.6 Opponent Color Space; 5.7 How Are the L, M, S and X, Y, Z Color Spaces Related?; 5.8 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

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Titolo	Balancing Agility and Formalism in Software Engineering : Second IFIP TC 2 Central and East European Conference on Software Engineering Techniques, CEE-SET 2007, Poznan, Poland, October 10-12, 2007, Revised Selected Papers / / edited by Bertrand Meyer, J.R. Nawrocki, Bartosz Walter
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Disciplina	005.1
Soggetti	Software engineering Data structures (Computer science) Information theory Computer science Electronic data processing - Management Information technology - Management Software Engineering Data Structures and Information Theory Theory of Computation IT Operations Computer Application in Administrative Data Processing
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Keynotes -- Agile Software Development at Scale -- Formalisms in Software Engineering: Myths Versus Empirical Facts -- Measurement -- Extending GQM by Argument Structures -- On Metamodel-Based Design of Software Metrics -- Automatic Transactions Identification in Use Cases -- Processes -- A Collaborative Method for Reuse Potential Assessment in Reengineering-Based Product Line Adoption -- Corporate-, Agile- and Open Source Software Development: A Witch’s Brew or An Elixir of Life? -- Capable Leader and Skilled and Motivated

Team Practices to Introduce eXtreme Programming -- UML -- Platform-Independent Programming of Data-Intensive Applications Using UML -- Towards UML-Intensive Framework for Model-Driven Development -- UML Static Models in Formal Approach -- Experiments -- Does Test-Driven Development Improve the Program Code? Alarming Results from a Comparative Case Study -- Measuring the Human Factor with the Rasch Model -- Empirical Analysis of a Distributed Software Development Project -- Tools -- Extending Software Architecting Processes with Decision-Making Activities -- A Tool for Supporting Feature-Driven Development -- In-Time Role-Specific Notification as Formal Means to Balance Agile Practices in Global Software Development Settings -- Best Papers Session -- An Integrated Approach for Identifying Relevant Factors Influencing Software Development Productivity -- A Framework for QoS Contract Negotiation in Component-Based Applications -- A Case Study on the Impact of Refactoring on Quality and Productivity in an Agile Team -- Change -- Modeling of Requirements Tracing -- Support for Cooperative Design of End-User Tailorable Software -- Manifoldness of Variability Modeling — Considering the Potential for Further Integration.

Sommario/riassunto

This book constitutes the thoroughly refereed post-conference proceedings of the Second IFIP TC 2 Central and East Conference on Software Engineering Techniques, CEE-SET 2007, held in Poznan, Poland, in October 2007. The 21 revised full papers presented together with 2 keynote addresses were carefully reviewed and selected from 73 initial submissions. The papers are organized in topical sections on measurement, processes, UML, experiments, tools, and change.