1. Record Nr. UNINA9910830273603321

Autore	Berns Roy S. <1954->
Titolo	Billmeyer and Saltzman's principles of color technology / / Roy S. Berns
Pubbl/distr/stampa	Hoboken, NJ : , : Wiley, , 2019
ISBN	1-5231-5580-9 1-119-36668-2 1-119-36731-X 1-119-36719-0
Edizione	[Fourth edition.]
Descrizione fisica	1 online resource (268 pages)
Collana	THEi Wiley ebooks
Altri autori (Persone)	BillmeyerFred W SaltzmanMax
Disciplina	667
Soggetti	Color Colorimetry
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Sommario/riassunto	This book offers detailed coverage of color, colorants, the coloring of materials, and reproducing the color of materials through imaging. It combines the clarity and ease of earlier editions with significant updates about the advancement in color theory and technology. Provides guidance for how to use color measurement instrumentation, make a visual assessment, set a visual tolerance, and select a formulation Supplements material with numerical examples, graphs, and illustrations that clarify and explain complex subjects Expands coverage of topics including spatial vision, solid-state lighting, cameras and spectrophotometers, and translucent materials

2. Record Nr. UNINA9910299980903321

Autore	Deza Michel Marie
Titolo	Encyclopedia of Distances / / by Michel Marie Deza, Elena Deza
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2014
ISBN	3-662-44342-2
Edizione	[3rd ed. 2014.]
Descrizione fisica	1 online resource (731 p.)
Disciplina	004 510 514 516
Soggetti	Geometry Geometry, Differential Topology Computer science - Mathematics Mathematics Visualization Applied mathematics Engineering mathematics Differential Geometry Computational Mathematics and Numerical Analysis Mathematical and Computational Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Part I. Mathematics of Distances: 1 General Definitions -- 2 Topological Spaces -- 3 Generalization of Metric Spaces -- 4 Metric Transforms -- 5 Metrics on Normed Structures -- Part II. Geometry and Distances: 6 Distances in Geometry -- 7 Riemannian and Hermitian Metrics -- 8 Distances on Surfaces and Knots -- 9 Distances on Convex Bodies, Cones and Simplicial Complexes -- Part III. Distances in Classical Mathematics: 10 Distances in Algebra -- 11 Distances on Strings and Permutations -- 12 Distances on Numbers, Polynomials and Matrices -- 13 Distances in Functional Analysis -- 14 Distances in Probability

Theory -- Part IV. Distances in Applied Mathematics: 15 Distances in Graph Theory -- 16 Distances in Coding Theory -- 17 Distances and Similarities in Data Analysis -- 18 Distances in Systems and Mathematical Engineering -- Part V. Computer-Related Distances: 19 Distances on Real and Digital Planes -- 20 Voronoi Diagram Distances -- 21 Image and Audio Distances -- 22 Distances in Networks -- Part VI. Distances in Natural Sciences: 23 Distances in Biology -- 24 Distances in Physics and Chemistry -- 25 Distances in Earth Science and Astronomy -- 26 Distances in Cosmology and Theory of Relativity -- Part VII. Real-World Distances: 27 Length Measures and Scales -- 28 Distances in Applied Social Sciences -- 29 Other Distances.

Sommario/riassunto

This updated and revised third edition of the leading reference volume on distance metrics includes new items from very active research areas in the use of distances and metrics such as geometry, graph theory, probability theory and analysis. Among the new topics included are, for example, polyhedral metric space, nearness matrix problems, distances between belief assignments, distance-related animal settings, diamond-cutting distances, natural units of length, Heidegger's de-severance distance, and brain distances. The publication of this volume coincides with intensifying research efforts into metric spaces and especially distance design for applications. Accurate metrics have become a crucial goal in computational biology, image analysis, speech recognition and information retrieval. Leaving aside the practical questions that arise during the selection of a 'good' distance function, this work focuses on providing the research community with an invaluable comprehensive listing of the main available distances. As well as providing standalone introductions and definitions, the encyclopedia facilitates swift cross-referencing with easily navigable bold-faced textual links to core entries. In addition to distances themselves, the authors have collated numerous fascinating curiosities in their Who's Who of metrics, including distance-related notions and paradigms that enable applied mathematicians in other sectors to deploy research tools that non-specialists justly view as arcane. In expanding access to these techniques, and in many cases enriching the context of distances themselves, this peerless volume is certain to stimulate fresh research.