1. Record Nr. UNINA990003215570403321

Titolo	Technology, Economic Growth and the Labour Process / Phil Blackburn, Rod Coombs, Kenneth Green
Pubbl/distr/stampa	London : Macmillan, 1985
ISBN	0-333-37496-7
Descrizione fisica	XIV, 239 p. ; 22 cm
Disciplina	G/1.02 G/1.4 G/2.50
Locazione	SE S DTE
Collocazione	G/14 BLA XV E2 75
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910879595403321

Autore	Maehara Hiroshi
Titolo	Circles, Spheres and Spherical Geometry / / by Hiroshi Maehara, Horst Martini
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Birkhäuser, , 2024
ISBN	3-031-62776-8
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (342 pages)
Collana	Birkhäuser Advanced Texts Basler Lehrbücher, , 2296-4894
Altri autori (Persone)	MartiniHorst
Disciplina	516
Soggetti	Geometry Convex geometry Discrete geometry Graph theory Convex and Discrete Geometry Graph Theory Esfera Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	- Inversion and stereographic projection -- Bend formulas -- Graphs and circle-systems -- Spherical geometry I -- Spherical geometry II -- The problem of thirteen balls -- Spherical geometry III -- Geometric probability on the sphere -- Intersection graphs of spherical caps -- Quartets on a sphere -- Higher dimensions -- The Cayley-Menger determinant -- Casey's theorem -- Solutions to the selected exercises.
Sommario/riassunto	This textbook focuses on the geometry of circles, spheres, and spherical geometry. Various classical themes are used as introductory and motivating topics. The book begins very simply for the reader in the first chapter discussing the notions of inversion and stereographic projection. Here, various classical topics and theorems such as Steiner cycles, inversion, Soddy's hexlet, stereographic projection and Poncelet's porism are discussed. The book then delves into Bend formulas and the relation of radii of circles, focusing on Steiner circles, mutually tangent four circles in the plane and other related notions. Next, some fundamental concepts of graph theory are explained. The

book then proceeds to explore orthogonal-cycle representation of quadrangulations, giving detailed discussions of the Brightwell-Scheinerman theorem (an extension of the Koebe-Andreev-Thurston theorem), Newton’s 13-balls-problem, Casey’s theorem (an extension of Ptolemy’s theorem) and its generalizations. The remainder of the book is devoted to spherical geometry including a chapter focusing on geometric probability on the sphere. The book also contains new results of the authors and insightful notes on the existing literature, bringing the reader closer to the research front. Each chapter concludes with related exercises of varying levels of difficulty. Solutions to selected exercises are provided. This book is suitable to be used as textbook for a geometry course or alternatively as basis for a seminar for both advanced undergraduate and graduate students alike.