1. Record Nr. UNICAMPANIASUN0105697

Autore	Chandra, Tapas K.
Titolo	A First Course in Probability / T. K. Chandra, D. Chatterjee
Pubbl/distr/stampa	Harrow : Alpha Science International, 2005
ISBN	18-426-5208-7
Edizione	[3. ed]
Descrizione fisica	XVI, 494 p. ; 25 cm.
Altri autori (Persone)	Chatterjee, Dipak
Disciplina	519.2
Soggetti	Probabilità
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNISALENTO991001112149707536

Autore	International Workshop on nonlinear and turbulent processes in physics
Titolo	Nonlinear world : IV International Workshop on nonlinear and turbulent processes in physics, Kiev, USSR, 9-22 October 1989 : vol. 1 / edited by V.G. Bar'yakhtar...[et al.]
Pubbl/distr/stampa	Singapore : World Scientific, c1990
ISBN	9810202717
Descrizione fisica	xi, 723 p. ; 22 cm.
Collana	International Workshop on nonlinear and turbulent processes in physics ; 4
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Altri autori (Persone)	Bar'yakhtar, V.G.
Soggetti	Mathematical physics - Congresses Plasma waves - Congresses
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa

	Livello bibliografico	Monografia

3.	Record Nr.	UNINA9910141013703321
	Autore	Smith James T
	Titolo	Methods of geometry / / James T. Smith
	Pubbl/distr/stampa	New York, : John Wiley & Sons, 2000
	ISBN	9786613813619 9781282242494 1282242490 9781118032787 1118032780 9781118031032 1118031032
	Descrizione fisica	1 online resource (506 p.)
	Disciplina	516
	Soggetti	Geometry
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	"A Wiley-Interscience publication"--t.p.
	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	Methods of Geometry; Contents; Preface; About the author; 1 Introduction; 1.1 Episodes; 1.2 Advanced geometry; 1.3 This book; 1.4 Reading about geometry; 1.5 Projects; 2 Foundations; 2.1 Geometry as applied mathematics; 2.2 Need for rigor; 2.3 Axiomatic method; 2.4 Euclid's Elements; 2.5 Coordinate geometry; 2.6 Foundation problem; 2.7 Parallel axiom; 2.8 Firm foundations; 2.9 Geometry as pure mathematics; 2.10 Exercises and projects; 3 Elementary Euclidean geometry; 3.1 Incidence geometry; 3.2 Ruler axiom and its consequences; 3.3 Pasch's axiom and the separation theorems 3.4 Angles and the protractor axioms3.5 Congruence; 3.6 Perpendicularity; 3.7 Parallel axiom and related theorems; 3.8 Area and Pythagoras' theorem; 3.9 Similarity; 3.10 Polyhedral volume; 3.11 Coordinate geometry; 3.12 Circles and spheres; 3.13 Arcs and trigonometric functions; 3.14 ; 4 Exercises on elementary geometry; 4.1 Exercises on the incidence and ruler axioms; 4.2 Exercises related

to Pasch's axiom; 4.3 Exercises on congruence and perpendicularity; 4.4 Exercises involving the parallel axiom; 4.5 Exercises on similarity and Pythagoras' theorem
4.6 Exercises on circles and spheres, part 14.7 Exercises on area; 4.8 Exercises on volume; 4.9 Exercises on circles and spheres, part 2; 4.10 Exercises on coordinate geometry; 5 Some triangle and circle geometry; 5.1 Four concurrence theorems; 5.2 Menelaus' theorem; 5.3 Desargues' theorem; 5.4 Ceva's theorem; 5.5 Trigonometry; 5.6 Vector products; 5.7 Centroid; 5.8 Orthocenter; 5.9 Incenter and excenters; 5.10 Euler line and Feuerbach circle; 5.11 Exercises; 6 Plane isometrles and similarities; 6.1 Transformations; 6.2 Isometries; 6.3 Reflections; 6.4 Translations; 6.5 Rotations
6.6 Structure theorem6.7 Glide reflections; 6.8 Isometries and orthogonal matrices; 6.9 Classifying isometries; 6.10 Similarities; 6.11 Exercises; 7 Three dimensional isometries and similarities; 7.1 Isometries; 7.2 Reflections; 7.3 Translations and rotations; 7.4 Glide and rotary reflections; 7.5 Classifying isometries; 7.6 Similarities; 7.7 Exercises; 8 Symmetry; 8.1 Polygonal symmetry; 8.2 Friezes; 8.3 Wallpaper ornaments; 8.4 Polyhedra; 8.5 Exercises; Appendix A Equivalence relations; Appendix B Least upper bound principle; Appendix C Vector and matrix algebra; Bibliography; Index

Sommario/riassunto

A practical, accessible introduction to advanced geometry Exceptionally well-written and filled with historical and bibliographic notes, Methods of Geometry presents a practical and proof-oriented approach. The author develops a wide range of subject areas at an intermediate level and explains how theories that underlie many fields of advanced mathematics ultimately lead to applications in science and engineering. Foundations, basic Euclidean geometry, and transformations are discussed in detail and applied to study advanced plane geometry, polyhedra, isometries, similarities, and symmetry. An