

1.	Record Nr.	UNISOBE600200062054
	Autore	Leibniz, Gottfried_Wilhelm
	Titolo	5 : 1691-1693 / Gottfried Wilhelm Leibniz ; hrsg. vom Leibniz-Archiv der Niedersächsischen Landesbibliothek Hannover
	Pubbl/distr/stampa	Berlin, : Akademie Verlag, 2003
	ISBN	3050034718
	Descrizione fisica	LXVIII, 734 p. ; 25 cm
	Lingua di pubblicazione	Tedesco
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
2.	Record Nr.	UNINA9910788555903321
	Autore	Ungar Abraham Albert
	Titolo	Barycentric calculus in Euclidian and hyperbolic geometry [[electronic resource]] : a comparative introduction / / Abraham Albert Ungar
	Pubbl/distr/stampa	Hackensack, N.J., : World Scientific, 2010
	ISBN	1-283-14453-0 9786613144539 981-4304-94-8
	Descrizione fisica	1 online resource (300 p.)
	Disciplina	516.2 516.22
	Soggetti	Geometry, Analytic Calculus Geometry, Plane Geometry, Hyperbolic
	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

Contents; Preface; 1. Euclidean Barycentric Coordinates and the Classic Triangle Centers; 2. Gyrovectors Spaces and Cartesian Models of Hyperbolic Geometry; 3. The Interplay of Einstein Addition and Vector Addition; 4. Hyperbolic Barycentric Coordinates and Hyperbolic Triangle Centers; 5. Hyperbolic Incircles and Excircles; 6. Hyperbolic Tetrahedra; 7. Comparative Patterns; Notation And Special Symbols; Bibliography; Index

Sommario/riassunto

The word barycentric is derived from the Greek word barys (heavy), and refers to center of gravity. Barycentric calculus is a method of treating geometry by considering a point as the center of gravity of certain other points to which weights are ascribed. Hence, in particular, barycentric calculus provides excellent insight into triangle centers. This unique book on barycentric calculus in Euclidean and hyperbolic geometry provides an introduction to the fascinating and beautiful subject of novel triangle centers in hyperbolic geometry along with analogies they share with familiar triangle centers.
