1. Record Nr. UNINA9910254277403321 Autore Sedrakyan Hayk Titolo Geometric Inequalities: Methods of Proving / / by Hayk Sedrakyan, Nairi Sedrakyan Pubbl/distr/stampa Cham:,: Springer International Publishing:,: Imprint: Springer,, 2017 **ISBN** 3-319-55080-2 Edizione [1st ed. 2017.] Descrizione fisica 1 online resource (XII, 452 p. 268 illus., 5 illus. in color.) Collana Problem Books in Mathematics, , 0941-3502 Disciplina 512.97 Soggetti Geometry Geometry, Algebraic Algebraic Geometry Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Theorem on the Length of the Broken Line -- Application of Projection Nota di contenuto Method -- Areas -- Application of Trigonometric Inequalities --Inequalities for Radiuses -- Miscellaneous Inequalities -- Some Applications of Geometric Inequalities. Sommario/riassunto This unique collection of new and classical problems provides full coverage of geometric inequalities. Many of the 1,000 exercises are presented with detailed author-prepared-solutions, developing creativity and an arsenal of new approaches for solving mathematical problems. This book can serve teachers, high-school students, and mathematical competitors. It may also be used as supplemental reading, providing readers with new and classical methods for proving

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