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   Titolo   When less is more [[electronic resource]] : visualizing basic inequalities
                        / / Claudi Alsina, Roger B. Nelsen

   Pubbl/distr/stampa   [Washington, D.C.], : Mathematical Association of America, c2009

   ISBN   1-61444-202-9

   Descrizione fisica   1 online resource (204 p.)

   Collana   Dolciani mathematical expositions ; ; no. 36

   Altri autori (Persone) NelsenRoger B

   Disciplina   515.26

   Soggetti   Inequalities (Mathematics)
                        Visualization
                        Geometrical drawing
                        Electronic books.

   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 (p. 171-177) and index.

   Nota di contenuto   Representing positive numbers as lengths of segments -- Representing
                        positive numbers as areas or volumes -- Inequalities and the existence
                        of triangles -- Using incircles and circumcircles -- Using reflections --
                        Using rotations -- Employing non-isometric transformations --
                        Employing graphs of functions -- Additional topics.

   Sommario/riassunto   The proofs in When Less is More are in the spirit of proofs without
                        words, though most require at least a few words. The first inequalities
                        presented in the book, such as the inequalities between the harmonic,
                        geometric, and arithmetic mean, are familiar from analysis, but are
                        given geometric proofs. The second and largest set of inequalities are
                        geometric both in their statements and in their proofs. Toward the end
                        of the book some inequalities are more analytical in their statements as
                        well as their proofs--From publisher description.