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Title: Ptolemy constant and uniformity

Author(s): Eero Harmaala and Riku Klén

We study the Ptolemy constant and the uniformity constant in various plane domains including triangles, quadrilaterals and ellipses. To obtain our results, we use Möbius transformations and the quasihyperbolic metric.

Address: Eero Harmaala Department of Mathematics and Statistics University of Turku Turku Finland Address: Riku Klén Turku PET Centre University of Turku Turku Finland