

Seminarium geometrów

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Minimal filling diagram lemma for triangle-pentagon complexes of graphs with convex balls

Abstract: We prove the minimal filling diagram lemma for triangle-pentagon complexes of graphs with convex balls. Moreover, we investigate the structure of the minimal displacement set of a hyperbolic isometry acting on the triangle-pentagon complex of a graph with convex balls. We show that such set embeds isometrically into the complex.

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