

Povzetek vsebine:

Obdelana je grupa izometrij hiperbolične ravnine in predstavljena na izbranem Poincaréjevem polravninskem modelu.

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Key words:

angular defect, angle of parallelism, asymptotic pencil, fractional linear transformation, geodesic, glide reflection, horocycle, horolation, hypercycle, hyperbolic plane geometry, ideal rotation, isometries, isometry group, matrix representation of isometry, models, Poincaré half-plane model, reflection, rotation, translation, ultraparallel lines.

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