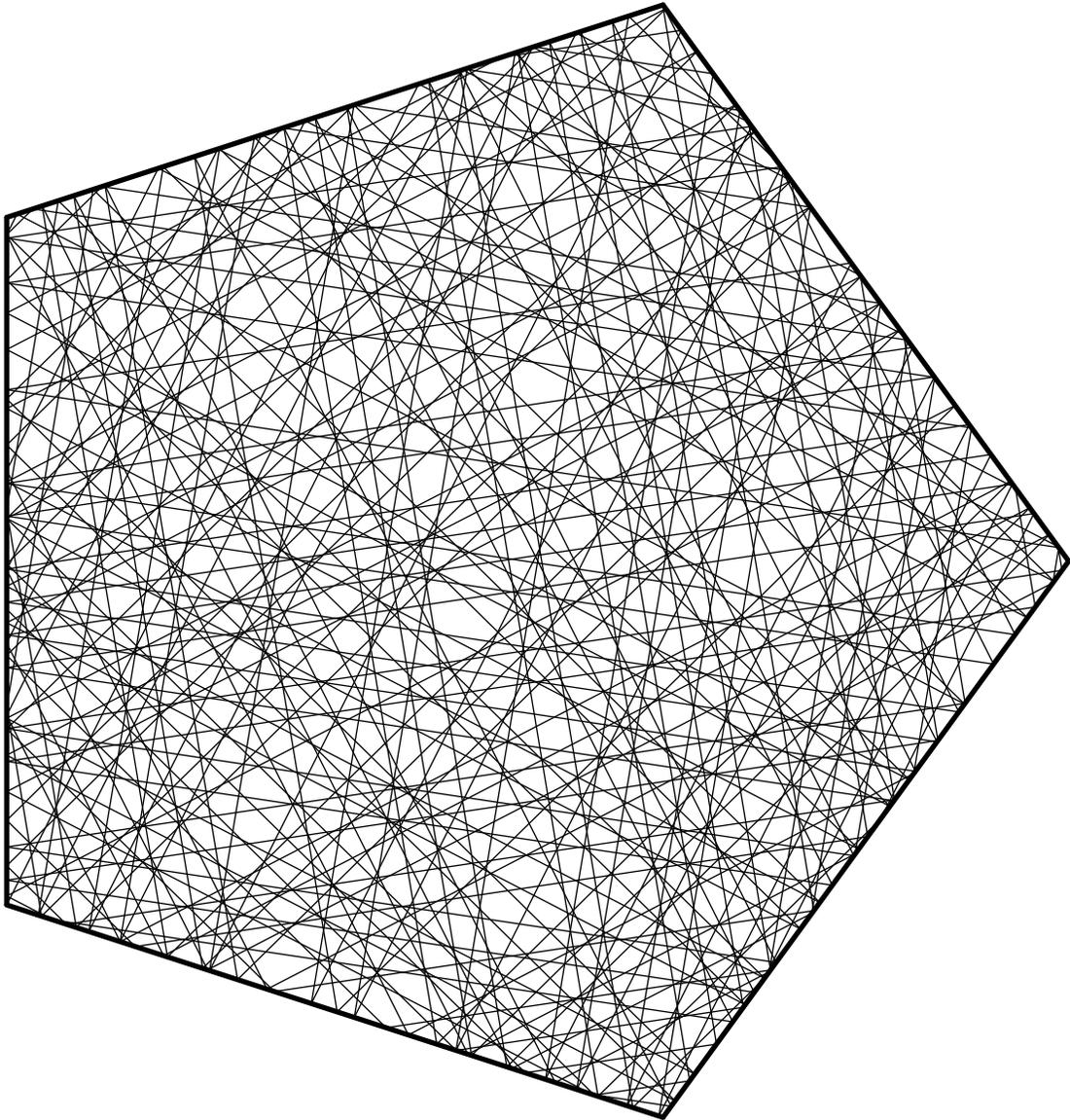
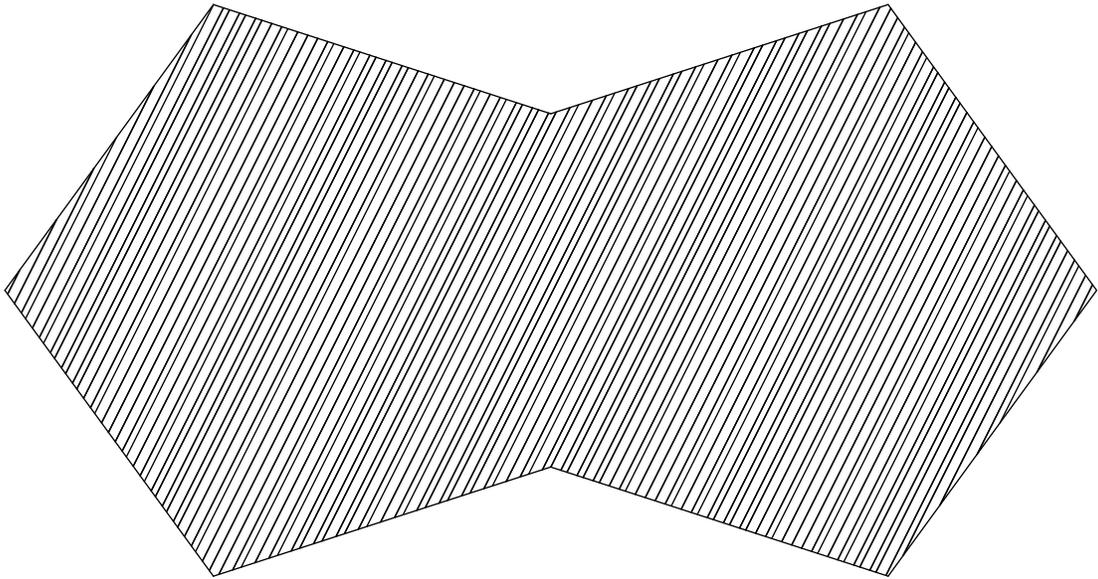


Billiards

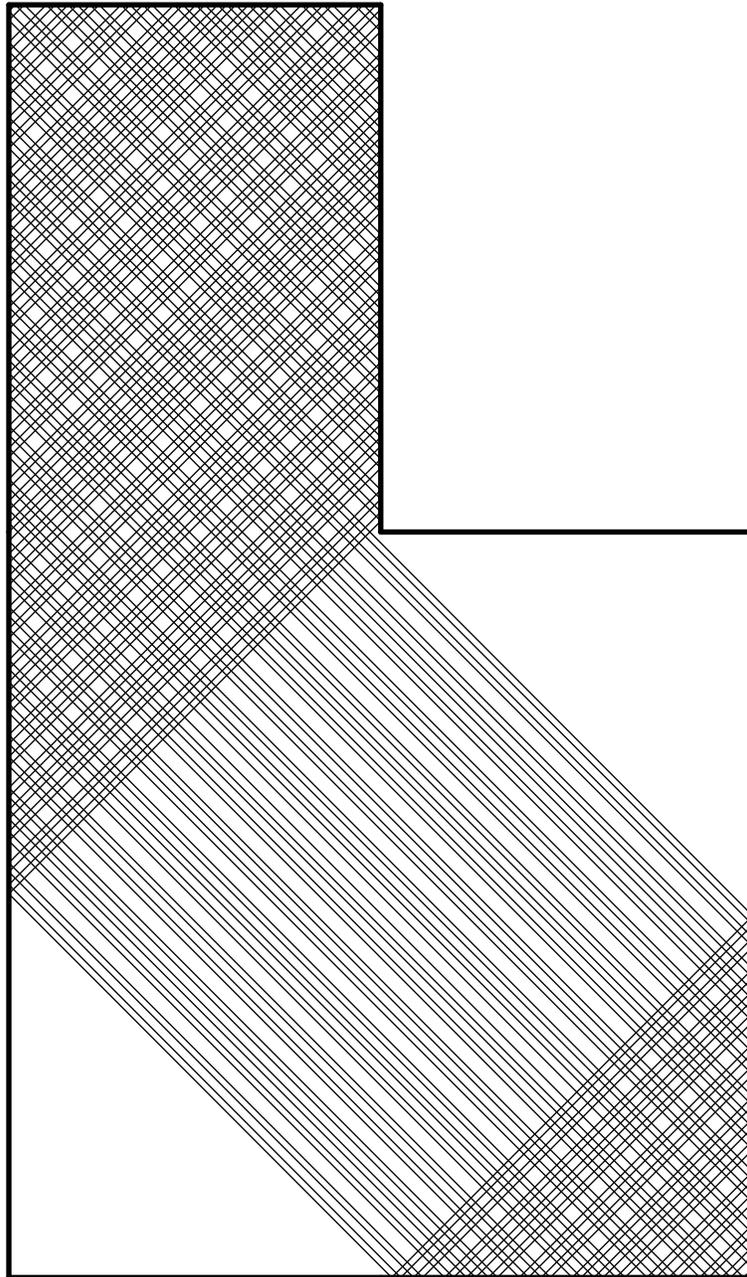
Billiards in a pentagon



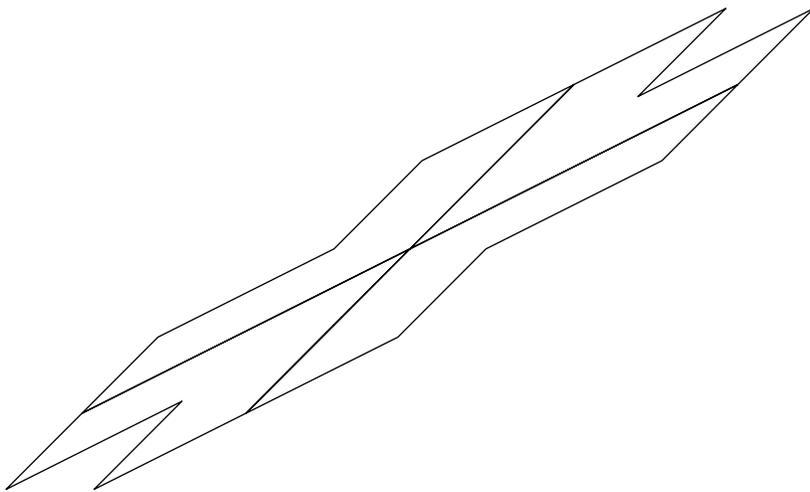
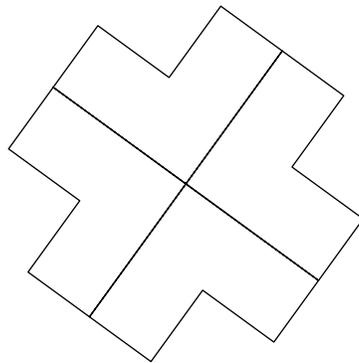
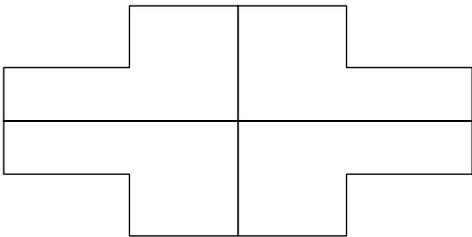
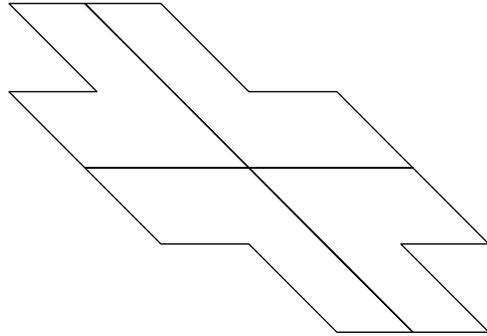
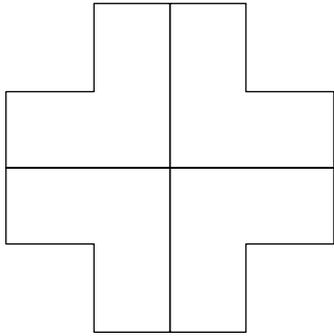
Unfolding



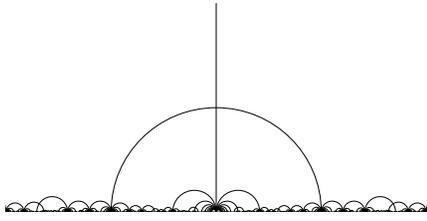
Trapped trajectories



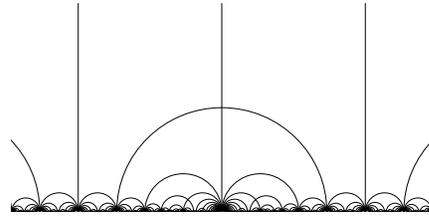
Billiards and $SL_2(\mathbb{R})$



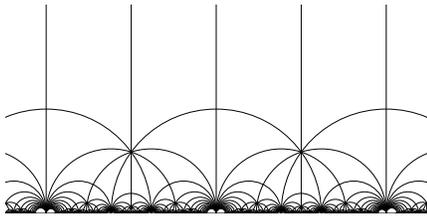
A sampler of Teichmüller curves



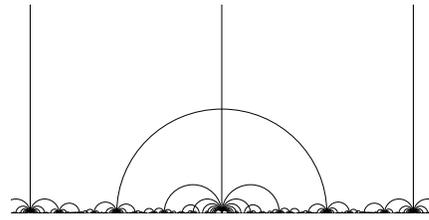
$d = 2$



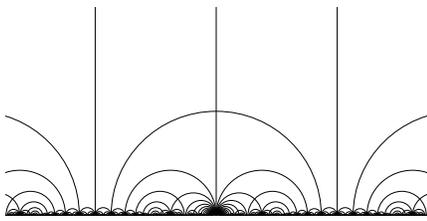
$d = 3$



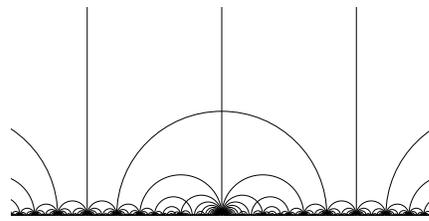
$d = 5$



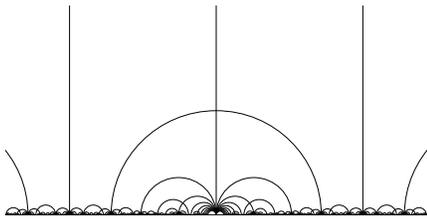
$d = 7$



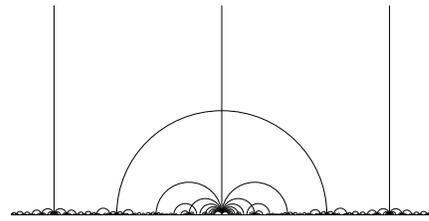
$d = 13$



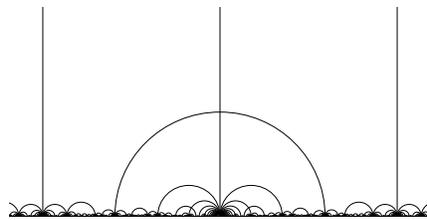
$d = 17$



$d = 21$

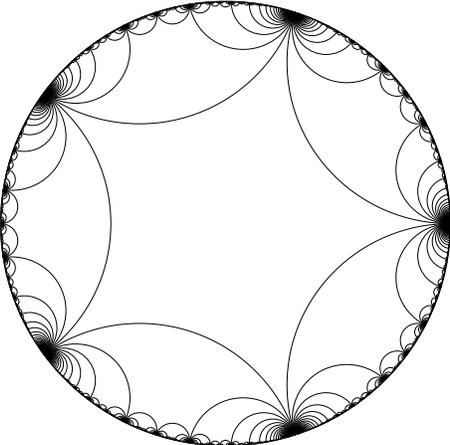


$d = 29$



$d = 33$

Holomorphic pentagon-to-star map



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