

Problem sheet 4

Problems will be discussed at the problem class on **November 23, 2016**.

Problem 8.

Provide an instance of the geometric Sliding Game with k unlabeled convex identical objects which requires $2k - 1$ moves for reconfiguration.

Problem 9.

Prove Carathéodory's Theorem. You may use Radon's Lemma.

Puzzle 4.

What is the perimeter of the given shape obtained by folding an A4 paper twice?

