

ZMATH 2011c.00498

Bankov, Kiril

Partition of a polygon into triangles.

Math. Compet. 23, No. 2, 23-29 (2011).

From the introduction: A partition of a polygon into triangles means to represent the polygon as a union of triangles in such a way that any two triangles do not have a common interior point. If any two triangles have either a common side or a common vertex, or do not have a common point at all, the partition is called a triangulation. This paper deals with partitions that are not triangulations.

Classification: G40

Keywords: plane geometry; polygons; non-regular partitions; non-regular triangles; anti-triangulations; tessellations; packings; student competitions; mathematical Olympiad