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Soifer, Alexander (Engel, Philip L.; Erdős, Paul; Grünbaum, Branko; Rousseau, Cecil)

How does one cut a triangle? With 80 illustr. and introductions by Philip L. Engel, Paul Erdős, Branko Grünbaum and Cecil Rousseau. (In English)

Colorado Springs, CO: Center for Excellence in Mathematical Education. xiii, 140 p. (1990). [ISBN 0-940263-01-7]

This booklet considers and solves problems in dividing triangles into congruent and into similar pieces; it further studies extremal problems on placing points in convex figures. The booklet is mainly written for students interested in geometry and it is written with much enthusiasm.

J.M. Wills

Classification:

52-01 Textbooks (convex and discrete geometry)

52A10 Convex sets in 2 dimensions (including convex curves)

05-01 Textbooks (combinatorics)

52C17 Packing and covering in n dimensions (discrete geometry)

Keywords:

convex polygons; tilings; dividing triangles