

ZMATH 2015b.00692

Rumanová, Lucia; Smiešková, Edita

Gothic ornaments as a motivational tool in teaching. (Gotické ornamenty ako motivačný prostriedok vo vyučovaní.)

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Summary: We focus on connecting the teaching geometry with visual art. We focus on traceries of the Gothic period and their geometrical constructions and principles. The constructions are simply constructed and the result is an aesthetically nice construction. The dynamic software GeoGebra is used to construct them.

Classification: G40 M80

Keywords: Gothic ornaments; modeling; mathematics and art; geometrical constructions