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Interesting ruled surfaces in technical practice and real-life. (Zaujímavé nerozvinutel'né priamkové plochy v technickej praxi a bežnom živote.)

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Summary: In the article we describe the use of knowledge from descriptive geometry in construction. Specifically we deals with unroll ruled surfaces, which are frequently used in technical practice because of their simplicity of construction and also good static properties. We present main unroll hyperboloid, hyperbolic paraboloid and different types of conoids. In structural engineering practice the common using of these surfaces is illustrated in the attached figures.

Classification: G80 M50

Keywords: ruled surfaces; conoids; properties; technical practice; examples of surfaces

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