

Old and new challenges in 3D graph drawing

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Abstract

Three-dimensional graph drawing has been a popular research topic in the late 1990s and early 2000s. While in subsequent years the topic has gone quite cold, it was very recently revived by the attainment of a solution to one of its major open problems and by the beginning of the investigation of new research questions.

In this talk I will survey old and recent results and highlight many open problems in the area, with a focus on 3D drawings in small volume and on morphing 3D graph drawings.