

Sturmfels, Bernd; Yu, Josephine

Classification of six-point metrics. (English) Zbl 1053.52019

[Electron. J. Comb.](#) 11, No. 1, Research paper R44, 16 p. (2004).

Summary: There are 339 combinatorial types of generic metrics on six points. They correspond to the 339 regular triangulations of the second hypersimplex $\Delta(6, 2)$, which also has 14 non-regular triangulations.

MSC:

[52B45](#) Dissections and valuations (Hilbert's third problem, etc.)

[51K05](#) General theory of distance geometry

[05C12](#) Distance in graphs

Cited in **16** Documents

Full Text: [arXiv](#) [EuDML](#) [EMIS](#)