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RIGID TORIC MATRIX SCHUBERT VARIETIES

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Abstract

In this talk, we introduce the usual torus action on matrix Schubert varieties. In the toric case we show that these varieties arise from a bipartite graph. We study the first order deformations of toric matrix Schubert varieties and we prove that it is rigid if and only if the three-dimensional faces of its associated (edge) cone are all simplicial.

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Details : <http://sntp.ca/ucgen/>