

About Koszul-Tate resolutions

I will present several results and open problems about Koszul-Tate resolutions. Several topics will be addressed : how symmetries “closing” only on a singular subset naturally give a \mathbb{Z} -graded \mathbb{Q} -manifold. with Koszul-Tate negative part, how to get constructive Koszul-Tate resolutions. Then I will detail several open questions about affine varieties. Joints works with Hancharuk, Kotov, Salnikov, Strobl.

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