

K-stability of nets of conics

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Nancy Abdallah, Jacques Emsalem and Tony Iarrobino classified net of conics in the paper “Nets of Conics and associated Artinian algebras of length 7”, which is an extended version of the unpublished preprint “Réseaux de coniques et algèbres de longueur sept associées” by Jacques and Tony written back in 1972. In my talk, I will explain how to use this results to determine which smooth Fano 3-folds in the deformation family No. 2.24 (divisors of degree $(1, 2)$ in the product of two projective planes, see <https://www.fanography.info/>) admit Kahler-Einstein metric and which does not.