Lista de lucrări – Miruna-Ștefana Sorea, 26 aprilie 2022

- **Teza de doctorat susținută în 10.10.2018, Université de Lille, Franța:**

(1) „The shapes of level curves of real polynomials near strict local minima"

(„Les formes des lignes de niveau des polynômes réels près d'un minimum local strict")

https://tel.archives-ouvertes.fr/tel-01909028/document

- **Articole SCIE publicate / acceptate spre publicare:**

(2) Disguised toric dynamical systems

(Laura Brustenga i Moncusí, Gheorghe Crăciun, Miruna-Ștefana Sorea);

publicat în **Journal of Pure and Applied Algebra**, DOI: 10.1016/j.jpaa.2022.107035.

(3) A quadratic identity in the shuffle algebra and a new proof for de Bruijin's formula

(Laura Colmenarejo, Joscha Diehl, Miruna-Ștefana Sorea);

publicat în **European Journal of Combinatorics**, DOI: 10.1016/j.ejc.2021.103406.

(4) Permutations encoding the local shape of level curves of real polynomials via generic projections

acceptat în **Annales de l'Institut Fourier**.

(5) Measuring the local non-convexity of real algebraic curves

publicat în **Journal of Symbolic Computation**, DOI: 10.1016/j.jsc.2020.07.017.

(6) Constructing Separable Arnold Snakes of Morse Polynomials

publicat în **Portugaliae Mathematica**, DOI: 10.4171/PM/2050.

- **Articole ESCI publicate / acceptate spre publicare:**

(7) On a generalization of the space of complete quadrics

(Abeer Al-Ahmadieh, Mario Kummer, Miruna-Ștefana Sorea)

publicat în **Le Matematiche**, DOI: 10.4418/2021.76.2.9.

(8) On the eigenpoints of cubic surfaces

(Türkü Özlüm Celik, Francesco Galuppi, Avinash Kulkarni, Miruna-Ștefana Sorea)

publicat în **Le Matematiche**, DOI: 10.4418/2020.75.2.13.

Lista de lucrări – Miruna-Ștefana Sorea, 26 aprilie 2022

- **Articole trimise spre publicare / preprints:**

(9) Symmetrically colored Gaussian graphical models with toric vanishing ideals

(Jane Coons, Aida Maraj, Pratik Misra, Miruna-Ștefana Sorea)

https://arxiv.org/abs/2111.14817;

(10) Families of polytopes with rational linear precision in higher dimensions

(Isobel Davies, Eliana Duarte, Irem Portakal, Miruna-Ștefana Sorea)

https://arxiv.org/abs/2109.08151;

(11) Adjoints and canonical forms of polypols
(Kathlén Kohn, Ragni Piene, Kristian Ranestad, Felix Rydell, Boris Shapiro, Rainer Sinn, Miruna-Ștefana Sorea, Simon Telen)

https://arxiv.org/abs/2108.11747;

(12) The structure of the moduli spaces of toric dynamical systems

(Gheorghe Crăciun, Miruna-Ștefana Sorea)

https://arxiv.org/abs/2008.11468;

(13) Exact Solutions in Log-Concave Maximum Likelihood Estimation

(Alexandros Grosdos, Alexander Heaton, Kaie Kubjas, Olga Kuznetsova, Georgy Scholten, Miruna-Ștefana Sorea)

https://arxiv.org/abs/2003.04840.