

Lista de lucrări – Sorea Miruna-Ştefana, 20 aprilie 2021

- **Teza de doctorat susţinută în 10.10.2018, Université de Lille, Franţa:**

„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:**

- [Permutations encoding the local shape of level curves of real polynomials via generic projections](#)

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

- [Measuring the local non-convexity of real algebraic curves](#)

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

- [Constructing Separable Arnold Snakes of Morse Polynomials](#)

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

- **Articole ESCI publicate:**

- [On the eigenpoints of cubic surfaces](#)

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

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

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

- [On a generalization of the space of complete quadrics](#)

(Abeer Al-Ahmadi, Mario Kummer, Miruna-Ştefana Sorea), <https://arxiv.org/abs/2011.13830> - **în recenzie**;

- [The structure of the moduli spaces of toric dynamical systems](#)

(Gheorghe Crăciun, Miruna-Ştefana Sorea), <https://arxiv.org/abs/2008.11468>;

- [Disguised toric dynamical systems](#)

(Laura Brustenga i Moncusi, Gheorghe Crăciun, Miruna-Ştefana Sorea), <https://arxiv.org/abs/2006.01289>;

- [Exact Solutions in Log-Concave Maximum Likelihood Estimation](#)

(Alexandros Grosdos, Alexander Heaton, Kaie Kubjas, Olga Kuznetsova, Georgy Scholten, Miruna-Ştefana Sorea), <https://arxiv.org/abs/2003.04840>;

- [A quadratic identity in the shuffle algebra and a new proof for de Bruijn’s formula](#)

(Laura Colmenarejo, Joscha Diehl, Miruna-Ştefana Sorea), <https://arxiv.org/abs/2003.01574> - **în recenzie**.