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Publications

Publications in Refereed Journals and Proceedings.

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- A. Parusiński and A. Rainer, *Eigenvalue stability of Hermitian and normal matrices*, arXiv:2603.23056.
- A. Rainer, *Effective quasianalytic Remez inequalities on tame sets*, arXiv:2606.08183.

Research Monograph. *Perturbation of hyperbolic polynomials and related lifting problems*, enlarged and corrected version of the doctoral thesis as monograph, in preparation,

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Habilitation Thesis. *Perturbation theory for polynomials and linear operators & The convenient setting for Denjoy–Carleman differentiable mappings*,

<http://www.mat.univie.ac.at/~armin/publ/habilitation.pdf>

Doctoral Thesis. *Choosing roots of polynomials smoothly and lifting smooth curves over invariants*,

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Diploma Thesis. *Zerlegungsgleichheit von Kreis und Quadrat*, in German,

<http://www.mat.univie.ac.at/~armin/publ/diplom.pdf>