

Ivan Morozov: Publication list

- [1] T. Zolkin, S. Nagaitsev, I. Morozov, and S. Kladov. *Geometry of Almost-Conserved Quantities in Symplectic Maps. Part III: Approximate Invariants in Nonlinear Accelerator Systems*. 2025. arXiv: [2505.07225](https://arxiv.org/abs/2505.07225) [nlin.CD]. URL: <https://arxiv.org/abs/2505.07225>.
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- [4] T. Zolkin, S. Nagaitsev, I. Morozov, S. Kladov, and Y.-K. Kim. “Isochronous and period-doubling diagrams for symplectic maps of the plane”. In: *Chaos, Solitons Fractals* 198 (2025), p. 116513. ISSN: 0960-0779. DOI: <https://doi.org/10.1016/j.chaos.2025.116513>. URL: <https://www.sciencedirect.com/science/article/pii/S0960077925005260>.
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- [8] T. Zolkin, S. Nagaitsev, I. Morozov, S. Kladov, and Y.-K. Kim. *Dynamics of McMillan mappings III. Symmetric map with mixed nonlinearity*. 2024. arXiv: [2410.10380](https://arxiv.org/abs/2410.10380) [nlin.SI]. URL: <https://arxiv.org/abs/2410.10380>.
- [9] T. Zolkin, S. Nagaitsev, and I. Morozov. *Dynamics of McMillan mappings I. McMillan multipoles*. 2024. arXiv: [2405.05652](https://arxiv.org/abs/2405.05652) [nlin.SI]. URL: <https://arxiv.org/abs/2405.05652>.
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