

# Ivan Morozov: Publication list

- [1] T. Zolkin, S. Nagaitsev, and I. Morozov. “Dynamics of McMillan mappings I. McMillan multipoles”. In: *Physica D: Nonlinear Phenomena* (2025), p. 134620. ISSN: 0167-2789. DOI: <https://doi.org/10.1016/j.physd.2025.134620>. URL: <https://www.sciencedirect.com/science/article/pii/S0167278925000995>.
- [2] I. Morozov and Y. Maltseva. “Coupled twiss parameters estimation from turn-by-turn data”. In: *Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment* 1066 (2024), p. 169646. ISSN: 0168-9002. DOI: <https://doi.org/10.1016/j.nima.2024.169646>. URL: <https://www.sciencedirect.com/science/article/pii/S0168900224005722>.
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- [5] 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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- [8] I. M. T. Zolkin and S. Nagaitsev. “Understanding sextupole”. English. In: *Proc. IPAC’24* (Nashville, TN). IPAC’24 - 15th International Particle Accelerator Conference 15. JACoW Publishing, Geneva, Switzerland, May 2024, pp. 725–728. ISBN: 978-3-95450-247-9. DOI: [10.18429/JACoW-IPAC2024-MOPS13](https://indico.jacow.org/event/63/contributions/3720). URL: <https://indico.jacow.org/event/63/contributions/3720>.
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