

Papers

- 2021 Bobrova I., Sokolov V. *On matrix Painlevé-4 equations. Part 1: Painlevé-Kovalevskaya test*, arXiv preprint [arXiv:2107.11680](https://arxiv.org/abs/2107.11680)
- 2021 Bobrova I., Mazzocco M. *The Sigma Form for the PII Hierarchy*. Journal of Geometry and Physics, 166 (2021): 104271. [arXiv:2012.11010](https://arxiv.org/abs/2012.11010)
- 2020 Bobrova I. *On symmetries of the non-stationary  $P_{II}^{(n)}$  hierarchy and their applications*, arXiv preprint (submitted to the TMPH journal) [arXiv:2010.10617](https://arxiv.org/abs/2010.10617)