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### Перелік публікацій

1. Ya. Rybalko, D. Shepelsky, "Long-Time Asymptotics for the Integrable Nonlocal Focusing Nonlinear Schrödinger Equation for a Family of Step-Like Initial Data," *Communications in Mathematical Physics* 382, 87–121 (2021).
2. Ya. Rybalko, D. Shepelsky, "Long-time asymptotics for the integrable nonlocal nonlinear Schrödinger equation with step-like initial data," *Journal of Differential Equations* 270, 694–724 (2021).
3. Ya. Rybalko, D. Shepelsky, "Defocusing nonlocal nonlinear Schrödinger equation with step-like boundary conditions: long-time behavior for shifted initial data", *Journal of Mathematical Physics, Analysis and Geometry*, 16, No.4 (2020).
4. Ya. Rybalko, D. Shepelsky, "Long-time asymptotics for the integrable nonlocal nonlinear Schrödinger equation", *Journal of Mathematical Physics* 60 031504 (2019).
5. Ya. Rybalko, D. Shepelsky, "Riemann-Hilbert approach for the integrable nonlocal nonlinear Schrodinger equation with step-like initial data", *Visnyk of V. N. Karazin Kharkiv National University. Ser. Mathematics, Applied Mathematics and Mechanics*. 88, 4-16 (2018).
6. Ya. Rybalko, "Initial value problem for the time-dependent linear Schrödinger equation with a point singular potential by the unified transform method", *Opuscula Math.* 38, no. 6 (2018).