研究業績リスト

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論文リスト

● 論文 (査読付き)

[1] T. Sato, *L^2-decay estimate for the dissipative nonlinear Schrödinger equation in the Gevrey class,* Arch. Math. **115** (2020), 575-588.

[2] T. Ogawa, <u>T. Sato</u>, *Analytic smoothing effect for system of nonlinear Schrödinger equations with general mass resonance,* Hiroshima Math. J. **50** (2020), 73-84.

[3] T. Ogawa, <u>T. Sato</u>, *L^2-decay rate for the critical nonlinear Schrödinger equation with a small smooth data,* NoDEA Nonlinear Differ. Equ. Appl. **27** (2020), 18.

[4] T. Sato, *Lower bound estimate for the dissipative nonlinear Schrödinger equation,* SN Partial Differ. Equ. Appl. **2** (2021), Paper No. 66, 11pp.

[5] N. Kita, <u>T. Sato</u>, *Optimal L^2-decay of solutions to a cubic dissipative nonlinear Schrödinger equation,* Asymptot. Anal. **129** (2022), 505-517.

[6] N. Kita, <u>T. Sato</u>, *Optimal L^2-decay of solutions to a nonlinear Schrödinger equation with sub-critical dissipative nonlinearity,* NoDEA Nonlinear Differ. Equ. Appl. **29** (2022), 41.

[7] T. Sato, *Large time behavior of solutions to the critical dissipative nonlinear Schrödinger equation with large data,* J. Evol. Equ. (2022), Paper No. 59.

[8] M. Kawamoto, <u>T. Sato</u>, *Asymptotic behavior of solutions to a dissipative nonlinear Schrödinger equation with time dependent harmonic potentials,* J. Differential Equations **345** (2023), 418-446.

[9] N. Hayashi, C. Li, T. Ogawa, <u>T. Sato</u>, *Critical exponent for global existence of solutions to the Schrödinger equation with a nonlinear boundary condition,* Nonlinear Anal., accepted.

[10] N. Kita, <u>T. Sato</u>, *Optimal L^2-decay of solutions to the dissipative nonlinear Schrödinger equation in higher space dimensions,* J. Differential Equations, accepted.

● プレプリント

[11] N. Kita, <u>T. Sato</u>, *Optimal L^2-decay of solutions to a Schrödinger equation with sub-critical dissipative nonlinearity in higher space dimension,* preprint.

[12] N. Hayashi, T. Ogawa, <u>T. Sato</u>, *Nonlinear Neumann boundary value problem for nonlinear Schrödinger equations in half-line with power nonlinearities,* preprint.