

論文リスト

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論文・紀要・論文集

(査読あり)

- [1] Y. Sato, "Multi-peak positive solutions for nonlinear Schrödinger equations with critical frequency" *Calc. Var. P. D. E.* **29**, No 3 p365–395 July, (2007).
- [2] Y. Sato, "Sign-changing multi-peak solutions for nonlinear Schrödinger equations with critical frequency", *Communications on Pure and Applied Analysis*, **7**, p883-903, July, (2008).
- [3] Y. Sato, K. Tanaka, "Sign-changing multi-bump solutions for nonlinear Schrödinger equations with steep potential wells", *Trans. Amer. Math. Soc.* **361**, p6205-6253, July, (2009).

(査読なし)

- [1] 佐藤洋平, 田中和永, "Sign-changing multi-bump solutions for some singular perturbation problem", 「*変分問題とその周辺*」京都大学数理解析研究所講究録, 1405巻, p187–196, 2004年.
- [2] 佐藤洋平, 田中和永, "Sign-changing multi-bump solutions for some singular perturbation problem", 第26回発展方程式若手セミナー報告集, p132–137, 2004年.
- [3] 佐藤洋平, 田中和永, "Multiple positive and sign-changing solutions for nonlinear Schrödinger equations", 「*反応拡散系に現れる時・空間パターンのメカニズム*」京都大学数理解析研究所講究録, 1416巻, p12–29, 2004年.
- [4] 佐藤洋平, "Positive solutions joining bumps and spikes for nonlinear Schrödinger equations", 第27回発展方程式若手セミナー報告集, p203–209, 2005年.
- [5] Y. Sato, K. Tanaka "Sign-changing multi-bump solutions for NLS with steep potential wells", *Topological and Variational Methods for Differential Equations*, Mathematisches Forschungsinstitut Oberwolfach, Report No 29, p64–66, 2005年.
- [6] 佐藤洋平, "Multi-peak positive solutions for nonlinear Schrödinger equations with critical frequency", 「*変分問題とその周辺*」京都大学数理解析研究所講究録, 1528巻, p60–84, 2006年.
- [7] 佐藤洋平, "Existence and non-existence for the nonlinear Schrödinger equation", 「*変分問題の展開 幾何学的勾配流と臨界点理論の新潮流*」京都大学数理解析研究所講究録, 1740巻, p52-p63, 2011年5月.
- [8] 佐藤洋平, "The existence and non-existence of the non-trivial solutions of the nonlinear Schrödinger equations for one and high dimensional case", 「*新しい視点からの現象解析と関数方程式*」京都大学数理解析研究所講究録, 1750巻, 2011年7月, p52–p69.

未発表論文

- [1] Y. Sato; "The existence and non-existence of the non-trivial solutions of the nonlinear Schrödinger equations for one dimensional case", p22, 投稿中
- [2] Y. Sato, Zhi-Qiang Wang; "The multiple existence of semi-positive solutions for a nonlinear Schrödinger system", p29,