

## 論文リスト

( \_\_\_ : 本人)

- [12] Noriyoshi Fukaya and Masahito Ohta, *Instability of standing waves for double power nonlinear Schrödinger equations*, to appear in RIMS Kôkyûroku Bessatsu. (印刷中)
- [11] Noriyoshi Fukaya and Masayuki Hayashi, *Instability of stationary solutions for double power nonlinear Schrödinger equations in one dimension*, Partial Differential Equations and Applications **6** (2025), no. 1, Paper No. 1.  
<https://doi.org/10.1007/s42985-024-00309-8>
- [10] Noriyoshi Fukaya, Masayuki Hayashi, and Takahisa Inui, *Traveling waves for a nonlinear Schrödinger system with quadratic interaction*, Mathematische Annalen **388** (2024), no. 2, 1357–1378.  
<https://doi.org/10.1007/s00208-022-02555-w>
- [9] Noriyoshi Fukaya and Masayuki Hayashi, *Instability of degenerate solitons for nonlinear Schrödinger equations with derivative*, Nonlinear Analysis. Theory, Methods & Applications. An International Multidisciplinary Journal **222** (2022), Paper No. 112954.  
<https://doi.org/10.1016/j.na.2022.112954>
- [8] Noriyoshi Fukaya, Vladimir Georgiev, and Masahiro Ikeda, *On stability and instability of standing waves for 2d-nonlinear Schrödinger equations with point interaction*, Journal of Differential Equations **321** (2022), 258–295.  
<https://doi.org/10.1016/j.jde.2022.03.008>
- [7] Noriyoshi Fukaya, *Stability of standing waves for  $L^2$ -critical nonlinear Schrödinger equations with attractive inverse-power potential*, RIMS Kôkyûroku Bessatsu **B88**: Harmonic analysis and nonlinear partial differential equations (2021), 45–54.  
<http://hdl.handle.net/2433/268944>
- [6] Noriyoshi Fukaya and Masayuki Hayashi, *Instability of algebraic standing waves for nonlinear Schrödinger equations with double power nonlinearities*, Transactions of the American Mathematical Society **374** (2021), no. 2, 1421–1447.  
<https://doi.org/10.1090/tran/8269>
- [5] Noriyoshi Fukaya, *Uniqueness and nondegeneracy of ground states for nonlinear Schrödinger equations with attractive inverse-power potential*, Communications on Pure and Applied Analysis **20** (2021), no. 1, 121–143.

<https://doi.org/10.3934/cpaa.2020260>

- [4] Noriyoshi Fukaya and Masahito Ohta, *Strong instability of standing waves for nonlinear Schrödinger equations with attractive inverse power potential*, Osaka Journal of Mathematics **56** (2019), no. 4, 713–726.

<https://projecteuclid.org/euclid.ojm/1571623218>

- [3] Noriyoshi Fukaya and Masahito Ohta, *Strong instability of standing waves with negative energy for double power nonlinear Schrödinger equations*, SUT Journal of Mathematics **54** (2018), no. 2, 131–143.

<https://doi.org/10.55937/sut/1549709992>

- [2] Noriyoshi Fukaya, *Instability of solitary waves for a generalized derivative nonlinear Schrödinger equation in a borderline case*, Kodai Mathematical Journal **40** (2017), no. 3, 450–467.

<https://doi.org/10.2996/kmj/1509415227>

- [1] Noriyoshi Fukaya, Masayuki Hayashi, and Takahisa Inui, *A sufficient condition for global existence of solutions to a generalized derivative nonlinear Schrödinger equation*, Analysis & PDE **10** (2017), no. 5, 1149–1167.

<https://doi.org/10.2140/apde.2017.10.1149>