

論文リスト

論文 (発表予定)

1. A. Kosaka, Y. Miyamoto, “The Emden–Fowler equation on a spherical cap of \mathbb{S}^N ”, preprint.

論文 (査読あり)

1. A. Kosaka, “Emden equation involving the critical Sobolev exponent with the third-kind boundary condition in \mathbb{S}^3 ”, *Kodai Math. J.* **35** (2012), 613–628.
2. A. Kosaka, “Bifurcation of solutions to semilinear elliptic problems on \mathbb{S}^2 with a small hole”, *Sci. Math. Jpn. Online e-2014* (2014), 55–80.
3. Y. Kabeya, T. Kawakami, A. Kosaka, H. Ninomiya, “Eigenvalues of the Laplace–Beltrami operator on a large spherical cap under the Robin problem”, *Kodai Math. J.* **37** (2014), 620–645.

論文 (査読なし)

1. A. Kosaka, “Properties of a least energy solution to a semilinear elliptic equation with exponential nonlinearity”, *RIMS Kôkyûroku* **1779** (2012), 128–139.
2. 小坂篤志, “球面上の測地球上で定義された Emden 方程式の正值球対称解の構造”, 第 34 回 発展方程式若手セミナー報告集 (2013), 309–316.
3. A. Kosaka, “Existence and Nonexistence of solutions to the Emden-Fowler equation on a geodesic ball in \mathbb{S}^N ”, *RIMS Kôkyûroku* **1838** (2013), 54–63.
4. A. Kosaka, “Structure of solutions to the Emden equation on a geodesic ball in a sphere”, *Proceedings of Seminar on Partial Differential Equations in Osaka 2012* (2013), 19–24.
5. 小坂篤志, “小さい穴がある 2 次元球面上における半線形楕円型方程式の分岐解の構造”, 第 35 回 発展方程式若手セミナー報告集 (2013), 211–218.