

論文一覧表

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A 査読付き雑誌に掲載済の学術論文

- [A1] Ryo Takada, “Local existence and blow-up criterion for the Euler equations in Besov spaces of weak type”, *J. Evol. Equ.* **8** (2008), 693–725.
- [A2] Hideo Kozono, Yoshie Sugiyama and Ryo Takada, “Non-existence of finite-time self-similar solutions of the Keller-Segel System in the scaling invariant class”, *J. Math. Anal. Appl.* **365** (2010), 60–66.
- [A3] Ryo Takada, “Counterexamples of commutator estimates in the Besov and the Triebel-Lizorkin spaces related to the Euler equations”, *SIAM J. Math. Anal.* **42** (2010), 2473–2483.
- [A4] Okihiro Sawada and Ryo Takada, “On the analyticity and the almost periodicity of the solution to the Euler equations with non-decaying initial velocity”, *J. Funct. Anal.* **260** (2011), 2148–2162.

B 会議録（査読有り）

- [B1] Okihiro Sawada and Ryo Takada, “Propagation of the analyticity for the solution to the Euler equations with non-decaying initial velocity”, *RIMS Kôkyûroku Bessatsu : Harmonic Analysis and Nonlinear Partial Differential Equations*, to appear.

C 会議録（査読無し）

- [C1] Ryo Takada, “Nonexistence of backward self-similar weak solutions to the Euler Equations”, 京都大学数理解析研究所講究録「流体と気体の数学解析」(Mathematical Analysis in Fluid and Gas Dynamics) **1690** (2010), 147–155.

D プレプリント

- [D1] Tsukasa Iwabuchi and Ryo Takada, “Global well-posedness and ill-posedness for the Navier-Stokes equations with the Coriolis force in function spaces of Besov type”, submitted.
- [D2] Tsukasa Iwabuchi and Ryo Takada, “Dispersive effect of the Coriolis force and local well-posedness for the Navier-Stokes equations in the rotational framework”, submitted.