論文リスト 濱本直樹

[1] Naoki Hamamoto. Sharp Rellich-Leray inequality for axisymmetric divergence-free vector fields. *Calculus of Variations and Partial Differential Equations*, 58(4): Paper No. 149, 23 pp, 2019.

- [2] Naoki Hamamoto. Three-dimensional sharp Hardy-Leray inequality for solenoidal fields. *Nonlinear Analysis*, 191: Art. 111634, 14 pp, 2020.
- [3] Naoki Hamamoto and Futoshi Takahashi. Sharp Hardy-Leray inequality for three-dimensional solenoidal fields with axisymmetric swirl. *Communications on Pure and Applied Analysis*. (to appear).
- [4] Naoki Hamamoto and Futoshi Takahashi. Sharp Hardy-Leray and Rellich-Leray inequalities for curl-free vector fields. *Mathematische Annalen*, 2019.