

論文リスト

氏名：小川達也

● 査読あり

1. Hideki Ishihara & Tatsuya Ogawa,
“Charge Screened Nontopological Solitons in a Spontaneously Broken U(1) Gauge Theory”
arXiv:1811.10894 [hep-th], Prog. Theor. Exp. Phys. 2019, 021B01 (2019).
2. Hideki Ishihara & Tatsuya Ogawa,
“Homogeneous Balls in a Spontaneously Broken U(1) Gauge Theory”
arXiv:1901.08799 [hep-th], Phys. Rev. D 99, 056019 (2019).
3. Hideki Ishihara & Tatsuya Ogawa,
“A Variety of Nontopological Solitons in a Spontaneously Broken U(1) Gauge Theory –
Dust Balls, Potential Balls, and Shell Balls- ”
arXiv:2103.13732 [hep-th], Phys. Rev. D 103, 123029 (2021).
4. Yota Endo, Hideki Ishihara, and Tatsuya Ogawa
“Relativistic Nontopological Soliton Stars in a U(1) Gauge Higgs Model”
arXiv:2203.09709 [hep-th], Phys. Rev. D 105, 104041 (2022).
5. Tatsuya Ogawa and Hideki Ishihara
“Solitonic gravastars in a U(1) gauge-Higgs model”
arXiv:2303.07632 [hep-th], Phys.Rev.D 107 (2023) 12, L121501

● 査読無し

1. Hideki Ishihara & Tatsuya Ogawa,
“Perfect Charge Screening of Extended Sources in an Abelian-Higgs Model”
arXiv:1811.10848 [hep-th].

● 投稿予定

1. Tatsuya Ogawa and Hideki Ishihar
“Solitonic gravastars in a U(1) gauge-Higgs model” (Full Paper)
Phys. Rev. D ～投稿予定
2. Tatsuya Ogawa and Hideki Ishihar
“Geodesics around solitonic gravastars in a U(1) gauge-Higgs model”
Phys. Rev. D ～投稿予定
3. Hideki Ishihara & Tatsuya Ogawa,
“Cosmic Strings with twisted phase in a U(1) gauge Higgs model”
Phys. Rev. D ～投稿予定