

論文リスト

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A. 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- ”
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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
6. Tatsuya Ogawa and Hideki Ishihara
“ Gravastars as nontopological solitons ”
arXiv:2409.07818 [hep-th]., Phys. Rev. D 110, 124003 (2024).

B. 査読なし

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

C. 投稿予定

1. Tatsuya Ogawa and Hideki Ishihara
“ Solitonic Shell-Stars versus Gravastars in a U(1) Gauge Higgs Model I ”
2. Tatsuya Ogawa and Hideki Ishihara
“ Solitonic Shell-Stars versus Gravastars in a U(1) Gauge Higgs Model II ”
3. Kai Murai, Tatsuya Ogawa, and Fuminobu Takahashi
“ Friedberg-Lee-Sirlin Oscillons ”