

論文リスト

森澤理之

1. K. Uzawa, Y. Morisawa and S. Mukohyama,
`Excitation of Kaluza-Klein gravitational mode,`
Phys. Rev. D **62**, 064011 (2000).
2. Y. Morisawa, R. Yamazaki, D. Ida, A. Ishibashi and K. i. Nakao,
`Thick domain walls intersecting a black hole,`
Phys. Rev. D **62**, 084022 (2000).
3. Y. Morisawa, K. Uzawa and S. Mukohyama,
`Excitation of Kaluza-Klein modes of a U(1) field by parametric resonance,`
Phys. Rev. D **62**, 104019 (2000).
4. D. Ida and Y. Morisawa,
`Hidden symmetry of the three-dimensional Einstein-Maxwell equations,`
Phys. Rev. D **63**, 104019 (2001).
5. Y. Morisawa, D. Ida, A. Ishibashi and K. i. Nakao,
`Thick domain walls around a black hole,`
Phys. Rev. D **67**, 025017 (2003).
6. D. Ida, Y. Uchida and Y. Morisawa,
`Scalar perturbation of the higher-dimensional rotating black holes,`
Phys. Rev. D **67**, 084019 (2003).
7. K. i. Nakao and Y. Morisawa,
`High speed dynamics of collapsing cylindrical dust fluid,`
Class. Quant. Grav. **21**, 2101 (2004).
8. Y. Morisawa and D. Ida,
`Boundary value problem for five-dimensional stationary rotating black holes,`
Phys. Rev. D **69**, 124005 (2004).
9. K. i. Nakao and Y. Morisawa,
`High-Speed Cylindrical Collapse of Perfect Fluid,`
Prog. Theor. Phys. **113**, 73 (2005).
10. N. Deruelle and Y. Morisawa,
`Mass and angular momenta of Kerr anti-de Sitter spacetimes in Einstein-Gauss-Bonnet theory,`
Class. Quant. Grav. **22**, 933 (2005).
11. Y. Morisawa and D. Ida,
`Scalar field perturbation on six-dimensional ultraspinning black holes,`
Phys. Rev. D **71**, 044022 (2005).
12. K. i. Nakao and Y. Morisawa,
`Gravitational radiation from a cylindrical naked singularity,`
Phys. Rev. D **71**, 124007 (2005).

13. S. Tomizawa, Y. Morisawa and Y. Yasui,
 ``Vacuum solutions of five dimensional Einstein equations generated by inverse scattering method,’’
 Phys. Rev. D **73**, 064009 (2006).
14. K. i. Nakao, Y. Kurita, Y. Morisawa and T. Harada,
 ``Relativistic Gravitational Collapse of Cylindrical Shell Of Dust,’’
 Prog. Theor. Phys. **117**, 75 (2007).
15. D. Ida, H. Ishihara, M. Kimura, K. Matsuno, Y. Morisawa and S. Tomizawa,
 ``Cosmological black holes on Taub–NUT space in five–dimensional Einstein–Maxwell theory,’’
 Class. Quant. Grav. **24**, 3141 (2007).
16. Y. Morisawa, S. Tomizawa and Y. Yasui,
 ``Boundary value problem for black rings,’’
 Phys. Rev. D **77**, 064019 (2008).
17. A. Anabalon, N. Deruelle, Y. Morisawa, J. Oliva, M. Sasaki, D. Tempo and R. Troncoso,
 ``Kerr–Schild ansatz in Einstein–Gauss–Bonnet gravity: An exact vacuum solution in five dimensions,’’
 Class. Quant. Grav. **26**, 065002 (2009).
18. S. Tomizawa, Y. Yasui and Y. Morisawa,
 ``Charged rotating Kaluza–Klein black holes generated by $G_{2(2)}$ transformation,’’
 Class. Quant. Grav. **26**, 145006 (2009).
19. Y. Morisawa,
 ``Toward a Geometric Formulation of Triangular Arbitrage --- An Introduction to Gauge Theory of Arbitrage ---,’’
 Prog. Theor. Phys. Suppl. **179**, 209 (2009).
20. K. i. Nakao, T. Harada, Y. Kurita and Y. Morisawa,
 ``Relativistic Gravitational Collapse of a Cylindrical Shell of Dust II --- Settling Down Boundary Condition ---,’’
 Prog. Theor. Phys. **122**, 521 (2009).
21. T. Houri, Y. Morisawa and K. Tomoda
 ``Antisymmetric tensor generalizations of affine vector fields,’’
 J. Math. Phys. **57**, 022501 (2016).
22. Y. Morisawa, S. Hasegawa, T. Koike and H. Ishihara
 ``Cohomogeneity–one–string integrability of spacetimes,’’
 Class. Quantum Grav. **36**, 155009 (2019).
23. T. Ayano and Y. Morisawa
 ``On the activities of the support of education for mathematics in OCU learning center,’’
 OCU Journal of Higher Education Studies **19**, 30 (2022).
24. H. Kozaki, T. Koike, Y. Morisawa and H. Ishihara,
 ``Nambu–Goto strings with a null symmetry and contact structure,’’
 Phys. Rev. D **108**, 084069 (2023).
25. H. Kozaki, H. Ishihara, T. Koike and Y. Morisawa,
 ``Spacetime constructed from a contact manifold with a degenerate metric,’’
 Phys. Rev. D **110**, 104023 (2024)