

- [1] Hideki Ishihara, Masashi Kimura, Ken Matsuno, Shinya Tomizawa,
Black holes on Eguchi-Hanson space in five-dimensional Einstein-Maxwell theory
Physical Review D 74 巻 4 号 pp.047501-1~047501-2, 2006 年 8 月 14 日.
- [2] Hideki Ishihara, Ken Matsuno,
Kaluza-Klein Black Holes with Squashed Horizons
Progress of Theoretical Physics 116 巻 2 号 pp.417~422, 2006 年 8 月 23 日.
- [3] Hideki Ishihara, Masashi Kimura, Ken Matsuno, Shinya Tomizawa,
Kaluza-Klein Multi-Black Holes in Five-Dimensional Einstein-Maxwell Theory
Classical and Quantum Gravity 23 巻 23 号 pp.6919~6925, 2006 年 10 月 20 日.
- [4] Daisuke Ida, Hideki Ishihara, Masashi Kimura, Ken Matsuno, Yoshiyuki
Morisawa, Shinya Tomizawa,
Cosmological Black Holes on Taub-NUT space in Five-Dimensional Einstein-
Maxwell Theory
Classical and Quantum Gravity 24 巻 13 号 pp.3141~3149, 2007 年 6 月 12 日.
- [5] Shinya Tomizawa, Hideki Ishihara, Masashi Kimura, Ken Matsuno,
Supersymmetric Black Rings on Eguchi-Hanson Space
Classical and Quantum Gravity 24 巻 22 号 pp.5609~5625, 2007 年 11 月 6 日.
- [6] Ken Matsuno, Hideki Ishihara, Masashi Kimura, Shinya Tomizawa,
Coalescence of rotating black holes on Eguchi-Hanson space
Physical Review D 76 巻 10 号 pp.104037-1~104037-9, 2007 年 11 月 21 日.
- [7] Toshiharu Nakagawa, Hideki Ishihara, Ken Matsuno, Shinya Tomizawa,
Charged rotating Kaluza-Klein black holes in five dimensions
Physical Review D 77 巻 4 号 pp.044040-1~044040-8, 2008 年 2 月 25 日.
- [8] Chul-Moon Yoo, Hideki Ishihara, Masashi Kimura, Ken Matsuno, Shinya
Tomizawa,
Horizons of Coalescing Black Holes on Eguchi-Hanson Space
Classical and Quantum Gravity 25 巻 9 号 pp.095017-1~095017-16, 2008 年 4 月 22
日.
- [9] Ken Matsuno, Hideki Ishihara, Toshiharu Nakagawa, Shinya Tomizawa,
Rotating Kaluza-Klein multi-black holes with Gödel parameter
Physical Review D 78 巻 6 号 pp.064016-1~064016-10, 2008 年 9 月 5 日.

- [10] Shinya Tomizawa, Hideki Ishihara, Ken Matsuno, Toshiharu Nakagawa,
Kaluza-Klein-Kerr-Gödel Black Holes -Kaluza-Klein Black Holes with Rotations of
Black Hole and Universe-
Progress of Theoretical Physics 121 卷 4 号 pp.823~841, 2009 年 4 月 5 日.
- [11] Ken Matsuno, Hideki Ishihara,
Geodetic precession in squashed Kaluza-Klein black hole spacetimes
Physical Review D 80 卷 10 号 pp.104037-1~104037-6, 2009 年 11 月 30 日.
- [12] Masoud Allahverdizadeh, Ken Matsuno, Ahmad Sheykhi,
Charged rotating Kaluza-Klein black holes in dilaton gravity
Physical Review D 81 卷 4 号 pp.044001-1~044001-7, 2010 年 2 月 1 日.
- [13] Ken Matsuno, Koichiro Umetsu,
Hawking radiation as tunneling from squashed Kaluza-Klein black hole
Physical Review D 83 卷 6 号 pp.064016-1~064016-7, 2011 年 3 月 14 日.
- [14] Takamitsu Tatsuoka, Hideki Ishihara, Masashi Kimura, Ken Matsuno,
Extremal charged black holes with a twisted extra dimension
Physical Review D 85 卷 4 号 pp.044006-1~044006-10, 2012 年 2 月 6 日.
- [15] Ken Matsuno, Hideki Ishihara, Masashi Kimura, Takamitsu Tatsuoka,
Kaluza-Klein vacuum multi-black holes in five dimensions
Physical Review D 86 卷 4 号 pp.044036-1~044036-5, 2012 年 8 月 21 日.
- [16] Ken Matsuno, Hideki Ishihara, Masashi Kimura, Takamitsu Tatsuoka,
Charged rotating Kaluza-Klein multiblack holes and multiblack strings in
five-dimensional Einstein-Maxwell theory
Physical Review D 86 卷 10 号 pp.104054-1~104054-6, 2012 年 11 月 26 日.
- [17] Yuki Kanou, Hideki Ishihara, Masashi Kimura, Ken Matsuno, Takamitsu
Tatsuoka,
Charged black holes in a five-dimensional Kaluza-Klein universe
Physical Review D 90 卷 8 号 pp.084004-1~084004-8, 2014 年 10 月 3 日.
- [18] Masashi Kimura, Hideki Ishihara, Ken Matsuno, Takahiro Tanaka,
A simple diagnosis of non-smoothness of black hole horizon: Curvature singularity
at horizons in extremal Kaluza-Klein black holes
Classical and Quantum Gravity 32 卷 1 号 pp.015005-1~015005-20, 2014 年 12 月 5
日.

- [19] S. H. Hendi, A. Sheykhi, M. Sepehri Rad, Ken Matsuno,
Slowly rotating dilatonic black holes with exponential form of nonlinear
electrodynamics
General Relativity and Gravitation 47 卷 10 号 pp.117-1~117-14, 2015 年 9 月 9 日.
- [20] Ken Matsuno, Hideki Ishihara, Masashi Kimura,
A pair of extremal charged black holes on Kerr-Taub-bolt space
Classical and Quantum Gravity 32 卷 21 号 pp.215008-1~215008-18, 2015 年 10 月
8 日.
- [21] Masoud Sepehri Rad, Seyed Hossein Hendi, Ken Matsuno, Ahmad Sheykhi,
Extremal Einstein-Born-Infeld black holes in dilaton gravity
Annals of Physics 363 卷 pp.485~495, 2015 年 10 月 22 日.
- [22] Hideki Ishihara, Masashi Kimura, Ken Matsuno,
Charged black strings in a five-dimensional Kasner universe
Physical Review D 93 卷 2 号 pp.024037-1~024037-14, 2016 年 1 月 21 日.
- [23] Hideki Ishihara, Ken Matsuno, Masaaki Takahashi, Syuto Teramae,
Particle acceleration by ion-acoustic solitons in plasma
Physical Review D 98 卷 12 号 pp.123010-1~123010-9, 2018 年 12 月 14 日.
- [24] Ken Matsuno, Hideki Ishihara, Youhei Masada, Masaaki Takahashi,
Particle acceleration by cylindrical magnetoacoustic solitons in plasma
Physical Review D ~投稿予定, 2019 年.
- [25] Youhei Masada, Hideki Ishihara, Ken Matsuno, Masaaki Takahashi,
Ion-acoustic and magnetoacoustic solitons in plasma
Physical Review D ~投稿予定, 2019 年.
- [26] Ken Matsuno,
Slowly rotating scalar hairy black holes in higher dimensions
Physical Review D ~投稿予定, 2019 年.
- [27] Hideki Ishihara, Masashi Kimura, Ken Matsuno,
Uniqueness of time-dependent black strings in five-dimensional Einstein-Maxwell
theory
Physical Review D ~投稿予定, 2019 年.