

- [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 卷 4 号 pp.047501-1~047501-2, 2006 年 8 月 14 日.
- [2] Hideki Ishihara, Ken Matsuno,  
Kaluzza-Klein Black Holes with Squashed Horizons  
Progress of Theoretical Physics 116 卷 2 号 pp.417~422, 2006 年 8 月 23 日.
- [3] Hideki Ishihara, Masashi Kimura, Ken Matsuno, Shinya Tomizawa,  
Kaluzza-Klein Multi-Black Holes in Five-Dimensional Einstein-Maxwell Theory  
Classical and Quantum Gravity 23 卷 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 卷 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 卷 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 卷 10 号 pp.104037-1~104037-9, 2007 年 11 月 21 日.
- [7] Toshiharu Nakagawa, Hideki Ishihara, Ken Matsuno, Shinya Tomizawa,  
Charged rotating Kaluzza-Klein black holes in five dimensions  
Physical Review D 77 卷 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 卷 9 号 pp.095017-1~095017-16, 2008 年 4 月 22 日.
- [9] Ken Matsuno, Hideki Ishihara, Toshiharu Nakagawa, Shinya Tomizawa,  
Rotating Kaluzza-Klein multi-black holes with Gödel parameter  
Physical Review D 78 卷 6 号 pp.064016-1~064016-10, 2008 年 9 月 5 日.
- [10] Shinya Tomizawa, Hideki Ishihara, Ken Matsuno, Toshiharu Nakagawa,  
Kaluzza-Klein-Kerr-Gödel Black Holes -Kaluzza-Klein Black Holes with Rotations of Black  
Hole and Universe-

- [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, K. 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 ion-acoustic solitons in plasma in a magnetic field  
Physical Review D ~投稿予定, 2020 年.
- [25] Youhei Masada, Hideki Ishihara, Ken Matsuno, Masaaki Takahashi,  
Ion-acoustic solitons and shocks in plasma -Fully nonlinear approach-  
Physical Review D ~投稿予定, 2020 年.
- [26] Ken Matsuno, Hideki Ishihara, Youhei Masada, Masaaki Takahashi,  
Stationary flows and plasma oscillations around black holes in two-component plasma  
Physical Review D ~投稿予定, 2020 年.
- [27] Ken Matsuno,  
Weak gravitational lensing in a plasma medium in squashed Kaluza-Klein black hole  
spacetime  
Physical Review D ~投稿予定, 2020 年.
- [28] Ken Matsuno,  
Effect of generalized uncertainty principle on Hawking radiation from Kaluza-Klein Gödel  
black hole  
Physical Review D ~投稿予定, 2020 年.