

# 論文リスト

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## 1 研究論文(英文)

これまでに、次に挙げる論文を査読を経て発表してきました。

1. 鈴木良拓, 木下俊一郎, 白水徹也, “Caged black hole with Maxwell charge”, *Physical Review D (American Physical Society)* **86** (2012) 044018 [arXiv:1205.4596 [hep-th]]
2. 田辺健太郎, 白水徹也, 木下俊一郎, “Angular momentum at null infinity in higher dimensions”, *Physical Review D (American Physical Society)* **85** (2012) 124058 [arXiv:1203.0452 [gr-qc]]
3. 田辺健太郎, 白水徹也, 木下俊一郎, “Late-time symmetry near black hole horizons”, *Physical Review D (American Physical Society)* **85** (2012) 024048 [arXiv:1112.0408 [gr-qc]]
4. 木下俊一郎, 棚橋典大, “Hawking temperature for near-equilibrium black holes”, *Physical Review D (American Physical Society)* **85** (2012) 024050 [arXiv:1111.2684 [hep-th]]
5. 田辺健太郎, 木下俊一郎, 白水徹也, “Asymptotic flatness at null infinity in arbitrary dimensions”, *Physical Review D (American Physical Society)* **84** (2011) 044055 [arXiv:1104.0303 [gr-qc]]
6. 村田佳樹, 木下俊一郎, 棚橋典大, “Non-equilibrium condensation process in a holographic superconductor”, *Journal of High Energy Physics* **1007** (2010) 050 [arXiv:1005.0633 [hep-th]]
7. 木下俊一郎, 向山信治, “Thermodynamic and dynamical stability of Freund–Rubin compactification”, *Journal of Cosmology and Astroparticle Physics (Institute of Physics)* **0906** (2009) 020 [arXiv:0903.4782 [hep-th]]
8. 木下俊一郎, 向山信治, 中村真, 尾田欣也, “Consistent Anti-de Sitter–Space/Conformal–Field–Theory Dual for a Time-Dependent Finite Temperature System”, *Physical Review Letter (American Physical Society)* **102** (2009) 031601 [arXiv:0901.4834 [hep-th]]
9. 木下俊一郎, 向山信治, 中村真, 尾田欣也, “A Holographic Dual of Bjorken Flow”, *Progress of Theoretical Physics (Physical Society of Japan)* **121** (2009) 121–164 [arXiv:0807.3797 [hep-th]]
10. 小林洸, 向山信治, 木下俊一郎, “Constraints on Wrapped DBI Inflation in a Warped Throat”, *Journal of Cosmology and Astroparticle Physics (Institute of Physics)* **0801** (2008) 028 [arXiv:0708.4285 [hep-th]]
11. 木下俊一郎, “New branch of Kaluza–Klein compactification”, *Physical Review D (American Physical Society)* **76** (2007) 124003 [arXiv:0710.0707 [hep-th]]
12. 木下俊一郎, 仙洞田雄一, 向山信治, “Instability of de Sitter brane and horizon entropy in a 6D braneworld”, *Journal of Cosmology and Astroparticle Physics (Institute of Physics)* **0705** (2007) 018 [hep-th/0703271]

13. 仙洞田雄一, 木下俊一郎, 向山信治, “A doubly covariant formula of deficit angle and its application to six-dimensional braneworld”, *Classical and Quantum Gravity* (Institute of Physics) **23** (2006) 7199 [hep-th/0607189]
14. 吉口寛之, 向山信治, 仙洞田雄一, 木下俊一郎, “Dynamical Stability of Six-dimensional Warped Flux Compactification”, *Journal of Cosmology and Astroparticle Physics* (Institute of Physics) **0603** (2006) 018 [hep-th/0512212]
15. 向山信治, 仙洞田雄一, 吉口寛之, 木下俊一郎, “Warped Flux Compactification and Brane Gravity”, *Journal of Cosmology and Astroparticle Physics* (Institute of Physics) **0507** (2005) 013 [hep-th/0506050]
16. 木下俊一郎, 工藤秀明, 仙洞田雄一, 佐藤勝彦, “Quadrupole formula for Kaluza-Klein modes in the braneworld”, *Classical and Quantum Gravity* (Institute of Physics) **22** (2005) 3911 [gr-qc/0505011]
17. 木下俊一郎, 仙洞田雄一, 高橋慶太郎, “Acoustic causality in relativistic shells and its implication for gamma-ray bursts”, *Physical Review D* (American Physical Society) **70** (2004) 123006 [astro-ph/0405149]

以上