

Publication List

Takahisa IGATA

- [1] T. Igata, H. Ishihara and Y. Takamori, “Stable Bound Orbits of massless particles in Singly Rotating Black Ring Spacetimes,” (to be prepared)
- [2] T. Igata, H. Ishihara and K. Nishiwaki, “Stationary Closed Strings in Five-dimensional Flat Spacetime,” *Phys. Rev. D* **86**, 104020 (2012).
- [3] T. Igata, T. Harada and M. Kimura, “Effect of a Weak Electromagnetic Field on Particle Acceleration by a Rotating Black Hole,” *Phys. Rev. D* **85**, 104028 (2012).
- [4] T. Igata, H. Ishihara and Y. Takamori, “Chaos in Geodesic Motion around a Black Ring,” *Phys. Rev. D* **83**, 047501 (2011).
- [5] T. Igata, H. Ishihara and Y. Takamori, “Stable Bound Orbits around Black Rings,” *Phys. Rev. D* **82**, 101501 (2010).
- [6] T. Igata, T. Koike and H. Ishihara, “Constants of Motion for Constrained Hamiltonian Systems: A Particle around a Charged Rotating Black Hole,” *Phys. Rev. D* **83**, 065027 (2011).
- [7] T. Igata and H. Ishihara, “Dynamics of Toroidal Spiral Strings around Five-dimensional Black Holes,” *Phys. Rev. D* **81**, 044024 (2010).
- [8] T. Igata and H. Ishihara, “Toroidal Spiral Nambu-Goto Strings around Higher-Dimensional Black Holes,” *Phys. Rev. D* **82**, 044014 (2010).