

2016 年 12 月 20 日

論 文 リ ス ト

1. 学術論文

- [1] “Baryon Configurations in the UV and IR Regions of Type 0 String Theory”
Shigenori Seki
Physics Letters B462 (1999) 277-284, [hep-th/9906210](#)
- [2] “Gravitational Stability and Extra Timelike Dimensions”
Satoshi Matsuda and Shigenori Seki
Physical Review D63 (2001) 065014; Erratum-ibid. D63 (2001) 129901, [hep-ph/0007290](#)
- [3] “Gravitational Stability and Screening Effect from D Extra Timelike Dimensions”
Satoshi Matsuda and Shigenori Seki
Nuclear Physics B599 (2001) 119-136, [hep-th/0008216](#)
- [4] “Discrete Torsion and Branes in M-theory from Mathematical Viewpoint”
Shigenori Seki
Nuclear Physics B606 (2001) 689-698, [hep-th/0103117](#)
- [5] “D5-brane in Anti-de Sitter Space and Penrose Limit”
Shigenori Seki
Physics Letters B542 (2002) 165-170, [hep-th/0205266](#)
- [6] “Comments on Quiver Gauge Theories and Matrix Models”
Shigenori Seki
Nuclear Physics B661 (2003) 257-272, [hep-th/0212079](#)
- [7] “Proposal for Generic Size of Large Extra Dimensions”
Satoshi Matsuda and Shigenori Seki
[hep-ph/0307361](#)
- [8] “Cosmological Constant Probing Shape Moduli through Large Extra Dimensions”
Satoshi Matsuda and Shigenori Seki
International Journal of Modern Physics A21 (2006) 3095-3110, [hep-th/0404121](#)
- [9] “Gauged Linear Sigma Model on Supermanifold”
Shigenori Seki and Katsuyuki Sugiyama
[hep-th/0503074](#)
- [10] “Comments on the D-instanton Calculus in $(p, p+1)$ Minimal String Theory”
Masafumi Fukuma, Hirotaka Irie and Shigenori Seki
Nuclear Physics B728 (2005) 67-82, [hep-th/0505253](#)
- [11] “Superconformal Symmetry in Linear Sigma Model on Supermanifolds”
Shigenori Seki, Katsuyuki Sugiyama and Tatsuya Tokunaga
Nuclear Physics B753 (2006) 295-312, [hep-th/0605021](#)

- [12] “Quark Mass and Condensate in HQCD”
Oren Bergman, Shigenori Seki and Jacob Sonnenschein
Journal of High Energy Physics 0712 (2007) 037, [arXiv:0708.2839 \[hep-th\]](#)
- [13] “Comments on Baryons in Holographic QCD”
Shigenori Seki and Jacob Sonnenschein
Journal of High Energy Physics 0901 (2009) 053, [arXiv:0810.1633 \[hep-th\]](#)
- [14] “Intersecting D4-branes Model of Holographic QCD and Tachyon Condensation”
Shigenori Seki
Journal of High Energy Physics 1007 (2010) 091, [arXiv:1003.2971 \[hep-th\]](#)
- [15] “Eikonal Approach to $\mathcal{N} = 4$ SYM Regge Amplitudes in the AdS/CFT Correspondence”
Matteo Giordano, Robi Peschanski and Shigenori Seki
Acta Physica Polonica B43 (2012) 1289-1332, [arXiv:1110.3680 \[hep-th\]](#)
- [16] “Chiral Condensate in Holographic QCD with Baryon Density”
Shigenori Seki and Sang-Jin Sin
Journal of High Energy Physics 1208 (2012) 009, [arXiv:1206.5897 \[hep-th\]](#)
- [17] “A New Model of Holographic QCD and Chiral Condensate in Dense Matter”
Shigenori Seki and Sang-Jin Sin
Journal of High Energy Physics 1310 (2013) 223, [arXiv:1304.7097 \[hep-th\]](#)
- [18] “EPR = ER, Scattering Amplitude and Entanglement Entropy Change”
Shigenori Seki and Sang-Jin Sin
Physics Letters B735 (2014) 272-276, [arXiv:1404.0794 \[hep-th\]](#)
- [19] “Variation of Entanglement Entropy in Scattering Process”
I.Y. Park, Shigenori Seki and Sang-Jin Sin
Physics Letters B743 (2015) 147-153, [arXiv:1412.7894 \[hep-th\]](#)
- [20] “Entanglement Entropy of Scattering Particles”
Robi Peschanski and Shigenori Seki
Physics Letters B758 (2016) 89-92, [arXiv:1602.00720 \[hep-th\]](#)

2. Proceedings

- “Gravitational Stability and Extra Timelike Dimensions”
関 穓慶
素粒子論研究 2002 年 1 月 104 卷 4 号 D68
- “Discrete Torsion and Branes in M-theory”
関 穓慶
素粒子論研究 2002 年 2 月 104 卷 5 号 E25
- “D5-brane in Anti-de Sitter Space and Penrose Limit”
関 穓慶
素粒子論研究 2002 年 12 月 106 卷 3 号 C59

- “Comments on quiver gauge theories and matrix models”

関 穣慶

素粒子論研究 2003 年 12 月 108 卷 3 号 C11

- “Gauged Linear Sigma Model on Supermanifold”

関 穣慶

素粒子論研究 2006 年 1 月 112 卷 4 号 D34

- “Chiral Condensate in Dense Baryons”

Shigenori Seki

International Journal of Modern Physics: Conference Series 21 (2013) 126

3. 学位論文

- “Complex Manifolds and F-theory”

Shigenori Seki

京都大学修士 (人間・環境学), 1999 年 3 月

- “Discrete Torsion and Branes in M-theory and their Mathematical Aspects”

Shigenori Seki

京都大学博士 (人間・環境学), 2002 年 3 月

4. その他

- Bois-Marie - la lettre d'information annuelle de l'IHÉS, Septembre 2015, p. 16,
<http://www.ihes.fr/~landais/BM11.pdf#>