論文リスト

A. 論文・Proceedings (査読有り)

1. 論文１ K. Kikuchi “Restoration of Lorentz Symmetry for Lifshitz-Type Scalar Theory”, Prog. Theor. Phys. , 理論物理学刊行会, Vol. 127, No. 3, pp. 409-431, (2012). (査読有り) arXiv:1111.6075
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2. 論文２ K. Kikuchi, T. Onogi “Generalization of Gradient Flow Equation and Its Application to Super Yang-Mills Theory” J-HEP11(2014)094 (査読有り) arXiv:1408.2185
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3. 論文３ S. Aoki, K. Kikuchi, T. Onogi “Gradient flow of O(N) nonlinear sigma model at large N” J-HEP04(2015)156 (査読有り) arXiv:1412.8249
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5. 論文5 S. Aoki, K. Kikuchi, T. Onogi “Flow Equation of N=1 Supersymmetric O(N) Nonlinear Sigma Model in Two Dimensions”J-HEP02(2018)128 (査読有り) arXiv:1704.03717
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6. 論文6 D. Kadoh, K. Kikuchi, N. Ukita “Supersymmetric gradient flow in Wess-Zumino Moldel” Phys. Rev. D100 no.1, (2019) 014501 (査読有り) arXiv:1904.06582
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7. 論文7 Y. Hamada, K. Kikuchi, “Obtaining the sphaleron field configurations with gradient flow” Phys. Rev. D 101 no.9, (2020) 096014 (査読有り) arXiv:2003.02070
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8. 論文8 D. Kadoh, K. Kikuchi, N. Ukita, “Perturbative analysis of the Wess-Zumino flow” Phys. Rev. D 107 (2023) 12, 125015 (査読有り) arXiv:2302.06955
   https://journals.aps.org/prd/abstract/10.1103/PhysRevD.107.125015
9. 論文9 K.Kikuchi, K.Nishiwaki, K.Oda, “Gradient-flowed order parameter for spontaneous gauge symmetry breaking” Eur.Phys.J.C 83 (2023) 6, 462 (査読有り) arXiv:2303.10841
   https://link.springer.com/article/10.1140/epjc/s10052-023-11553-4
10. S. Aoki, K. Kikuchi, T. Onogi “Generalized Gradient Flow Equation and Its Applications” Proceedings of The 33rd International Symposium on Lattice Field Theory 14-18 July 2015 Kobe International Conference Center, Kobe, Japan, PoS(LATTICE 2015)305 (査読有り) arXiv:1511.06561
11. S. Aoki, K. Kikuchi, T. Onogi “Encoding Field Theory into gravities” Proceedings of The 33rd International Symposium on Lattice Field Theory 14-18 July 2015

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B. 論文・Proceedings (査読無し)

1. 菊地健吾 “厳密繰り込み群によるリフシッツ型理論の解析(研究会「場の理論と弦理論」2011年7月 Proceedings)”, 素粒子論研究 · 電子版, 素粒子論グループ Vol. 12, No. 3, (2012). (査読無し)
2. 菊地健吾 “Restoration of Lorentz Symmetry for z=2, d=3+1 Lifshitz-Type Scalar Model(研究会「場の理論と弦理論」2012 年 7 月 Proceedings)”, 素粒子論研究 · 電子版, 素粒子論グループ, Vol. 13, No. 2, (2012). (査読無し)
3. 菊地健吾 “グラディエントフロー方程式とその拡張(「第 7 回日大理工・益川塾連携素粒子物理学シンポジウム」2017 年 11 月 Proceedings)”素粒子論研究 · 電子版, 素粒子論グループ Vol. 28, No. 1, (2018) . (査読無し)

C. 学位論文

博士(理学) 大阪大学大学院 2014 年 6 月
題目「New Directions in Exact Renormalization Group: Lifshitz-Type Theory, Gradient Flow Equation and Its Supersymmetric Extension」