Jan. 14, 2021

Akihito Yoneyama (米山 瑛仁)

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Education

- Apr. 2020 -
  Doctoral Course
  Institute of Physics, Graduate School of Arts and Sciences, the University of Tokyo
  Supervisor: Prof. Atsuo Kuniba
- Apr. 2018 - Mar. 2020
  Master Course
  Institute of Physics, Graduate School of Arts and Sciences, the University of Tokyo
  Supervisor: Prof. Atsuo Kuniba
- Apr. 2014 - Mar. 2018
  Department of Physics, the University of Tokyo

Work Experience

- Oct. 2020 -
  Research Internship (part-time)
  GCI Asset Management Kyoto Lab, Kyoto, Japan
- Aug. 2019 - Sep. 2019
  Research Internship (full-time)
  Preferred Networks, Inc., Tokyo, Japan

Academic Work Experience

- Sep. 2020 - Jan. 2021
  Teaching assistant for the course *Electromagnetics B*
  The University of Tokyo, Tokyo, Japan

Award

- Mar. 2020
  Encouragement Award, Graduate School of Arts and Sciences, the University of Tokyo

Paper

3. A.Yoneyama, "Tetrahedron and 3D reflection equation from PBW bases of the nilpotent subalgebra of quantum superalgebras", arXiv:2012.13385
2. A.Kuniba, M.Okado and A.Yoneyama, "Reflection K matrices associated with an Onsager coideal of $U_p(A^{(1)}_{n-1}), U_p(B^{(1)}_n), U_p(D^{(1)}_n)$ and $U_p(D^{(2)}_{n+1})$", J. Phys. A: Math. Theor. **52** 375202 27pages (2019), arXiv:1904.05653
1. A.Kuniba, M.Okado and A.Yoneyama, "Matrix product solution to the reflection equation associated with a coideal subalgebra of $U_q(A^{(1)}_{n-1})$", Lett. Math. Phys. **109** 2049-2067 (2019), arXiv:1812.03767

Oral Presentation at International Conference

1. Mar. 5-7, 2019 @ the University of Tokyo (Invited)
   "Matrix product solution to the reflection equation associated with a coideal subalgebra of $U_q(A^{(1)}_{n-1})$", Infinite Analysis 19 Quantum Symmetries and Integrable Systems

Invited Seminar

2. Jan. 14, 2021 @ the University of Tokyo (Host: Ralph Willox)
   "Tetrahedron and 3D reflection equation from PBW bases of the nilpotent subalgebra of quantum superalgebras", Discrete mathematical modelling seminar
1. Apr. 10, 2019 @ Rikkyo University (Host: Jimbo Michio)
   "Review about tetrahedron equation and technical details about [KOY18]"

Skill

Mathematica, Python, C/C++