

Apr. 1, 2020

## Akihito Yoneyama (米山 瑛仁)

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### Education

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- Apr. 2020 - Now  
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

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- Aug. 2019 - Sep. 2019  
Research Internship at Preferred Networks, Inc.

### Papers

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2. A.Kuniba, M.Okado and A.Yoneyama, "Reflection  $K$  matrices associated with an Onsager coideal of  $U_p(A_{n-1}^{(1)}), U_p(B_n^{(1)}), U_p(D_n^{(1)})$  and  $U_p(D_{n+1}^{(2)})$ ", 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  $U_q(A_{n-1}^{(1)})$ ", Lett. Math. Phys. **109** 2049-2067 (2019), arXiv:1812.03767

### Oral Presentation in International Conference

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

## Invited Seminar

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1. Apr. 10, 2019 @ Rikkyo University (Host: Jimbo Michio)

A.Yoneyama, “Review about tetrahedron equation and Technical details about [KOY18]”.

## Skills

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Mathematica, C/C++, Python