

## **Solutions of tetrahedron and 3D reflection equations from quantum cluster algebras.**

Tetrahedron and 3D equations are three-dimensional generalizations of the Yang-Baxter and the reflection equations. I will explain how quantum cluster algebras lead to solutions that generalize and unify many known solutions.

Joint work with Rei Inoue, Xiaoyue Sun, Yuji Terashima and Junya Yagi.

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