

Group Seminar
Symbolic Computation

Factorization of special motion polynomials & Flexible polyhedra

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Abstract

In this talk, I will recall some basic ideas of the factorization of motion polynomials, e.g., $n!$ factorizations, Bennettflip. As an application, we can use the factorization of some special motion polynomials to construct flexible polyhedra, e.g., Bricard octahedron III, Decahedron, Dodecahedron, ...