

# On string polytopes I

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This is the first of series talks about string polytopes. String polytope is a rational convex polytope which parametrizes the dual canonical bases and also arises as a Newton-Okounkov body of a flag variety. String polytope plays an important role in understanding mirror symmetry of a flag variety.

In this talk, I will explain basic materials for understanding mirror symmetry picture (in the sense of Strominger-Yau-Zaslow)

and give a brief introduction to string polytopes that will be crucially used in the second talk given by Eunjeong.