Quantum cohomology of Lagrangian and orthogonal Grassmannians

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Abstract

We describe the multiplicative structure of the (small) quantum cohomology ring of the Grassmannians parametrizing maximal isotropic subspaces of a vector space equipped with an orthogonal or symplectic form. No prior knowledge of quantum cohomology or isotropic Grassmannians will be assumed. This is joint work with Andrew Kresch.