

Colloquium

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OPERATORS IN ENUMERATIVE GEOMETRY

Friday, November 18, 2022

3:00 p.m. in BB-B012

(tea & coffee at 2:45 p.m.)

ABSTRACT. In this talk I will focus on various operators in enumerative geometry. I will start with a classical enumerative geometry question, which lead to the subject of Schubert calculus. The combinatorics of the symmetric group will play a key role. I will also talk about the Demazure Lusztig operators in elliptic cohomology. They are defined using the theta functions on elliptic curves.