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# SEMINÁRIO DE GEOMETRIA

Dia 19 de maio (sexta-feira), às 15h00, sala 6.2.50

## Compactification of Character Varieties

**Sean Lawton**

(George Mason University - U.S.A.)

**Abstract:** In this talk we will first discuss a general procedure for compactifying  $G$ -character varieties of discrete groups, where  $G$  is a semisimple algebraic group of adjoint type over an algebraically closed field. We will then discuss various properties of this compactification in special cases of the discrete group. This work is in collaboration with Dan Ramras and Indranil Biswas.

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