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The motive of BG .

Given an algebraic stack stratified by quotient stacks one can define a class in the dimensional completion of the K-ring of varieties. Let G be a linear algebraic group. One can ask if it is the case that the class of G is the inverse of the class of BG in this ring. In this talk we will discuss some results by Bergh, Pirsi, Scavia, Talpo, Vistoli and Young pertaining to this question.