

1011-55-213

Daniel C Isaksen* (isaksen@math.wayne.edu), Department of Mathematics, Wayne State University, Detroit, MI 48103. *Etale BP, with applications to quadratic forms*. Preliminary report.

I will define and prove some basic properties of the etale BP -theory of a scheme. The definition is analogous to etale K -theory. Calculating the etale BP -theory of a particular quasi-projective scheme says something interesting about quadratic forms over fields of positive characteristic. (Received August 27, 2005)