1012-55-152   **Daniel C Isaksen*** (`isaksen@math.wayne.edu`), Department of Mathematics, Wayne State University, Detroit, MI 48202. *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 September 19, 2005)