

1147-11-49

**Eric Brussel\***, California Polytechnic State University, 1 Grand Avenue, San Luis Obispo, CA 93407. *Brauer dimension versus cyclic length*. Preliminary report.

A field has *Brauer dimension one* if the field's Brauer group is nonzero, and satisfies exponent equals index. We give an example of a noncyclic division algebra over a field of Brauer dimension one. (Received November 14, 2018)