

1108-16-542

Benjamin Antieau and **Kenneth Chan*** (kenhchan@math.washington.edu). *Maximal orders in unramified central simple algebras.*

Using depth of coherent sheaves on noetherian algebraic stacks, we construct non-Azumaya maximal orders in unramified central simple algebras over schemes of dimension at least 3. (Received January 20, 2015)