

1014-17-1512 **Karen Batt Stanish*** (kstanish@keene.edu), Keene State College, Mathematics Department,
229 Main St., Keene, NH 03435-2010. *A Radical Structure for Some Rings with Partial Identities.*

A partial identity in a nonassociative ring is an identity that holds for some set of elements in the ring but not necessarily for the entire ring. One example of such a ring is a ring that parameterizes a group of Steinberg type. This talk will outline the beginning of a structure theory for these rings. Using properties that can be deduced from rings that parameterize groups of Steinberg type, we will define some rings with partial identities and show that these rings have a radical structure. (Received September 28, 2005)