Semifields Antiisomorphic To Themselves
G. P. Wene
Department of Mathematics
The University of Texas at San Antonio
One UTSA Circle
San Antonio, Texas 78249-0624
greg.wene@utsa.edu

D. E. Knuth, D. E., *Finite semifields and projective planes*, J. Algebra **2** (1965), 182-217, pointed out that his system V is antiisomorphic to itself. Trivially any commutative semifield shares this property as does the unique non-primitive non-commutative semifield of order 64. We construct a large collection of semifields for all prime characteristics, quadratic over a weak nucleus, that are antiisomorphic to themselves.