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Gregory P. Wene* (gpwene2011@hotmail.com), The University of Texas at San Antonio,
Department of Mathematics, One UTSA Circle, San Antonio, TX 78249-0624. *Lie-admissible
Semifields.*

The superabundance and great variance of finite semifields has generated the need for an effective classification scheme. The concept of isotopic has proven to be too coarse and that of isomorphic too fine. The many references to semifields that appear in the literature refer to a specific construction: a Dickson commutative semifield, a Hughes-Kleinfeld semifield, a Kantor semifield, etc. We explore the effectiveness of the concepts Lie-admissible and solvable. (Received February 08, 2014)