

SPECIAL ELEMENTS IN BIGROUPS

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Here in this dissertation a study of special elements in bigroups is carried out. The concept of Smarandache bigroups (S-bigroups) is analyzed. Notions like S-hyper sub bigroups, S-special Cauchy elements of a bigroup, S-non Lagrange bigroup and S-symmetric bigroup are analyzed. The study of S-Cayleys theorem for S-bigroups is an interesting feature about S-bigroups.

This dissertation has three chapters. Chapter one is introductory in nature. In chapter two S-bigroups and their properties are studied. Chapter three analyses special elements in bigroups.