ON SEMIPRIME SUBSEMIMODULES
AND RELATED RESULTS

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Abstract. In this paper we introduce the notions of semiprime subsemimodules and semiprime k-subsemimodules and present some characterizations about them. Special attention has been paid, when semimodules are multiplication, to find extra properties of these semimodules. Moreover we prove a result for semiprime subsemimodules of quotient semimodules.

Key words: Semiprime subsemimodule, Strong semiprime k-subsemimodule, S-semiring, S-semimodule.