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Recursively differentiable quasigroups and complete recursive codes

Comment.Math.Univ.Carolinae 45,2 (2004) 257-263.

Abstract: Criteria of recursive differentiability of quasigroups are given. Complete recursive codes which attains the Joshibound are constructed using recursively differentiable k -ary quasigroups.

Keywords: k -recursive code, strong orthogonal system of quasigroups, recursively differentiable quasigroups.

AMS Subject Classification: 11T71