

عنوان مقاله:

On systems, maximal Γ -hyperideals and complete prime Γ -radicals in Γ -semihypergroups

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خلاصه مقاله:

In this paper c-system, n-system and complete prime Γ -radical in a Γ -semihypergroup are introduced and studied while definition of m-system has been revised. Maximal Γ -hyperideals are studied and the conditions under which maximal Γ -hyperideals are prime and vice versa are investigated. It is proved that intersection of distinct maximal Γ -hyperideals in Γ -semihypergroup is non-empty. Relations between completely prime Γ -hyperideals, c-system and complete prime Γ -radicals are examined.

کلمات کلیدی:

Systems, Γ -semihypergroup, Γ -hyperideal, Γ -radical

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