Operators and Matrices
Volume 19, Number 4 (2025), 441–455
doi:10.7153/oam-2025-19-28

DYNAMICS OF WEIGHTED TRANSLATION OPERATORS ON HYPERGROUPS

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Abstract. In this paper, we give necessary and sufficient conditions for weighted translation operators on hypergroups to be topologically multiply recurrent, disjoint topologically transitive and simultaneously transitive. In particular, disjoint topological transitivity and simultaneous transitivity are equivalent in our case.

Mathematics subject classification (2020): 47A16, 20N20.
Keywords and phrases: Topologically multiple recurrence, disjoint topological transitivity, simultaneous transitivity, hypergroup, weighted translation operator.

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Paper OaM-19-28

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