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Some Algebraic Structures of the Riordan Group

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In this poster we highlight some of the algebraic properties of the Riordan group. We present a new property for generating stochastic Riordan matrices which are elements of the stochastic Riordan subgroup. Some Riordan group isomorphisms are also presented. We conclude by proving some properties connecting similar Riordan matrices and pseudo-involutions in the Riordan group.