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Identities and the group of isostrophisms

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Abstract: In this paper we reexamine the concept of isostrophy. We connect it to the notion of term equivalence, and describe the action of dihedral groups that are associated with loops by means of isostrophy. We also use it to prove and present in a new way some well known facts on m -inverse loops and middle Bol loops.

Keywords: isostrophe, isostrophism, paratope, paratopism, middle Bol

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