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Title: On conjugation in some transformation and Brauer-type semigroups

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We give, in terms of (generalized) cyclic types, a criterion for two elements of \mathcal{T}_n , \mathcal{PT}_n , $\mathcal{IS}(\mathbb{N})$, \mathfrak{B}_n , \mathcal{PB}_n and \mathfrak{C}_n to be conjugate with respect to the conjugation defined as the transitive closure of the $xy \sim yx$ relation.

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