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Skew Pairs of Idempotents in Transformation Semigroups

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Abstract An ordered pair (e, f) of idempotents of a regular semigroup is called a skew pair if ef is not idempotent whereas fe is idempotent. We have shown previously that there are four distinct types of skew pairs of idempotents. Here we investigate the ubiquity of such skew pairs in full transformation semigroups.

Key words [full transformation semigroups](#) [idempotents](#) [skew pairs](#)

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