

# Generalized inverses and clean decompositions

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**Abstract:** In this talk, we will give the relations between Drazin inverses (group inverses) with clean decompositions. Furthermore, we get the relations between Moore-Penrose inverses (core inverses, dual core inverses, pseudo core inverses) with  $*$ -clean decompositions. The expressions of these generalized inverses by using the clean ( $*$ -clean) decompositions are given.