

# Laplace Type Transforms of Functions Involving Generalized Bessel Matrix Polynomials

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## Abstract

In the present work, we evaluate the Laplace transforms and inverse Laplace transforms of functions involving the generalized and reverse generalized Bessel matrix polynomials, which yield a number of potentially useful (known or new) integral transforms as special cases. Furthermore, pertinent relations of the different results given here with those involving simpler and earlier ones are also considered.

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