

## LAPLACE TRANSFORM OF POWER SERIES

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### ABSTRACT

The authors establish a set of presumably new results, which provide Laplace transform of power series. So in this paper the author try to evaluate Laplace transform of some challenging functions by expressing them as a sum of infinitely terms. Hence, the method is useful to and the Laplace transform of functions that do not have elementary Laplace transformations.

**KEYWORDS:** Laplace Transforms, Power Series