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Author(s): Mamta Dassani, Mukesh Kushwaha

Title of the Article: Some Generalized Results to unify Classical Polynomials

Abstract: Present work of this paper deals with the unification of classical polynomials in which we have defined a generalized polynomial set analogous to that of associated Legendre polynomial by taking the use of Operator. Also we have derived explicit form, Operational Formulae generating functions for this function.

Keywords: Classical Polynomials, Legendre Polynomials, Rodrigue's Formula, Generating Functions.

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