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Chen, William Y.C.; Louck, James D.

The factorial Schur function. (English)

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By applying divided difference to Biedenharn-Louck's inhomogeneous symmetric functions (factorial Schur functions) the authors lead to new relations and simplified proofs of their properties. A second class of symmetric functions depending on an arbitrary parameter has been developed which may prove to be useful to the study of generalized hypergeometric functions and series.

R.N.Kalia (St.Cloud)

Keywords : factorial Schur functions; divided difference; symmetric functions

Classification :

*05E05 Symmetric functions

33D80 Connections with groups, algebras and related topics

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