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Interpolation for symmetric functions. (English)

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This paper contains two main results. First the paper establishes an interpolation formula for a symmetric function in k variables which reduces to the classical Lagrange interpolation formula if $k = 1$. Second the authors provide a simple derivation of an identity of *R. A. Gustafson* and *S. C. Milne* [Adv. Math. 48, 177-188 (1983; [Zbl 0516.33015](#))] on Schur symmetric functions.

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Keywords : symmetric function; Lagrange interpolation; Schur symmetric functions

Classification :

*[05E05](#) Symmetric functions

[41A05](#) Interpolation

[65T50](#) Discrete and fast Fourier transforms

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