

Zudilin, Wadim**Hypergeometric heritage of W. N. Bailey.** (English) Zbl 1426.33001

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Summary: We review some of W. N. Bailey's work on hypergeometric functions that found solid applications in number theory. The text is complemented by Bailey's letters to Freeman Dyson from the 1940s.

MSC:**33-03** History of special functions**33Cxx** Hypergeometric functions**33Dxx** Basic hypergeometric functions**11Jxx** Diophantine approximation, transcendental number theory**11Mxx** Zeta and L -functions: analytic theory**Full Text:** [DOI](#) [arXiv](#)