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Weber-Schafheitlin-type integrals with exponent 1. (English) Zbl 1163.33313
Integral Transforms Spec. Funct. 20, No. 2, 147-153 (2009).

Authors' abstract: Explicit formulae for Weber-Schafheitlin-type integrals with exponent 1 are derived. The results of these integrals are distributions on \mathbb{R}_+ .

Reviewer: Juri M. Rappoport (Moskva)

MSC:

33C55 Spherical harmonics
33D15 Basic hypergeometric functions in one variable, ${}_r\phi_s$

Cited in **5** Documents

Keywords:

Weber-Schafheitlin integrals; Bessel functions; hypergeometric function

Full Text: [DOI](#) [arXiv](#)

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