

Zudilin, Wadim

Some hypergeometric integrals for linear forms in zeta values. (English) Zbl 1441.11210
Bull. Aust. Math. Soc. 98, No. 3, 372-375 (2018).

Summary: We prove new integral representations of the approximation forms in zeta values.

MSC:

11M06 $\zeta(s)$ and $L(s, \chi)$

11J72 Irrationality; linear independence over a field

33C20 Generalized hypergeometric series, ${}_pF_q$

Keywords:

[Hurwitz zeta function](#); [hypergeometric integrals](#); [integral representation](#)

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

References:

[1] Fischler, S.; Sprang, J.; Zudilin, W.

[2] Zudilin, W., One of the odd zeta values from $\mathbb{X}(5)$ to $\mathbb{X}(25)$ is irrational. By elementary means, SIGMA, 14, (2018) · [Zbl 1445.11063](#)

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