

Constant that improve (double) factorial

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ABSTRACT.

The purpose of this paper is to discuss and refine some recent results of Bauer [Remark on Stirling's formula and on approximations for the double factorial, *Mathematical Intelligencer*, 29, (2007),10-14] and Brede [On the convergence of the sequence defining Euler's number *Mathematical Intelligencer*, 27, (2005), 6-7].

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