# Bounds for double zeta-functions 

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#### Abstract

In this paper we shall derive the order of magnitude for the double zeta-function of Euler-Zagier type in the region $0 \leq \mathfrak{R} s_{j}<1 \quad(j=1,2)$. First we prepare the Euler-Maclaurin summation formula in a suitable form for our purpose, and then we apply the theory of double exponential sums of van der Corput's type.


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