

# Elliptic interpolation functions and their applications to $q$ - and elliptic Selberg integrals

by

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We introduce certain Lagrange interpolation functions on a class of elliptic theta functions in many variables. After describing fundamental properties of these functions, we explain how one can apply these functions to the connection problem of  $q$ -Selberg integrals and the evaluation of elliptic Selberg integrals.

Joint work with Masahiko ITO