

**HYPERGEOMETRIC FOURIER TRANSFORM  
ASSOCIATED WITH A ROOT SYSTEM OF TYPE BC**

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ABSTRACT

We give the inversion formula and the Plancherel formula for the hypergeometric Fourier transform associated with a root system of type BC, when the multiplicity parameters are not necessarily non-negative. This talk is based on a joint work with Tatsuo Honda and Hiroshi Oda (arXiv 2007.08281). This talk is based on joint work with Hiroshi Oda.

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