



**AFFINE WEYL GROUP INVARIANT FOURIER
POLYNOMIALS OF RANKS 4 AND 5**

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Received May 31, 2014

Abstract

We calculate the affine Weyl group invariant Fourier polynomials of ranks 4 and 5 according to the method of [B. Dubrovin and Y. Zhang, Extended affine Weyl groups and Frobenius manifolds, *Compositio Math.* 111(2) (1998), 167-219]; [N. Bourbaki, *Lie Groups and Lie Algebras*, Chapters 4-6, Springer-Verlag, Berlin, Heidelberg, 2008].

Keywords and phrases: affine Weyl group, Frobenius manifold, Fourier polynomial.

**Pioneer Journal
of Mathematics
and Mathematical
Sciences**



Pioneer Scientific
Publisher