

GELFAND–RAIKOV REPRESENTATIONS OF COXETER GROUPS
ASSOCIATED WITH POSITIVE DEFINITE NORM FUNCTIONS

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Abstract: The main purpose of the paper is to study the type of Gelfand–Raikov representations of Coxeter groups (W, S) for the special positive definite functions coming from the deformed Poisson (Haagerup) positive definite functions $q^{L(w)}$ for some special length (norm) functions L on Coxeter groups W .

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