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Uncertainty principles in root systems

Troels Johansen

Universität Kiel, Germany johansen@math.uni-kiel.de

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We describe uncertainty principles in radially deformed Dunkl analysis and Heckman-Opdam theory. Donoho-Stark and local/global uncertainty principles are obtained by an adaptation of techniques due to Ghobber and Jaming for integral transforms. Inequalities for Shannon entropy with applications to information-theoretical inequalities are obtained as well.