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Hardy and Cowling-Price theorems for a Cherednik type operator on the real line

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Abstract: This paper is aimed to establish Hardy and Cowling-Price type theorems for the Fourier transform tied to a generalized Cherednik operator on the real line.

Keywords: differential-difference operator; generalized Fourier transform; Hardy and Cowling-Price theorems

AMS Subject Classification: 33C45, 43A15, 43A32, 44A15

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