UNCERTAINTY PRINCIPLES IN TERM OF SUPPORTS IN HANKEL WAVELET SETTING

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Abstract. Uncertainty principles in term of supports, namely Amrein-Berthier and Logvinenko-Sereda theorems are proved for the continuous Hankel wavelet transform.


Keywords and phrases: Hankel wavelet transform, uncertainty principle, annihilating set, Amrein-Berthier theorem, Logvinenko-Sereda theorem.

REFERENCES


