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On Heisenberg and Local Uncertainty Principles for the q -Dunkl Transform

Authors: [Ahmed Fitouhi](#), [Ferjani Nouri](#), [Sana Guesmi](#),

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Abstract: In this paper, we provide, for the q -Dunkl transform studied in [2], a Heisenberg uncertainty principle and two local uncertainty principles leading to a new Heisenberg-Weyl type inequality.



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