

TIGHT FRAMELET PACKETS ON LOCAL FIELDS OF POSITIVE CHARACTERISTIC

FIRDOUS A. SHAH AND M. YOUNUS BHAT

Abstract. An important tool for the construction of tight wavelet frames on local fields of positive characteristic with the help of unitary extension principles was presented by Shah and Debnath [Tight wavelet frames on local fields, *Analysis*, **33** (2013), 293–307]. In this paper, we continue the study based on the extension principles and give an explicit construction of a class of tight framelet packets on local fields of positive characteristic.

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