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Abstract

In this paper, two new Legendre Wavelet estimators of a function f of two variable x and y by $(2^k$

-1

, M ; 2

$k'-1$

, M')

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partial sums of their Legendre wavelet series are obtained. These estimators are sharper and better in Wavelet Analysis.

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Index Terms

Computer Science

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Keywords

Legendre wavelets, wavelet expansion, wavelet approximation, mother wavelet