Abstract

In this paper, two new Legendre Wavelet estimators of a function $f$ of two variable $x$ and $y$ by $(2^k-1, M; 2^{k'-1}, M')$th partials sums of their Legendre wavelet series are obtained. These estimators are sharper and better in Wavelet Analysis.

References


Index Terms

Computer Science Applied Mathematics

Keywords

Legendre wavelets, wavelet expansion, wavelet approximation, mother wavelet