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

Legendre Wavelet Expansion of a Function f(x, y) and its Approximation


Index Terms

Computer Science
Applied Mathematics

Keywords

Legendre wavelets, wavelet expansion, wavelet approximation, mother wavelet