Abstract

In this paper, the approximation of asymptotic expansion for the wavelet is obtained and the approximation of asymptotic expansions for generalized Mexican hat wavelet and the wavelet corresponding to m\textsuperscript{th} order cardinal B-spline are obtained. Estimates of present investigations are based on Wong’s method.

References

Approximation of Asymptotic Expansion of Wavelets


Index Terms

Computer Science Information Sciences

Keywords

First Order Cardinal B-spline, Asymptotic Approximation, $m^{th}$ Order Cardinal B-spline, Asymptotic Expansion, Wavelet Transform, Generalized Mexican Hat Wavelet, Mellin Transform