



THE BESSEL-TYPE WAVELET CONVOLUTION PRODUCT

B.B.Waphare
MITACSC, Alandi, Tal. khed. Dist. Pune, Maharashtra
balasahebwapare@gmail.com,

Abstract:

In this paper the convolution product associated with the Bessel-type Wavelet transformation is investigated. Further, certain norm inequalities for the convolution product are established.

Keywords: Bessel-type Wavelet transform; Convolution product; Hankel-type transformation.

Subject Classification: Mathematics Subject Classification: 44A15, 46F



Council for Innovative Research

Peer Review Research Publishing System

Journal: JOURNAL OF ADVANCES IN MATHEMATICS

Vol .9, No.7

www.cirjam.com , editorjam@gmail.com