

Publicationes Mathematicae Debrecen **Year: 2023** **Vol.: 103** **Fasc.: 3-4**

Title: Order of multiple rational Fourier coefficients for functions of generalized Wiener class

Author(s): Hardeepbhai J. Khachar and Rajendra G. Vyas

The order of magnitude of single and multiple rational Fourier coefficients for functions of the generalized Wiener class is estimated. Thus, these results generalize already existing analogous results of Fourier coefficients, where the order of magnitude of single and multiple Fourier coefficients for functions of the same generalized class were estimated.

Address:

Hardeepbhai J. Khachar
Department of Mathematics
Faculty of Science
The Maharaja Sayajirao
University of Baroda
Vadodara - 390 002, Gujarat
India

Address:

Rajendra G. Vyas
Department of Mathematics
Faculty of Science
The Maharaja Sayajirao
University of Baroda
Vadodara - 390 002, Gujarat
India