

**Berisha, Muharrem Q.; Berisha, Faton M.**

**On monotone Fourier coefficients of a function belonging to Nikol'skij-Besov classes.** (English) [Zbl 1013.42002](#)

Math. Montisnigri 10, 5-20 (1999).

The authors give a necessary and sufficient condition for a function  $f \in L^p$  ( $1 < p < \infty$ ) with the Fourier series  $\sum_{n \geq 0} a_n \cos nx$ , ( $a_n \downarrow 0$ ) to be in the Nikol'skij-Besov class in terms of its coefficients.

Reviewer: Milutin Dostanić (Beograd)

**MSC:**

**42A16** Fourier coefficients, Fourier series of functions with special properties, special Fourier series

Cited in **1** Document

**Keywords:**

Nikol'skij-Besov class; Fourier series

**Full Text:** [arXiv](#)