

Characteristic of monotonicity in Orlicz-Lorentz function spaces

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Abstract. The values of the characteristic of monotonicity calculated for Orlicz-Lorentz function spaces $\Lambda_{\Phi, \omega}$ over a non-atomic infinite as well as finite measure space (including the case of degenerate Orlicz functions Φ and degenerate weight functions ω) will be presented.

The results come from the paper: P. Foralewski, H. Hudzik, R. Kaczmarek, M. Krbec and M. Wójtowicz, *On the moduli and characteristic of monotonicity in Orlicz-Lorentz function spaces*, Journal of Convex Analysis 20 (2013), No. 4, 955–970.