

Some sequence spaces defined by a Musielak-Orlicz function in n-normed spaces

Kuldip Raj^{*}

Sunil K. Sharma[†]

Ajay K. Sharma[§]

School of Mathematics

Shri Mata Vaishno Devi University

Katra-182320

J&K, India

Abstract

In the present paper we introduced a new concept of λ -strong convergence with respect to a Musielak-Orlicz function $\mathcal{M} = (M_k)$ in n-normed spaces and examine some properties of the resulting sequence spaces.

Key words and phrases. Orlicz function, Musielak-orlicz function, Paranorm space, Sequence space, n-normed space.

2000 Mathematics Subject Classification. 40D05, 40A05.