

Misraddin A. SADYGOV

**CHARACTERIZATION OF n -POSITIVE
HOMOGENEOUS FUNCTIONS**

Abstract

In the paper, an n -positive homogeneous function is compared with a sublinear function which is determined on tensor product spaces. A series of properties of sublinear functions determined on tensor product spaces is studied. A link between an n -positive homogeneous function and a sublinear function determined on tensor product spaces is also studied.