

Elliptic equations in Musielak-Orlicz spaces

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Abstract

We deal with the nonlinear elliptic equations in Musielak-Orlicz spaces equipped with the convex modular. We do not assume that it is N -function. We do not use any growth conditions on our non-linearity. We look for positive weak solutions. We use developed here some generalization of Krasnoselskii fixed point theorem on a cone, in modular space.