عنوان مقاله:

Existence of solutions to a periodic parabolic problem with Orlicz growth and L^{۱} data

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خلاصه مقاله:

In this paper, we are concerned with the existence of renormalized solution for a nonlinear periodic parabolic problem associated to the equation\begin{equation}\frac{\partial u}{\partial t}-A(u)+g(x,t,u,\nabla u)=f\in L^{۱} \end{equation}where A(u) is the m-Laplacian operator defined on W^{۱,x}_{۰}L_{M}(\mathcal{Q}).

کلمات کلیدی:

Periodic solutions, Orlicz space, Renormalized solutions, L^{۱} data, Weak solutions, ۳۵B۱۰, ۳۵K۵۵