

Anti-periodic Solutions to a Parabolic Hemivariational Inequality

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Abstract: In this paper we deal with the anti-periodic boundary value problems with nonlinearity of the form $b(u)$, where $b \in L_{\text{loc}}^{\infty}(\mathbb{R})$. Extending b to be multivalued we obtain the existence of solutions to hemivariational inequality and variational-hemivariational inequality.

Keywords: hemivariational inequality; variational-hemivariational inequality; anti-periodic boundary value problems;

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