
DECAY ESTIMATES FOR A CLASS OF NONLINEAR $m(x)$ -TRIHARMONIC PARABOLIC EQUATION

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ABSTRACT

In this work, we investigate the decay estimates for a class of nonlinear $m(x)$ -triharmonic parabolic equations with logarithmic source terms. By employing variational techniques and energy methods, we establish the decay of under suitable conditions.

Keywords Decay · global weak solutions · variable exponent

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