

**Method of Non-Destructive Control over Temperature
Characteristics for Structural Transformations
in Polymer Materials**

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Key words and phrases: mathematical model; non-destructive control; polymer materials; structural transformations; heat activity; heat capacity; heat conductivity; thermo-physical properties; thermal conductivity.

Abstract: The paper presents the developed express method of non-destructive control over time and temperature characteristics of structural transformations (phase and relaxation) in polymer materials.