

## **General Decay of Lord Shulman Thermoelastic System with Past History**

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### **Abstract:**

The purpose of this research is to investigate a one-dimensional thermoelastic Lord Shulman problem with a single dissipation owing to the past history term. Independent of the wave speed coefficients, an exponential decay result of the system's solution is demonstrated utilizing the energy method.

### **Keywords:**

Energy method, Lord-Shulman, past history.