

# A rigid linear heat conductor with memory: minimum free energy

**Sandra Carillo**

Dipartimento di Metodi e Modelli Matematici per le Scienze Applicate, Università di  
Roma “La Sapienza”, I-00161 Rome, Italy

## **Abstract**

A rigid linear heat conductor with memory conductor is considered. Thus, the constitutive equations involve an integral term which depends on the history of the material. The minimum free energy is constructed and it is related to the maximum recoverable work.

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