

DIDACTICAL DEVICE AND METHOD FOR DEBYE'S LAW STUDY

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Abstract: *This paper presents a practical and easy method to determine the specific heat of a common material such as graphite, at a temperature range of 90 to 150 Celsius degrees, using a simple device. This is meant to be a didactical verification of Debye law regarding the heat capacities, which can be used in laboratories to demonstrate the formula, not just in a mathematical way.*

Key words: *heat capacity, Debye's law, Debye's temperature, series expand.*

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