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## The effect of high temperatures on the electrical characteristics of Au/n-GaAs Schottky diodes

*Tuesday, 5 May 2015 15:15 (1h 45m)*

We investigated the rectification properties of Gold Schottky contacts fabricated on epitaxial n-type GaAs. The study was carried out using Laplace deep level transient spectroscopy together with the current-voltage characteristics and the capacitance voltage characteristics in the 80-480K range.

**Are you currently a postgraduate student? (Yes/No)**

Yes

**At what level of studies are you currently? (Hons/MSc/PhD)**

MSc

**Please provide the name and email address of your supervisor.**

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