### Accepted Manuscript

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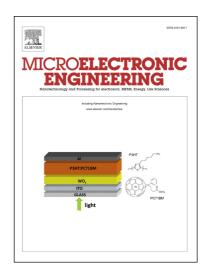
PII: S0167-9317(15)00325-1

DOI: http://dx.doi.org/10.1016/j.mee.2015.04.100

Reference: MEE 9923

To appear in: Microelectronic Engineering

Received Date: 20 February 2015 Revised Date: 16 April 2015 Accepted Date: 17 April 2015



Please cite this article as: J. Jasiński, A. Mazurak, R. Mroczyński, B. Majkusiak, Small-signal admittance model of multi-traps distributed over energy and space in the insulator of MIS tunnel structures, *Microelectronic Engineering* (2015), doi: http://dx.doi.org/10.1016/j.mee.2015.04.100

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## **ACCEPTED MANUSCRIPT**

# Small-signal admittance model of multi-traps distributed over energy and space in the insulator of MIS tunnel structures

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A theoretical model is developed which allows computing the current and small-signal conductance and capacitance of MIS tunnel structures containing surface or border traps with their arbitrary space and energy distribution. Results of the theoretical simulations are discussed and compared with measurement data.

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