

SPI Proceedings: Place Your Title Here, in Bold, Using Initial Capitals, 12 pt*

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Abstract

Place abstract here: usually a single paragraph summarizing the problem, approach and results that are in the paper. Print out these instructions before pasting your paper's text into this document, so you can refer back to them. Send the **Postscript** or **Pdf** file obtained from your word processor to **uwe.arz@ptb.de** by January 29th, 2010. You can use the same address for technical questions regarding how to produce proper output.

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Discussion 1 Section Header

Each paper is limited to two A4-size sheets (four A4 pages). For L^AT_EX users, the right format is automatically produced by this source file (TemplateSPI.tex) and its companion class file (SPI.cls). For MS Word users, the right format is produced by the template file (TemplateSPI.doc). A statement of the problem or situation, and the approach that is taken to resolve it are placed here.

Each new paragraph should start with a 1 pt \parskip and with indentation. This first section may also contain a summary of the past developments and background of what is already known, and published elsewhere. This is best summarized in your own paper, with references to other publications containing more extensive discussions of this background information [1]. The references are placed at the end of the paper [2].

Remember that you should not re-state material that is readily available in the archival literature; simply summarize it, then add a reference or two.

Discussion 2 Section Header

Text about initial steps in your preparation and analysis. Sections are not numbered, section headings are bold and left-justified, with spacing added above and below them. Subsection headings are bold and of run-in type. Page numbers are dropped.

Param.	Symb.	Description
R0	R_0	Nominal resistance [Ω]
C	c	Resistance slope [K]
A	a	Scaling coefficient
M	m	Non-linearity coefficient [V]
N	n	Non-linearity coefficient [V]
C0	C_0	Nominal capacitance [F]

Table 1: PTC model parameters and their symbols.

Your figures, tables, and diagrams should be placed within this document, with text placed around them. These figures may have been created in a spreadsheet or graphics program; you should simplify them so that they are easily readable, and reduce them to fit into one column (or make them wider, if needed, with text from the second column flowing around them). The printed version of your paper will be reproduced in black ink on white paper, so take care that a print on a greyscale printer still shows everything you want to show.

Table and Figure captions should be placed after the object they refer to (see Table 1). Equations must be center-aligned, and should be preceded and followed by one line of white space

$$\frac{ih}{2\pi} \frac{\partial \Psi}{\partial t} = -\frac{h^2}{8\pi^2 m} \Delta \Psi + U(x, y, z, t) \Psi \quad (1)$$

Your text should flow completely to the foot of the page. Verify the borders in this template file. For an A4 sheet, the left and right margins should be 13.8 mm, and top and bottom margins 25.2 mm. The gutter between columns should already be about 5 mm.

Conclusions

Place conclusions here.

Acknowledgments

Place acknowledgments here, if needed.

References

- [1] Downey, D. F. *et al.*, Ion Implantation Technology, Prentice-Hall (New York, 1993), pp. 65-67. [A book reference ...]
- [2] Wasserman, Y., "Integrated Single-Wafer RP Solutions for 0.25-micron Technologies," *IEEE Trans-CPMT-A*, Vol. 17, No. 3 (1995), pp. 346-351. [A reference to a journal article ...]

*Courtesy of Dr. P. Wesling, C.P.M.T. Publications V.P.