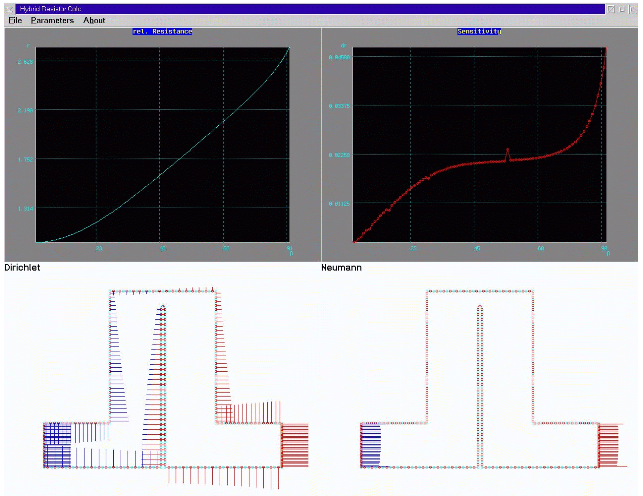

Fig. 3 A Laser cut simulation

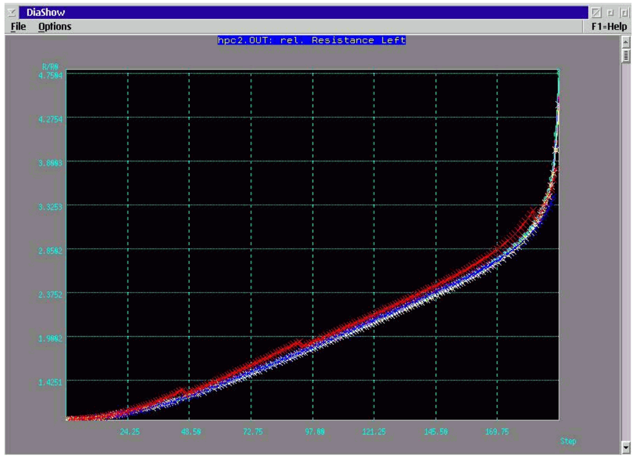

Fig. 4 Realdata comparsion
The red and the blue graph be due to the simulation, whereas the red one has a much lower precision. The other curves are come from a real world measurement
(With friendly permission of Texas Instruments Inc., Dallas)

For further informations visit also our Web-page:

www.math.tu-cottbus.de\~schimm\schimm_fse.html

Chair for Numerical and Applied Mathematics

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Other Research Activities

- Application of fuzzy methods in controlling and modelling
- Optimization of technical processes in the industrial production
- Applicatory use and development of special solvers for partial differential equations
- Optimal construction of supply networks with Genetic Algorithms
- Realtime color image processing for visuell quality assurance systems

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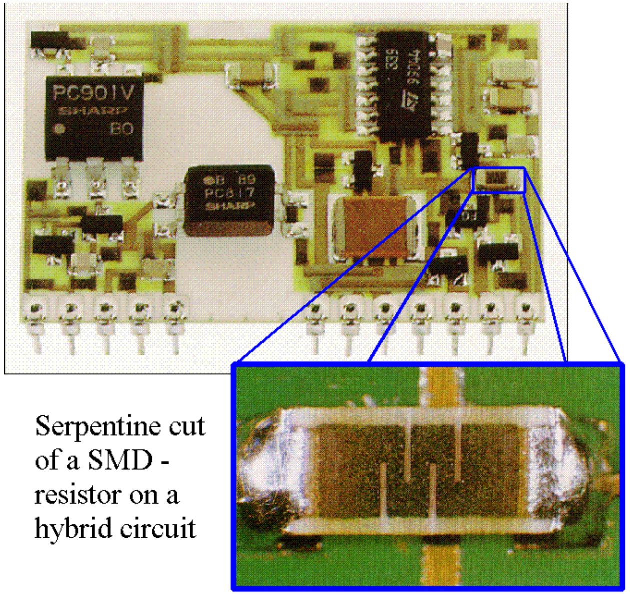
Process Simulation for Design & Technology

Dipl.-Ing. Klaus Schimmanz



Serpentine cut of a SMD - resistor on a hybrid circuit