



CHAIR OF ELECTROMAGNETIC COMPATIBILITY

Visualization and Plotting of Large Datasets

Background and problem: At wide band measurement of systems with sharp resonances like microwave cavities a very large number of values is accumulated. In the subsequent analysis of the data it is often difficult and time-consuming to visualize and process the data. Commercial plotting tools usually do not offer much help in visualizing these large data sets.

Task: The main objective is to write a graphical tool for easy and fast zooming and scrolling inside the diagram of a large set of values. The preferred language is MATLAB.

Supervisor: > Dr. Ing. Mathias Magdowski (<https://lsf.ovgu.de/qislsf/rds?>

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