



Application of Agilent VEE in Higher Education

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Objective:

For many years at our university, Agilent VEE has been used for instrument automation and processing of measured data. Overall, Agilent VEE is a very useful tool, not only for instrument automation, but also for simulation of various theoretical subjects. In the following papers, I will present a survey on the application of Agilent VEE in my lectures and laboratory experiments.

Equipment

- Agilent 54622A Deep Memory Oscilloscope or Agilent 54600B Oscilloscope
- Agilent 34401A Digital Multimeter
- Agilent 33120A Function Generator
- Agilent VEE software
- Agilent 4284A RLC meter

Experiments

- Lab 1: Mean Value of Periodic Time Functions (VEE files)
- Lab 2: Phase-sensitive Rectifier (VEE files)
- Lab 3: Nyquist Sampling Theorem (VEE files)
- Lab 4: Fourier Transform (VEE files)
- Lab 5: Remote Control of Instruments
- Lab 6: Automatic Measurement and Data Processing
- Lab 7: Applications of Data Translation Multi I/O Boards