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Signal Processing with Free Software: Practical Experiments (FOCUS Series)

François Auger

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Signal Processing with Free Software: Practical Experiments (FOCUS Series) François Auger
An ideal resource for students, industrial engineers, and researchers, *Signal Processing with Free Software Practical Experiments* presents practical experiments in signal processing using free software. The text introduces elementary signals through elementary waveform, signal storage files and elementary operations on signals and then presents the first tools to signal analysis such as temporal and frequency characteristics leading to Time-frequency analysis. Non-parametric spectral analysis is also discussed as well as signal processing through sampling, resampling, quantification, and analog and digital filtering.

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4. Signal Processing.
Sampling. – Resampling. – Quantification. – “Analog” Filtering. Digital Filtering

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