

Building laboratory experiments for the course Digital Signal Processing

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Abstract: This topic aims to design and implement experiments suitable for the content of the Digital Signal Processing 2 course. With the goal of helping students master knowledge of digital signal processing methods through hands-on practice, the main problem is to determine the process for building practical exercises. The research method includes analyzing the course requirements, selecting appropriate technologies, and implementing experiments on a modern software platform. The expected results will provide students with an effective experimental environment, contributing to improving the quality of teaching and learning in the field of Digital Signal Processing.

Keywords: Digital Signal Processing, Laboratory Experiment, Engineering Course