Abstract

In this diploma project, we conducted research and analysis of digital processing systems for multi-speed signals using the MATLAB program. The basics and tasks of digital signal processing are defined. When performing this work, the multiphase structures of the GUI FDATool graphical interface were simulated using the MATLAB Simulink program. The MATLAB program modulates digital signal processing, showing advantages over the MATLAB Simulink application. In this work, the main tasks were completed, the issues of the business plan and life safety were considered.