PA176 - Introduction

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Content

- Digital computer main parts
- Digital system structure
- Operational memory addressing methods
- Operational and CACHE memory structure, operation principles
- Microprocessor structure, Interruption system principles
- Direct memory access principles
- Digital processing chain
- Digital signal processing methods
- Signal spectra estimation methods
- Analog-digital converters, Digital-analog converters
- Input-output devices
- Power supply unit, switch - mode power supply
- Primary power supply, battery, accumulators

Overview

- Lecturers - Matěj, Král + experts from companies
- Finall exam - 100 p.
- Minimum - 60 p.

Information

- Study materials will be in IS
- Consultation via email or MS Teams