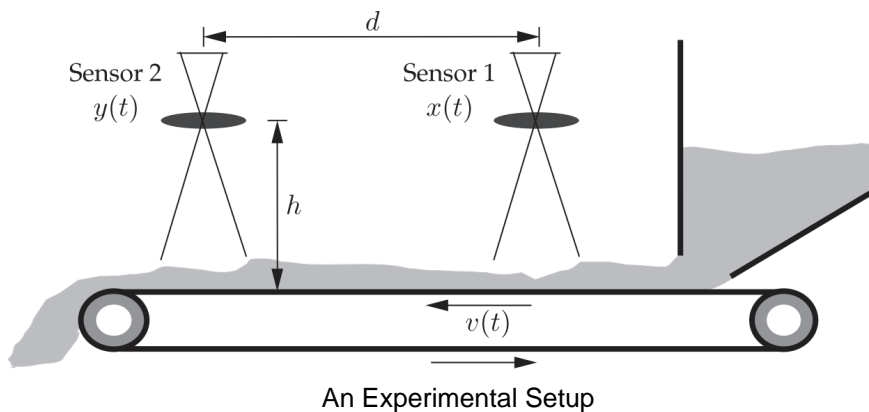**Hiwi**

Tutor for signal and processing labs

Motivation

The course Signal Processing Labs is a course about getting practical expierence with data acquisition and processing. In it, the participants performs experiments on 8 different laboratory setups and answer a set of questions about each. These setups are designed to each highlight a different aspect of data processing. Some examples are: Working with sounds waves and vibrations, tracking a ball with a fixed camera, and analysing toy car crash data. The course is ended by an PC room exam.

An Experimental Setup

Problem Statement

Tutors are needed to supervise the expirements and answer questions that the students might have. The tutor also corrects the exercises made about each setup. They are rewarded with the standard Hiwi compensation. The lab sessions are on either the Wednesday mornings/afternoons, with the dates on the course website.

Prior knowledge

– Signal processing and filtering knowledge
– Having taken the course is wanted but not needed

Alignment

☐ Conceptualization
☒ Implementation
☐ Research
☒ Measuring
☒ Signal analysis

Start

Ab 01.04.2023

Links

Mitarbeiterseite

Contact person

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