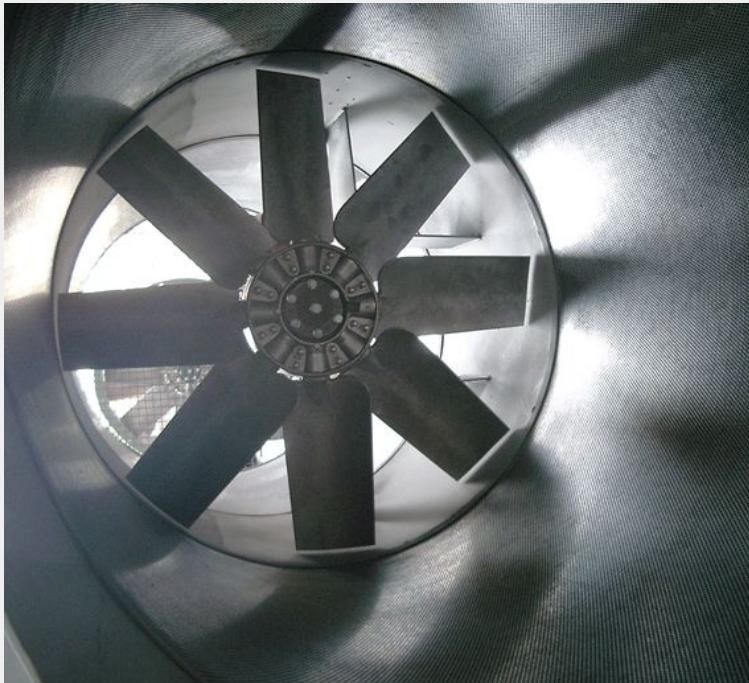


# Automatic Control

*LET085 Project*



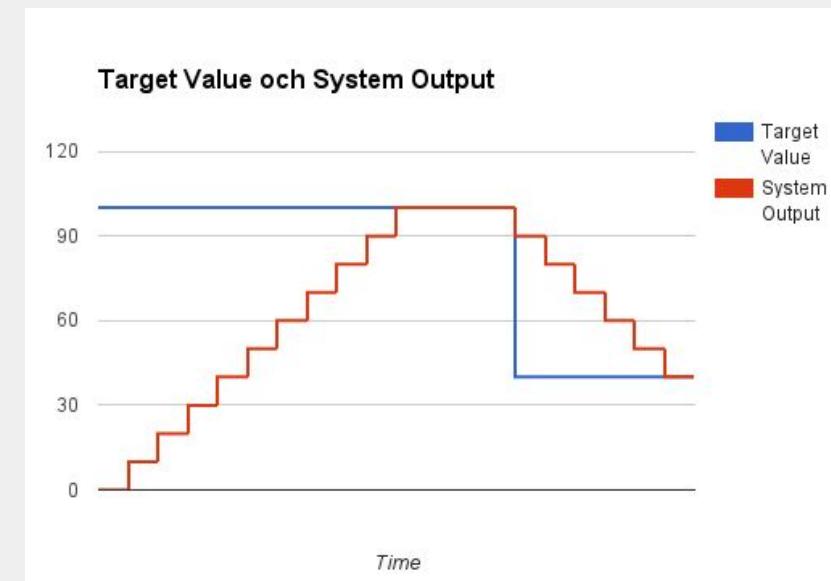
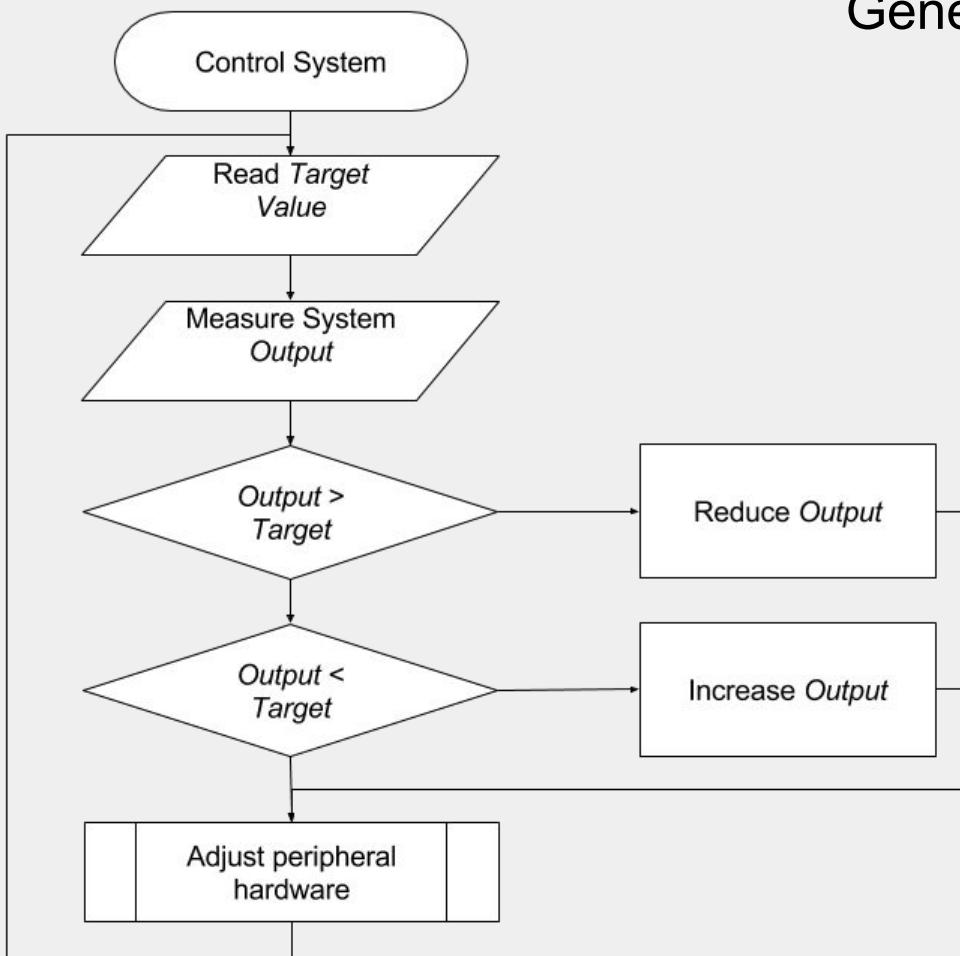
Andreas Johansson

John Croft

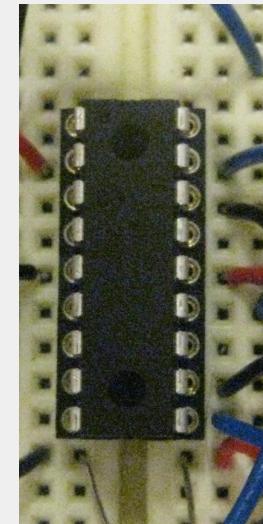
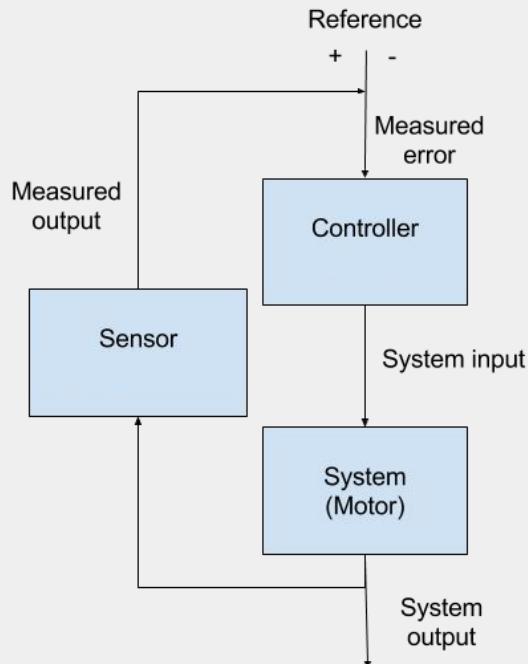
# Outline

- Overview
- Implementation
- Results

# General Overview



# Implementation



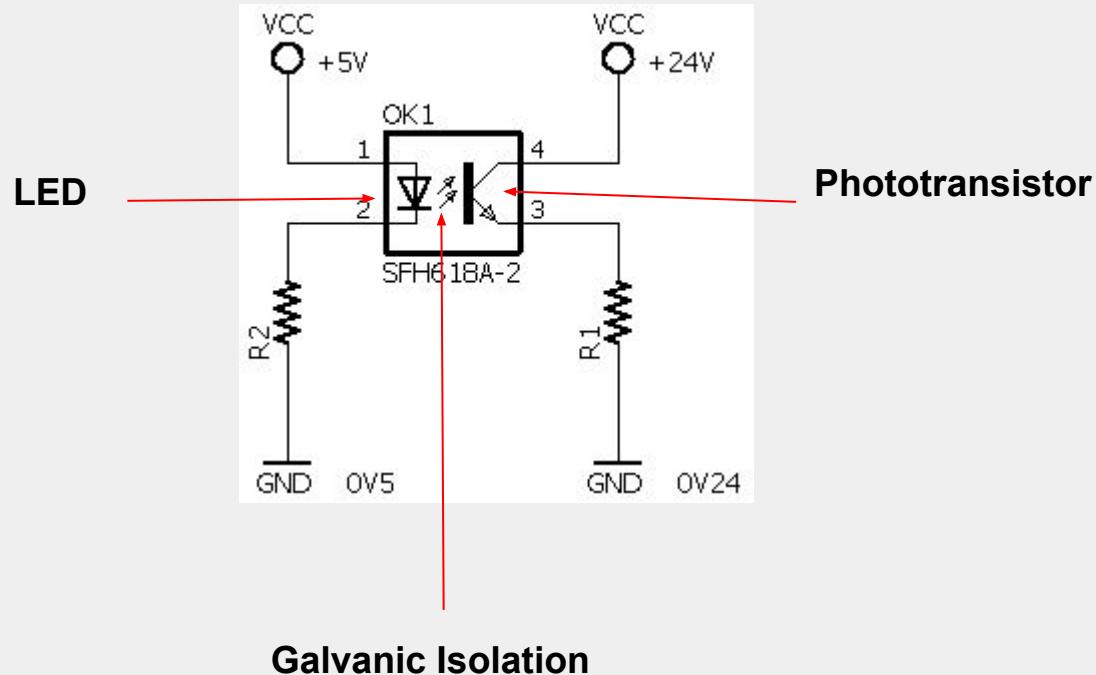
## Programmable Logic Controller

- Common in heavy industry
- Electrically & physically robust
- Uses specialized programming languages

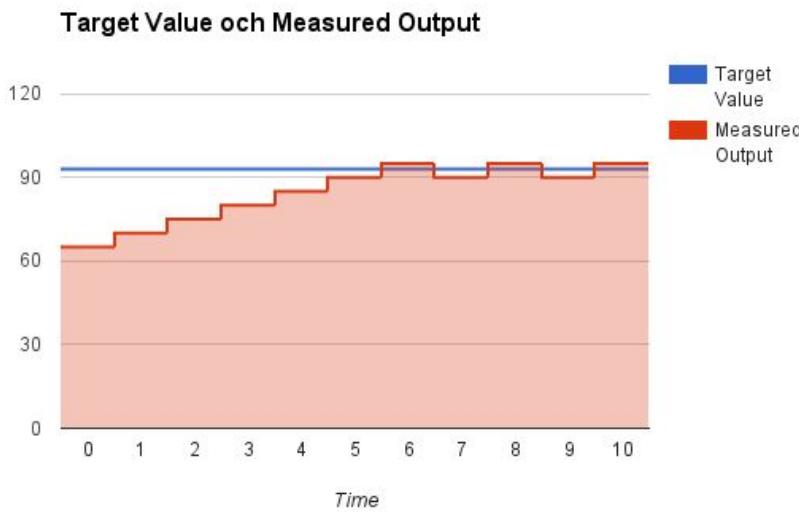
## PIC16F1827 microcontroller

- Mass produced
- Electrically vulnerable
- Compatible with common programming languages

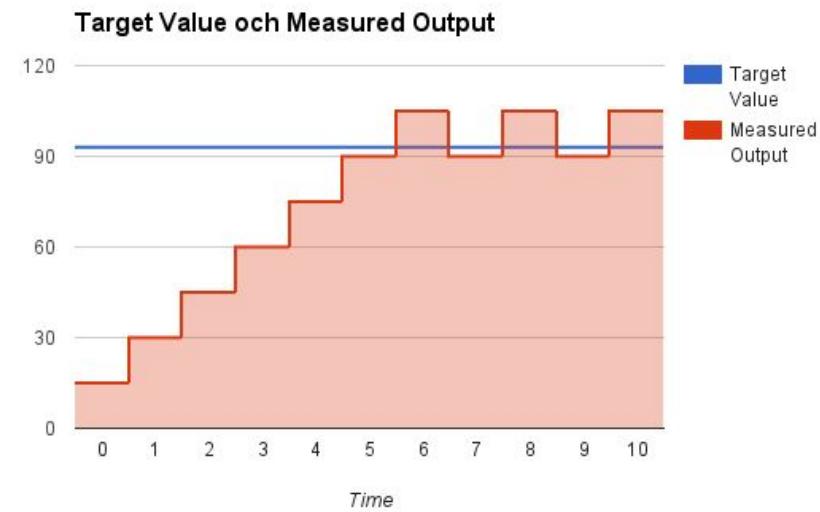
# Obstacles



# Problems Encountered



Accurate but slow



Fast but innaccurate  
Large oscillation around target

# Results

- Responsiveness vs. accuracy
- Loose specifications = unclear requirements

Fin

Questions?