# AutB

# Cédric Lenoir

**Cedric.Lenoir@hevs.ch**

## Keyword

P5

MB_CyclicSetPoint

# Admin

## Evaluation

50 % 2 évaluations intermédiaires de 45’

Semaine 13, modules 00 à 04

Semaine 21, programmation robuste

50 % Examen de module semaines 26/27

# Admin

Reste

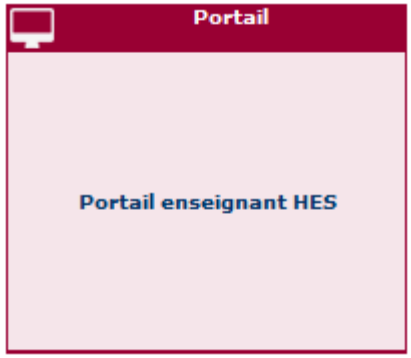
| | |
|---|---|
| Semaine 20 Polynôme 5 | Labo 6/7 (1) |
| Semaine 21 (Evaluation programmation robuste) | Labo 6/7 (2) |
| Semaine 22 Fête Dieu + Rapi (pas de cours) | Labo 6/7 (3) |
| Semaine 23 Retour Eval + fin | Labo 7/7 (lundi) |
| | Labo 7/7 (mercredi) |
| Semaine 24 OPC UA + Généralités | Labo 7/7 (mercredi) |

Evaluation S21 45’→60’

Sujets: principalement MOD04, MOD05, MOD06 et MOD07

# Evaluation

## Feedback Please !




# Régulateur PI

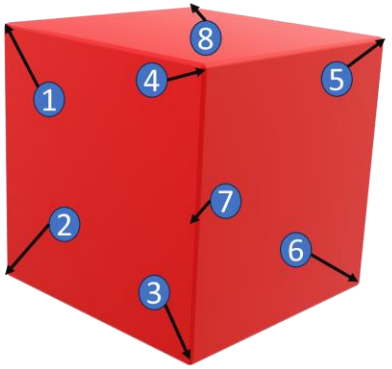
Exemple en  AutB_MOD_07_Mechatronics_Soft

**Function Block PI Regler.md**

# Use Case

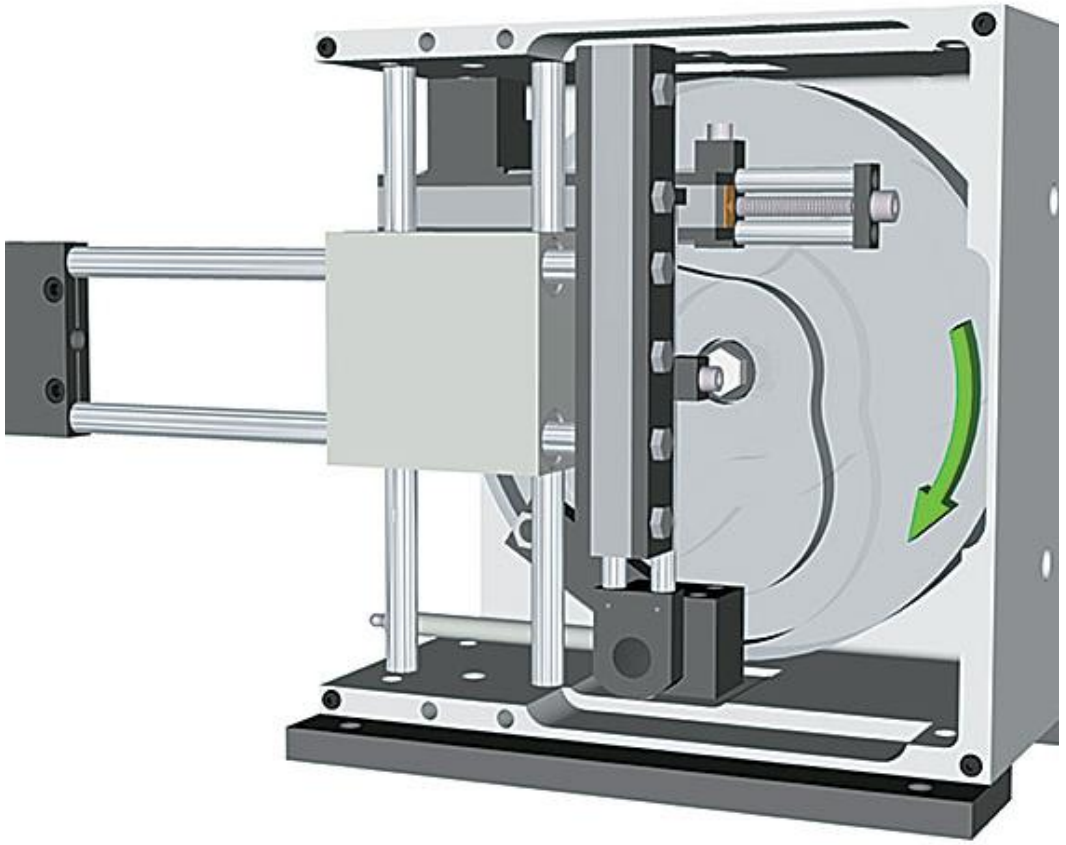
**Robot**

**Move XYZ from 1 to 6**



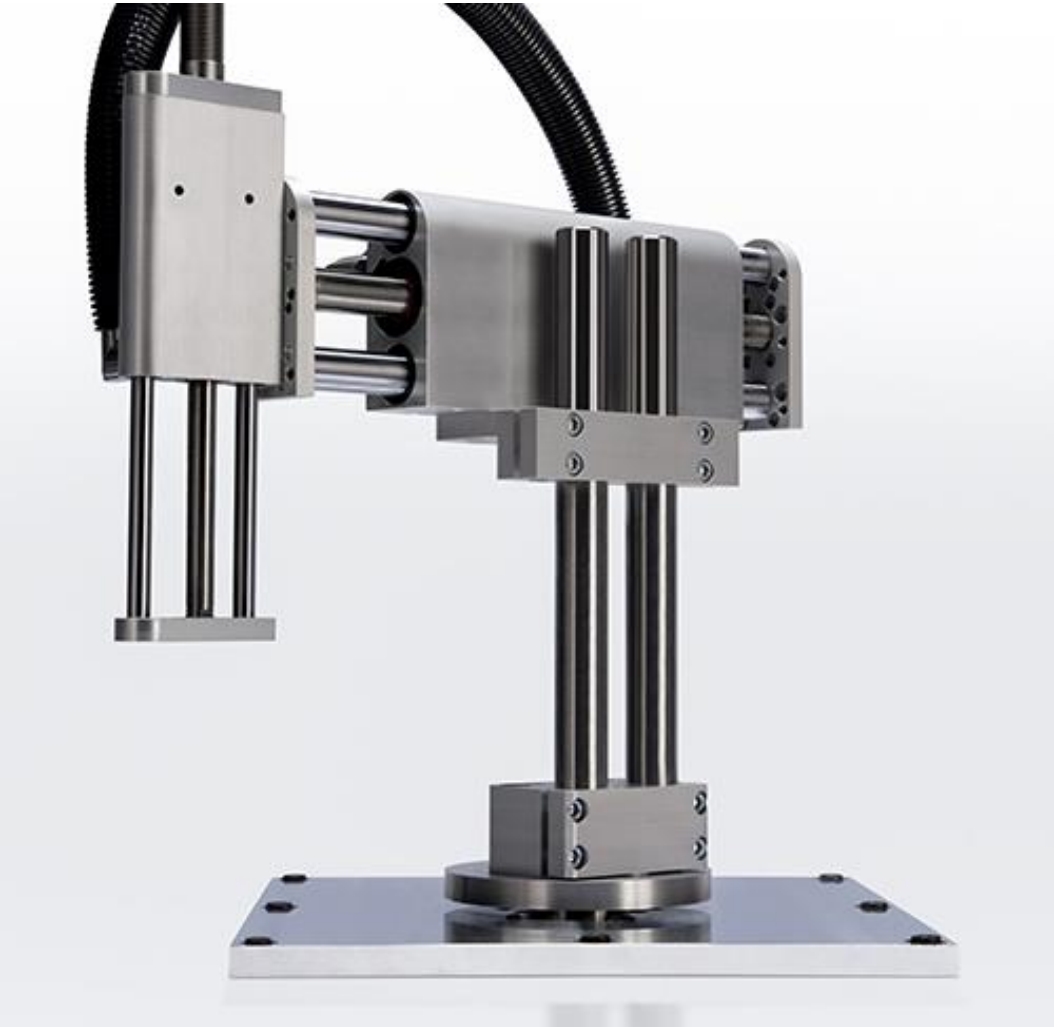
# Use case

Replace mechanical cam by linear motors.

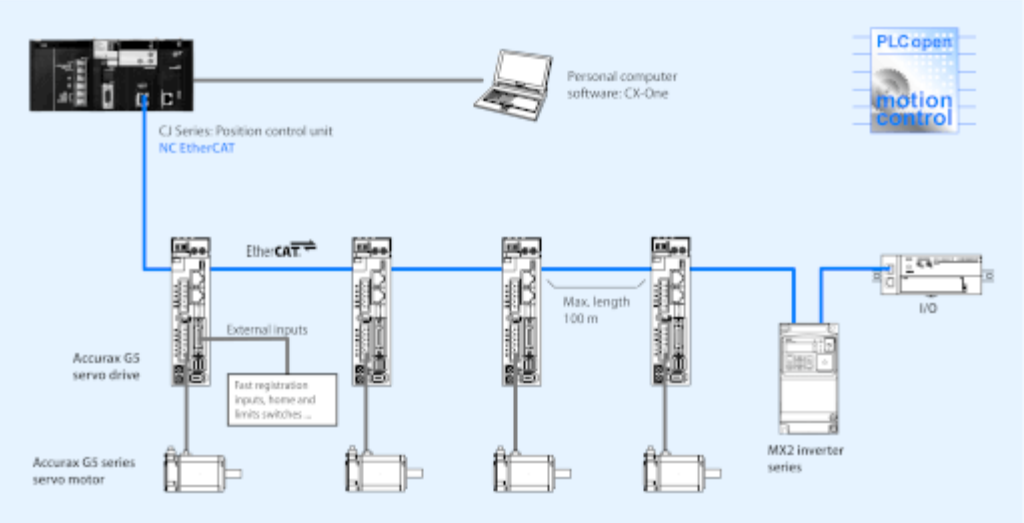


# Use case

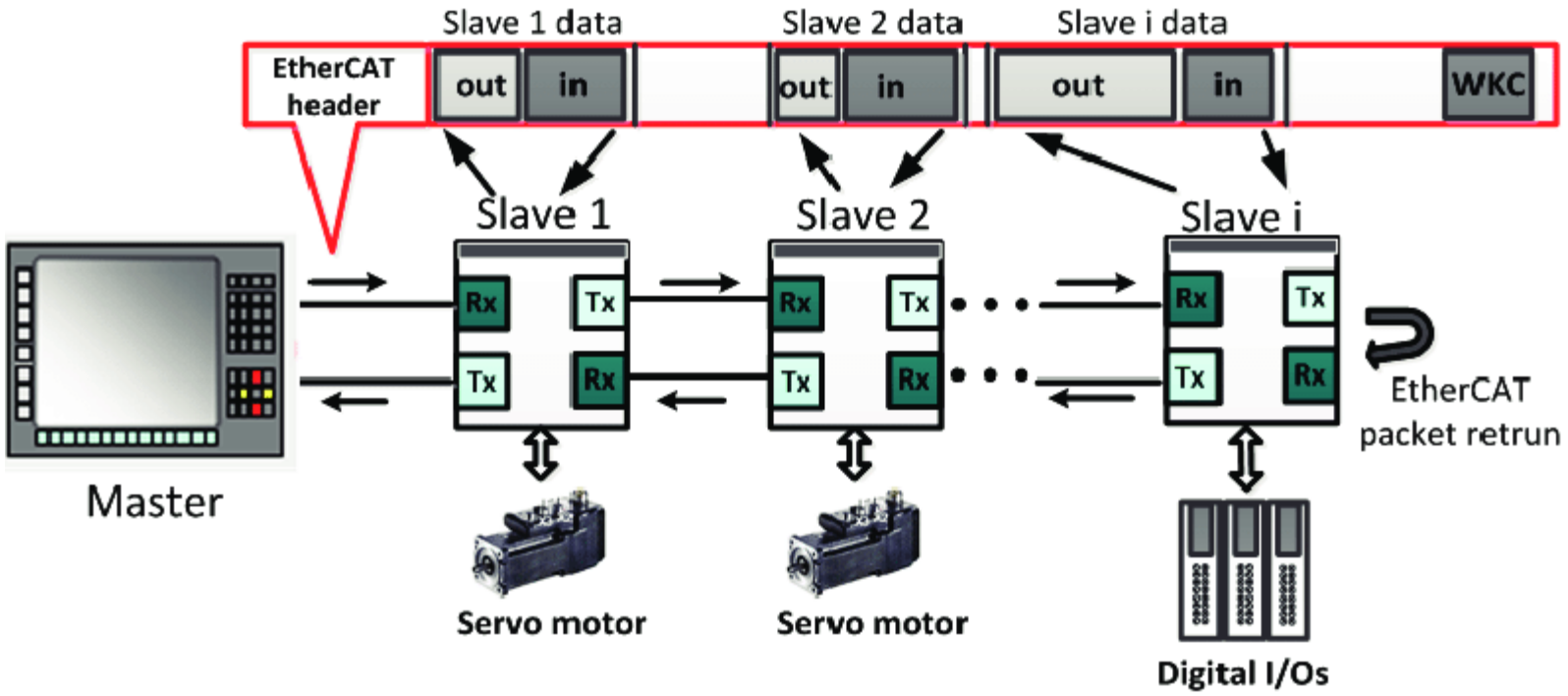
With linear motors



# Synchronise motors

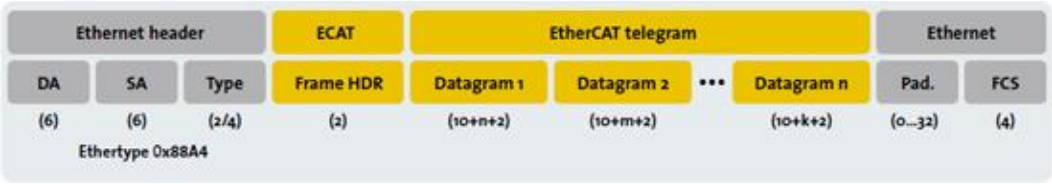


# Synchronise motors

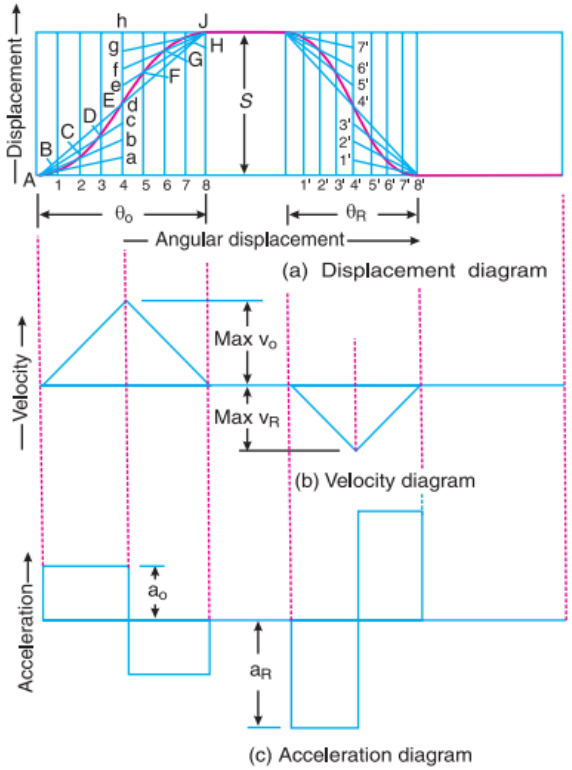


# Ethercat Frame

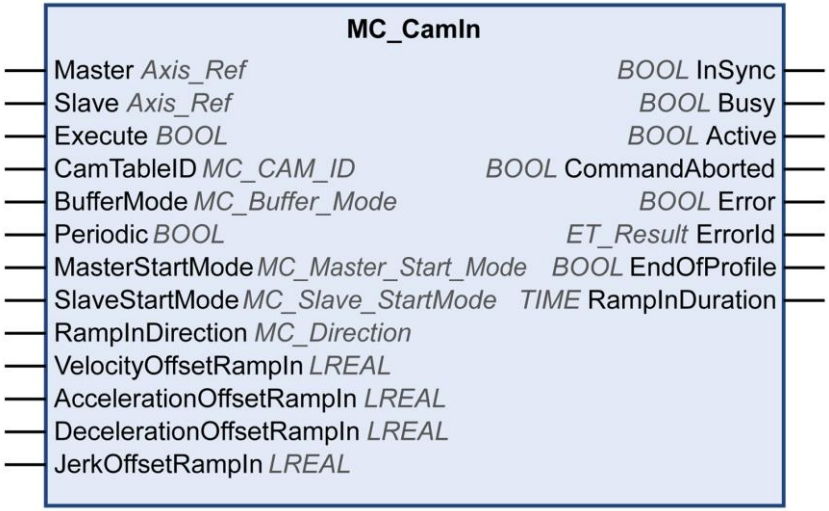
More info about Ethecat



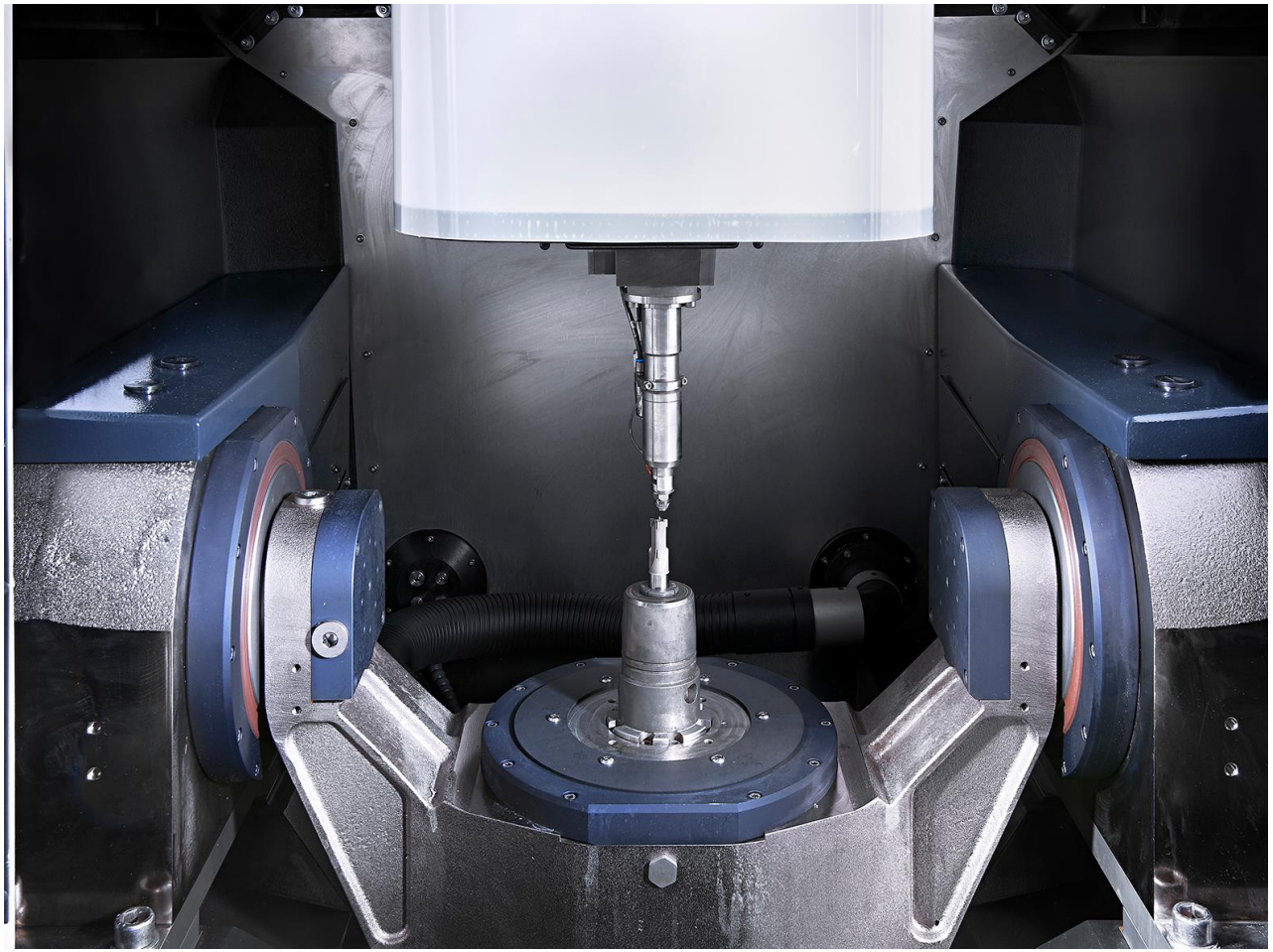
# Design Cam profile Old Style



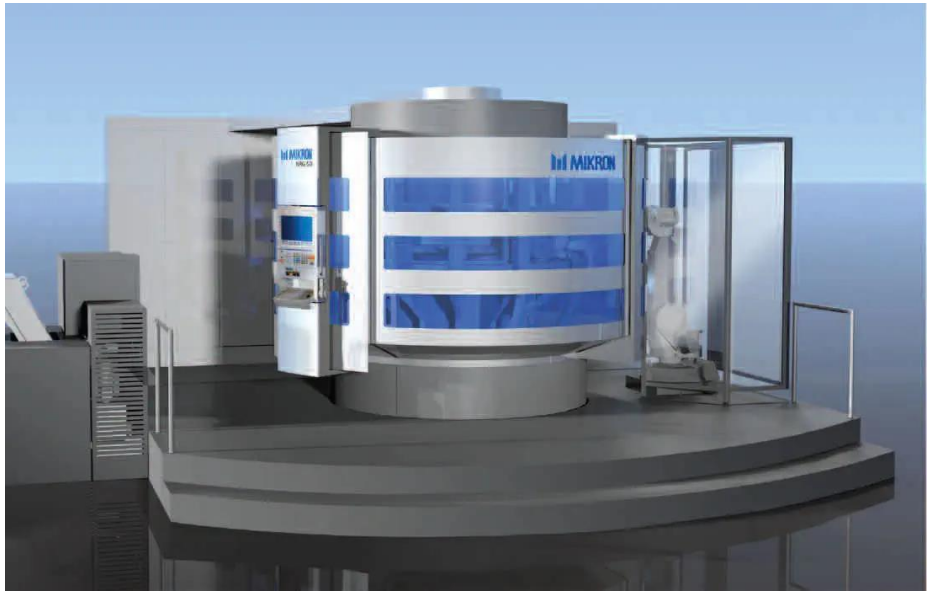

## Source Schneider

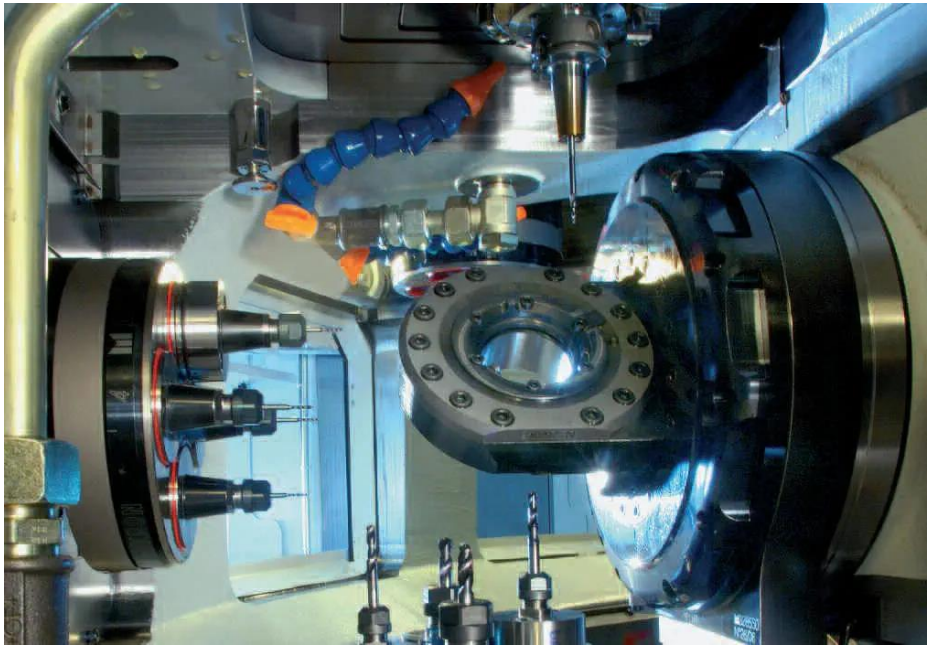


# Introduction to CNC

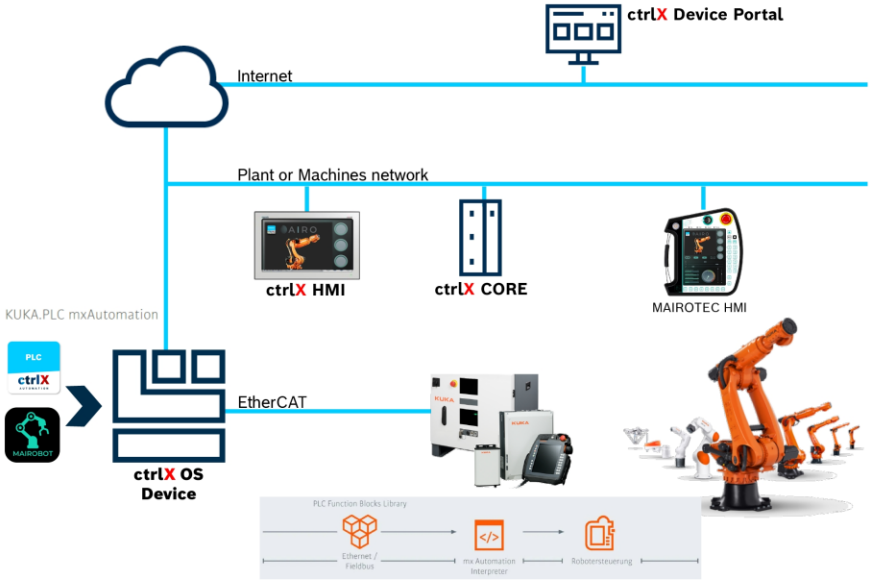


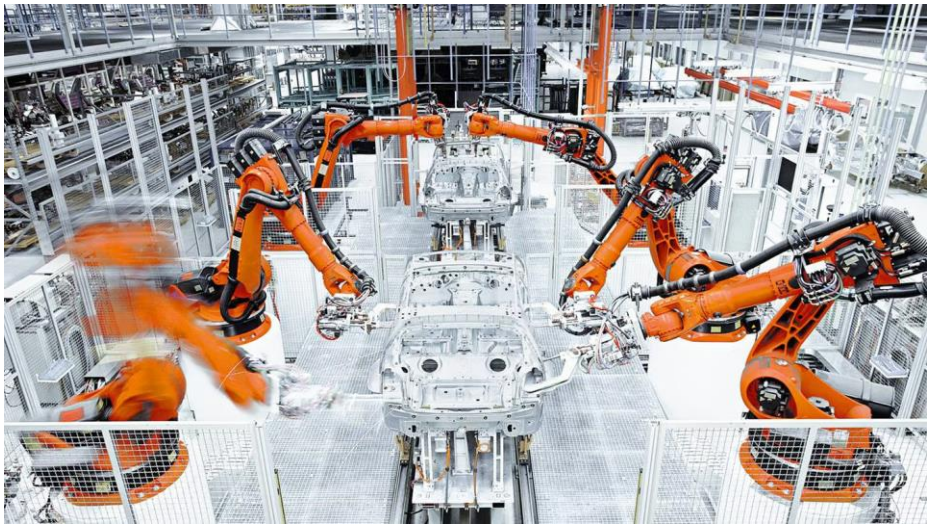
# Understand modular CNC



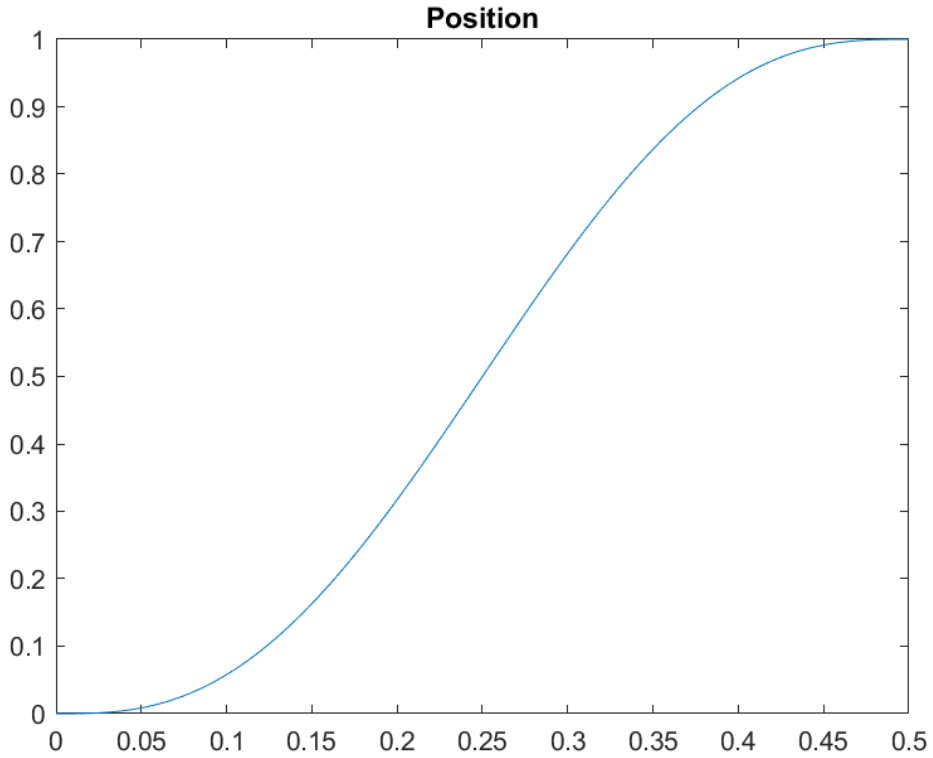



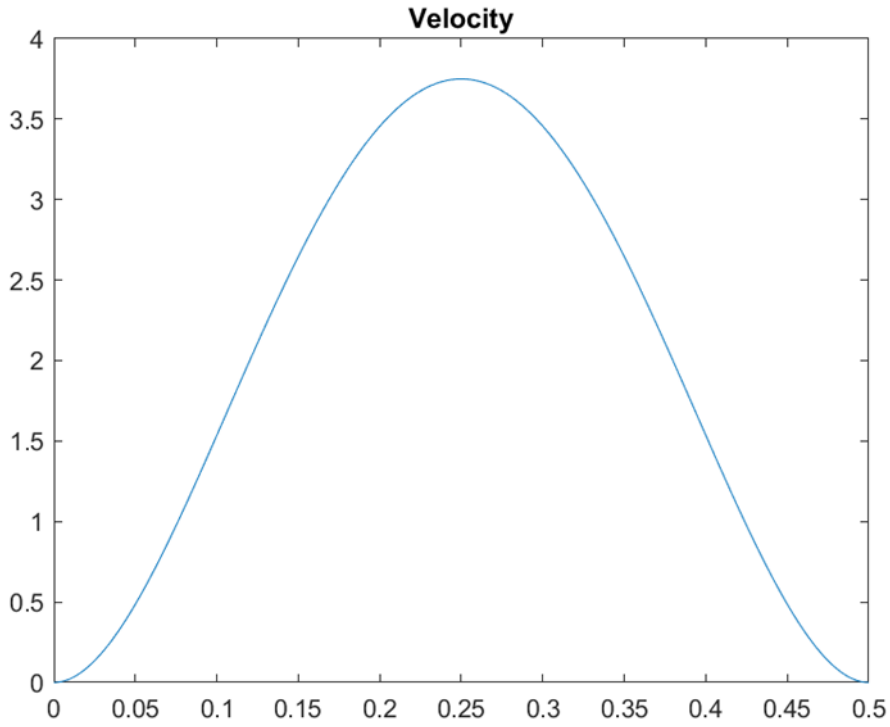
# Understand robotics



# Theorical introduction with P5



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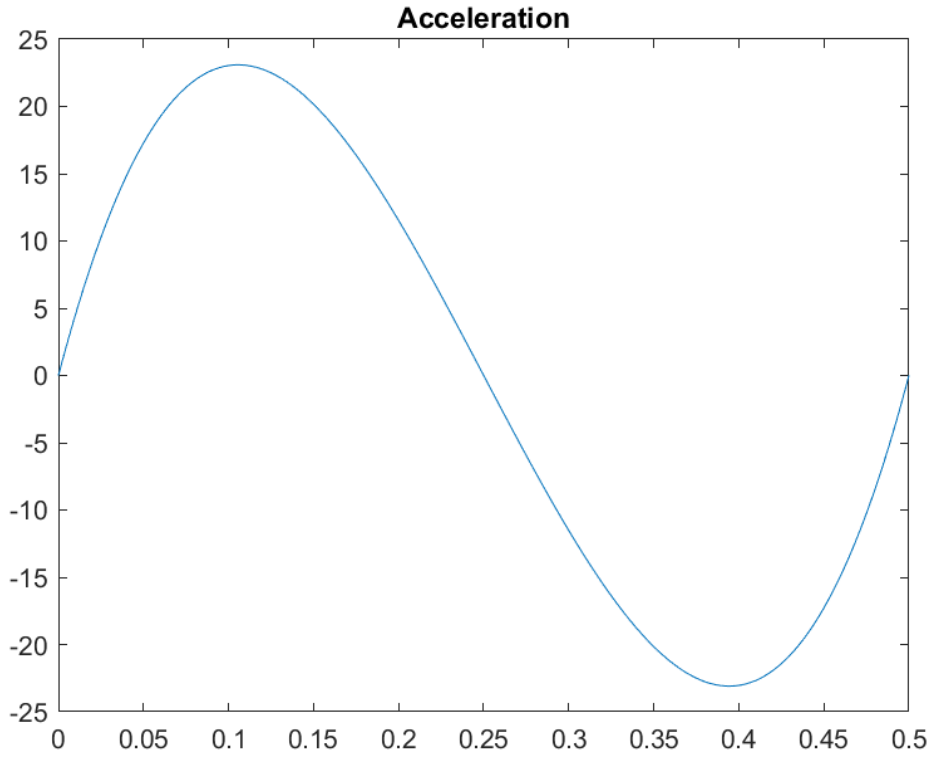
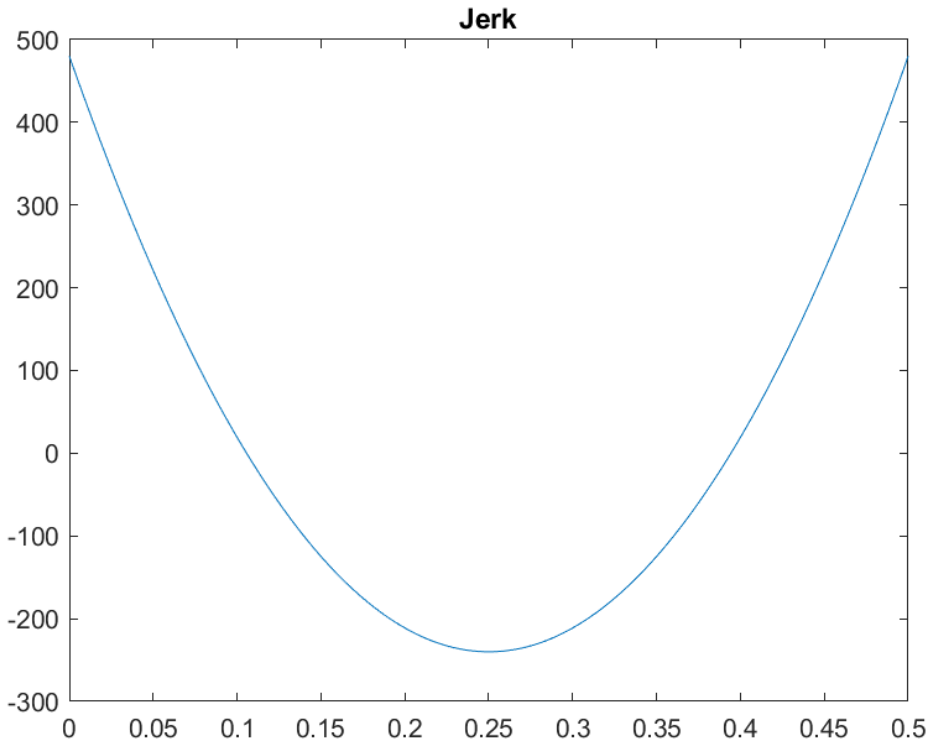
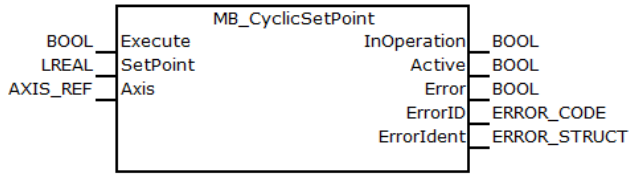


# MB_CyclicSetPoint

Brief description

The function block MB_CyclicSetPoint cyclically sends the external command value of an axis without direct change at the drive.




Type: **Execute**

# Merci de votre attention