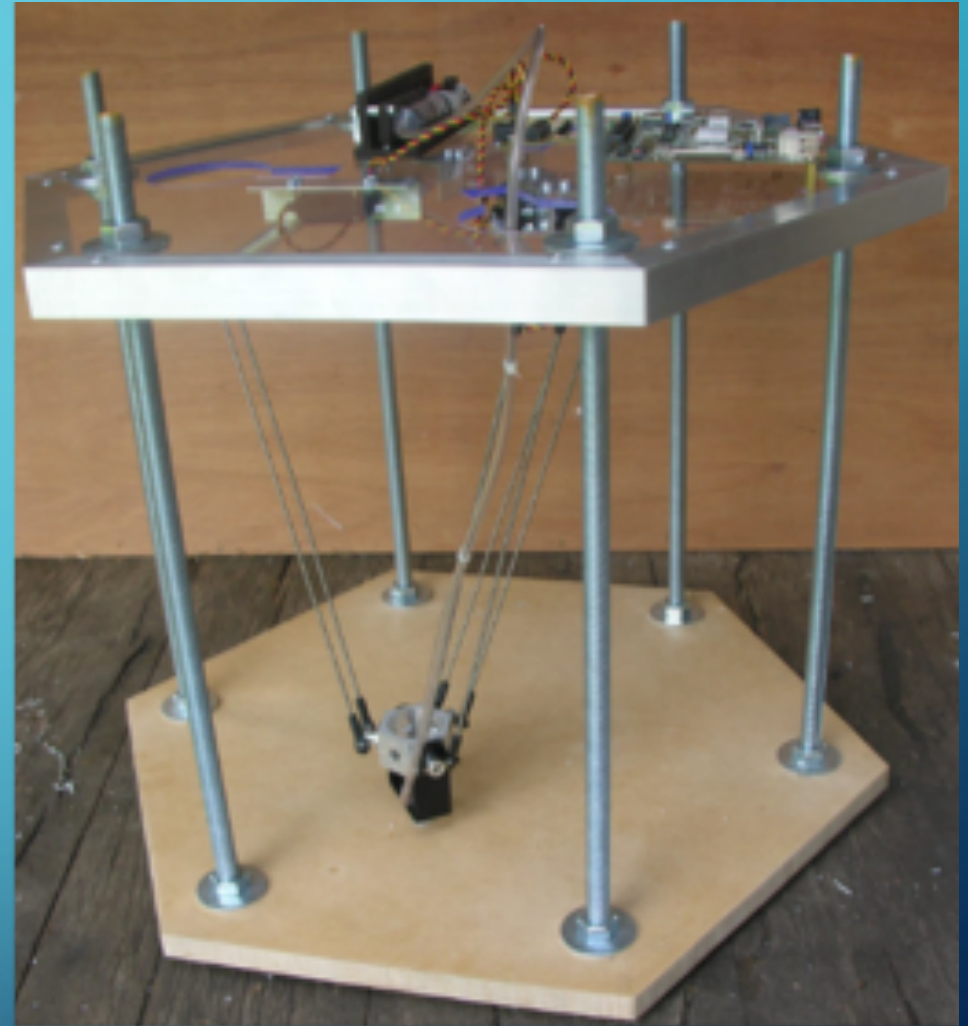


MECHATRONICA DELTAROBOT MYRIO

LISA VANDERBEMDEN

RUBEN TUTS



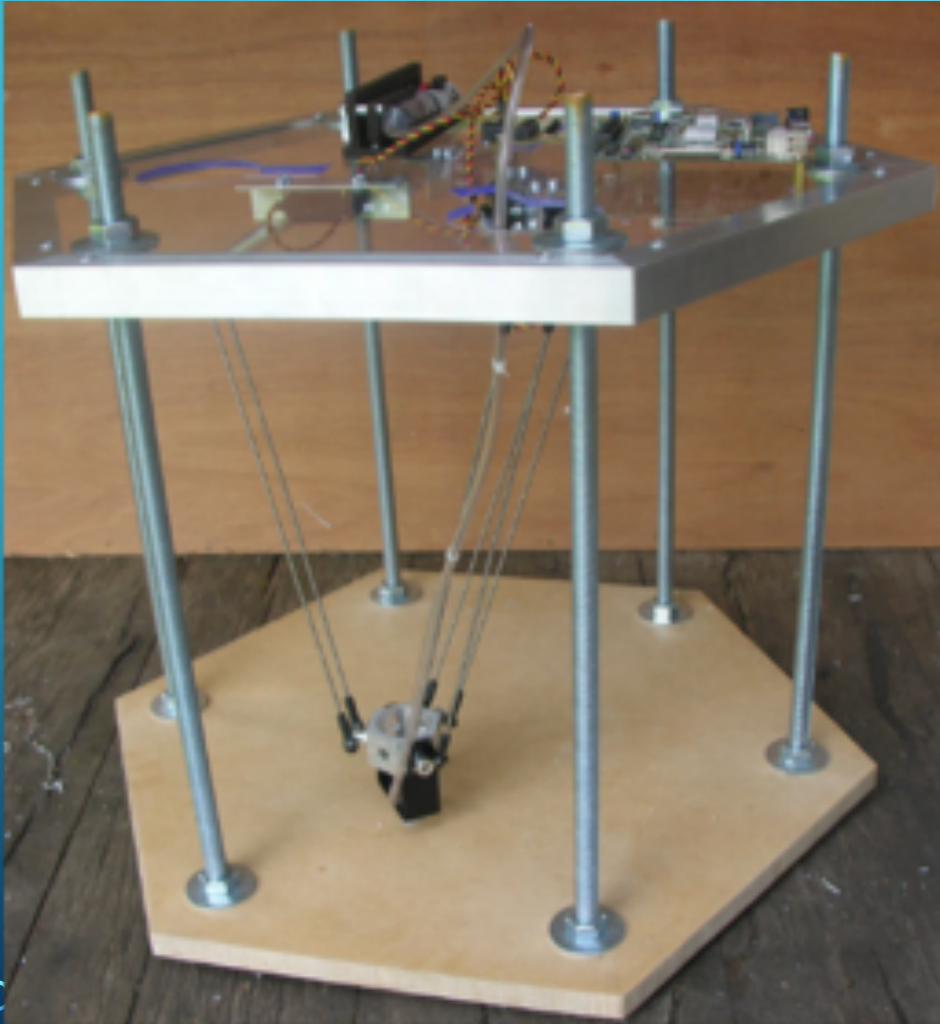
INHOUDSTABEL

- Beschrijving van de opdracht
- Opstelling
- Aansluitingen
- Blokschema
- Programmacode - Blokschema
- Filmpje

BESCHRIJVING VAN DE OPDRACHT

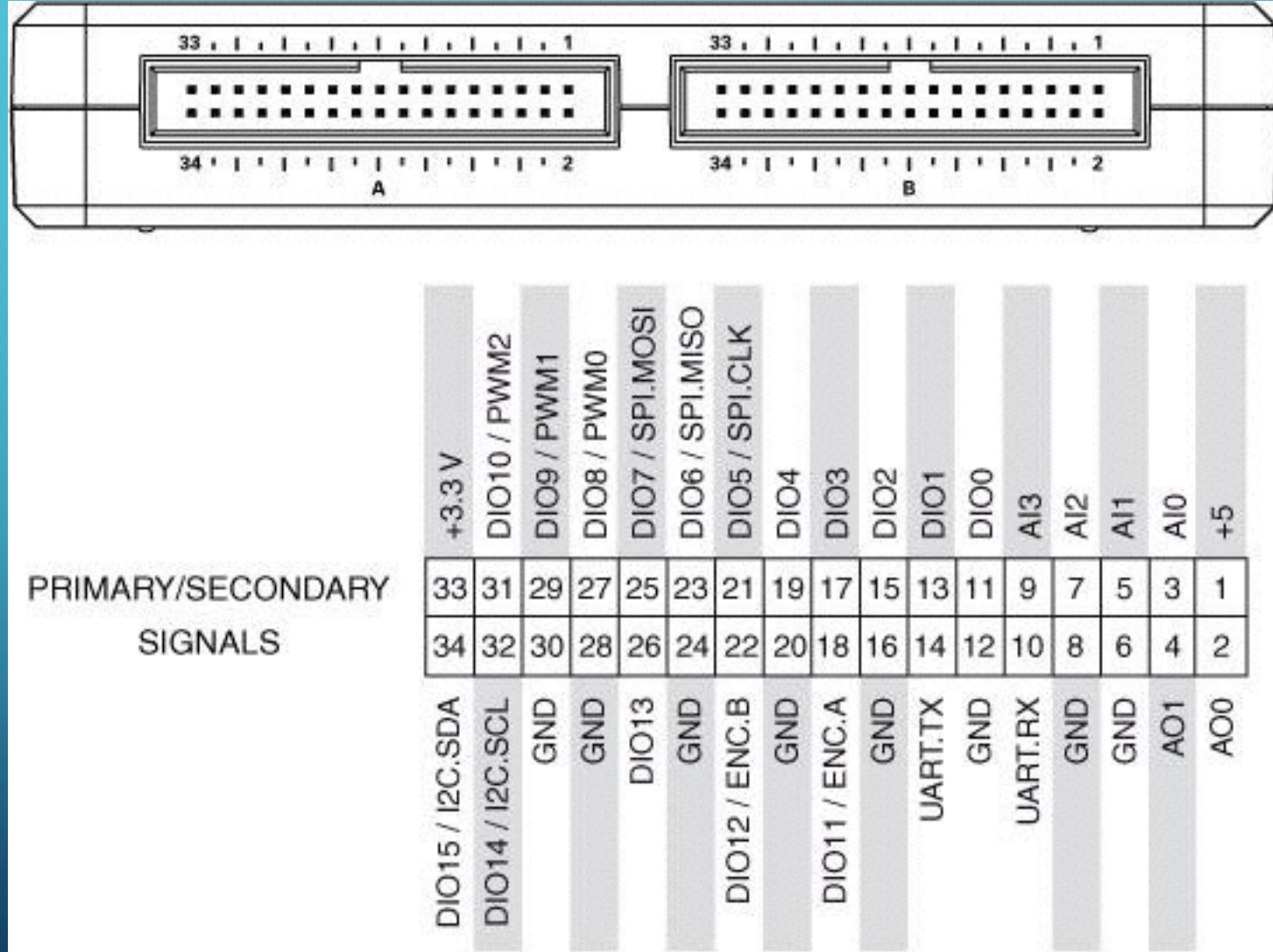
- Aansturen via MyRio
- Defecte servomotor vervangen
- Alle servomotoren laten werken
- De wiskunde zoeken

OPSTELLING

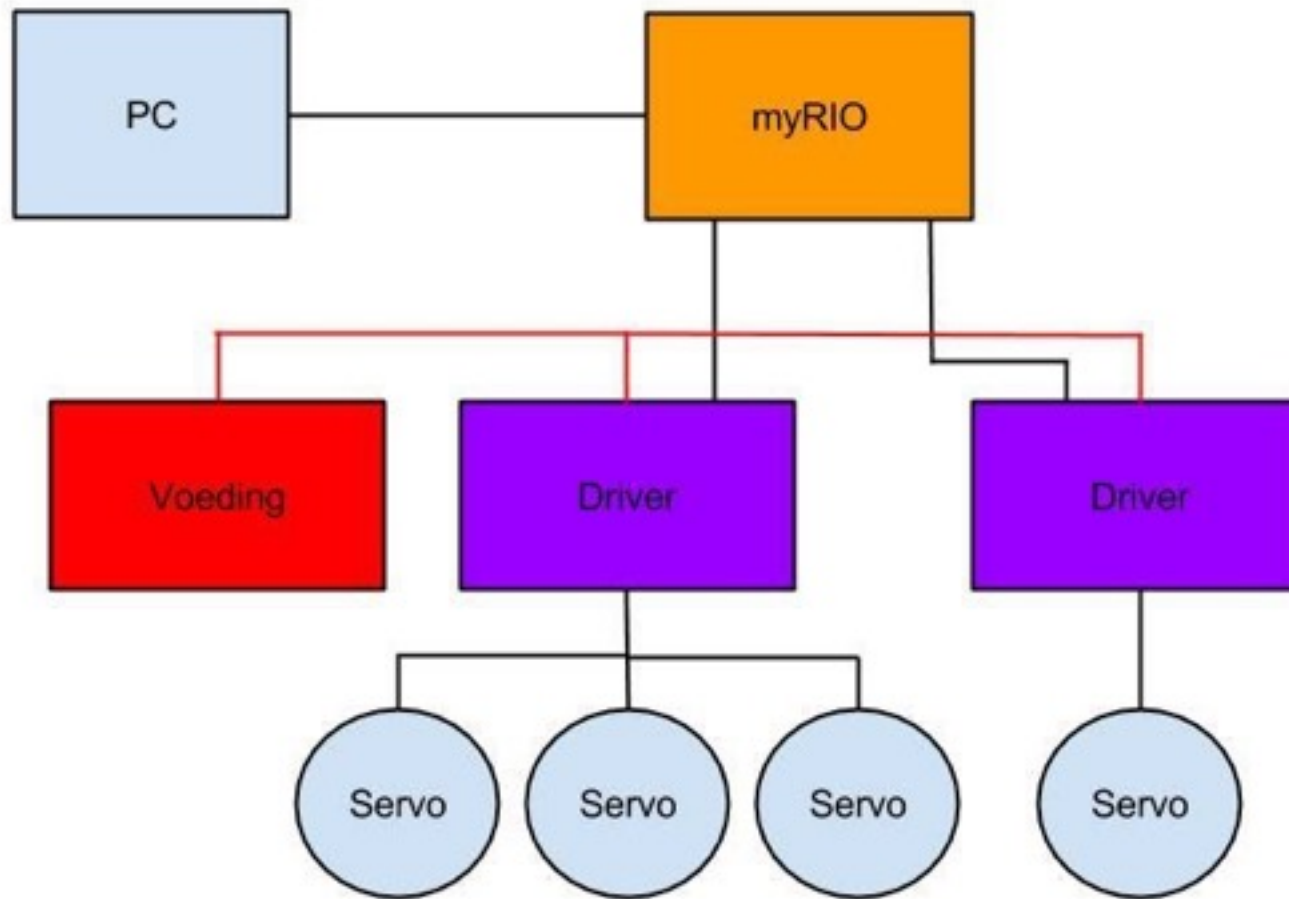


- Servomotoren
- Hexagonplatform
- MyRio
- Externe voeding
- Smitje

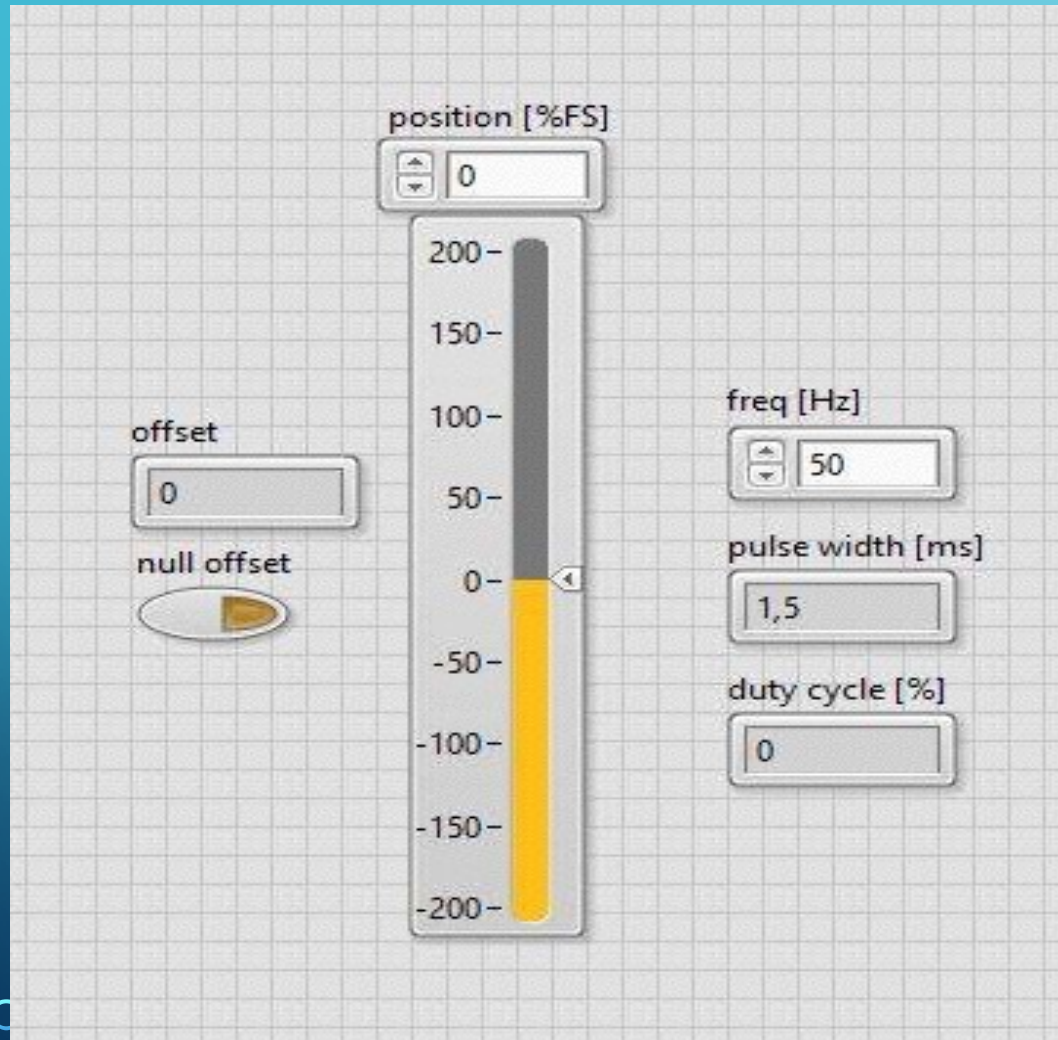
AANSLUITINGEN MYRIO



BLOKSCHEMA

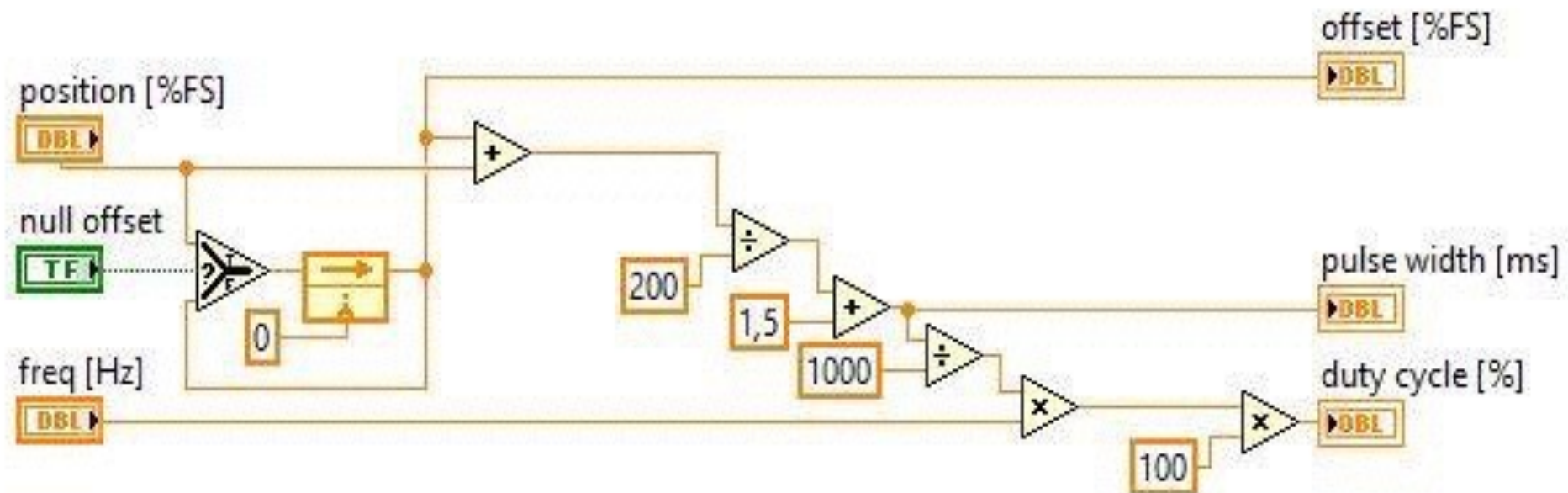


PROGRAMMACODE-BLOKSCHEMA

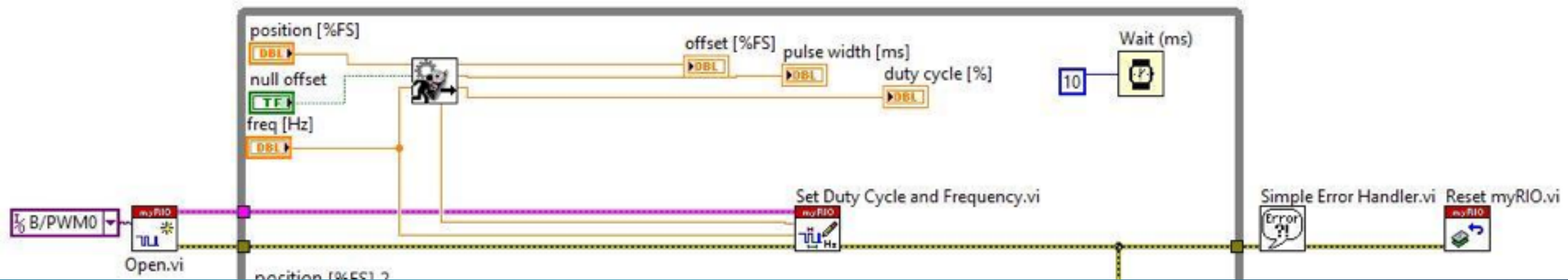


- Eerste democode
- Frequentie
- Offset
- Positie

PROGRAMMACODE-SUBVI



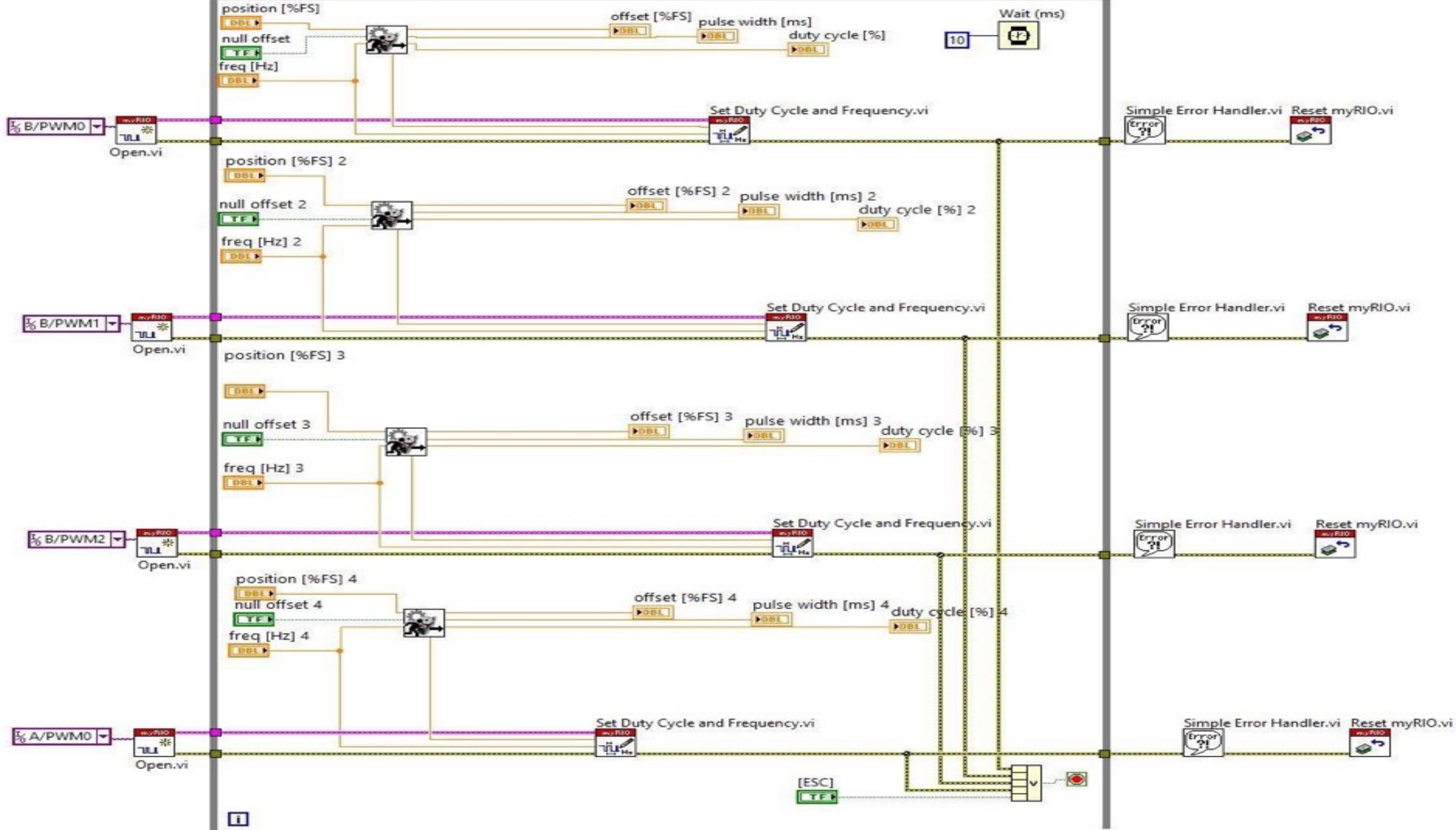
PROGRAMMACODE-BLOKSCHEMA



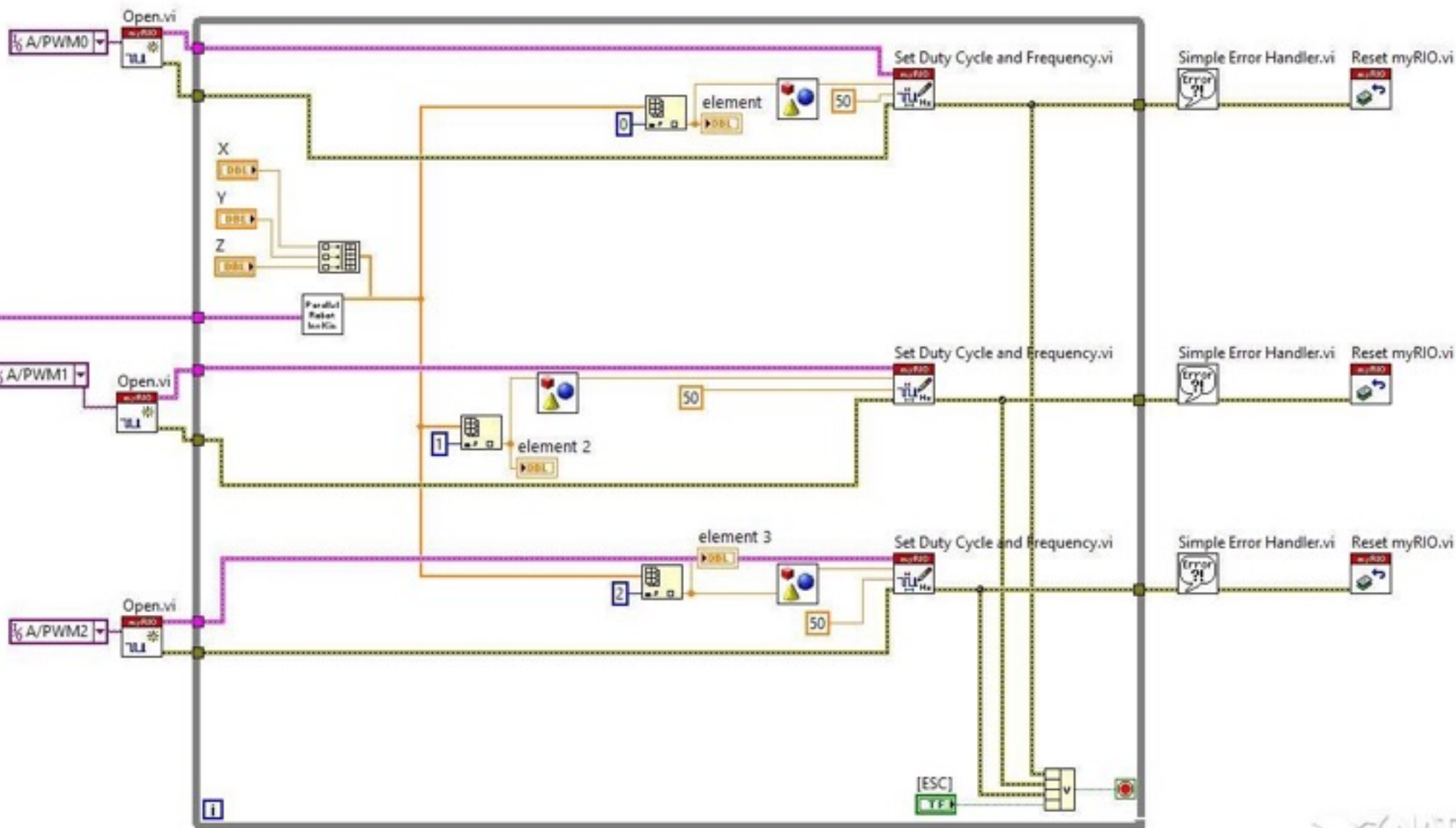
PROGRAMMACODE-BLOKSCHEMA



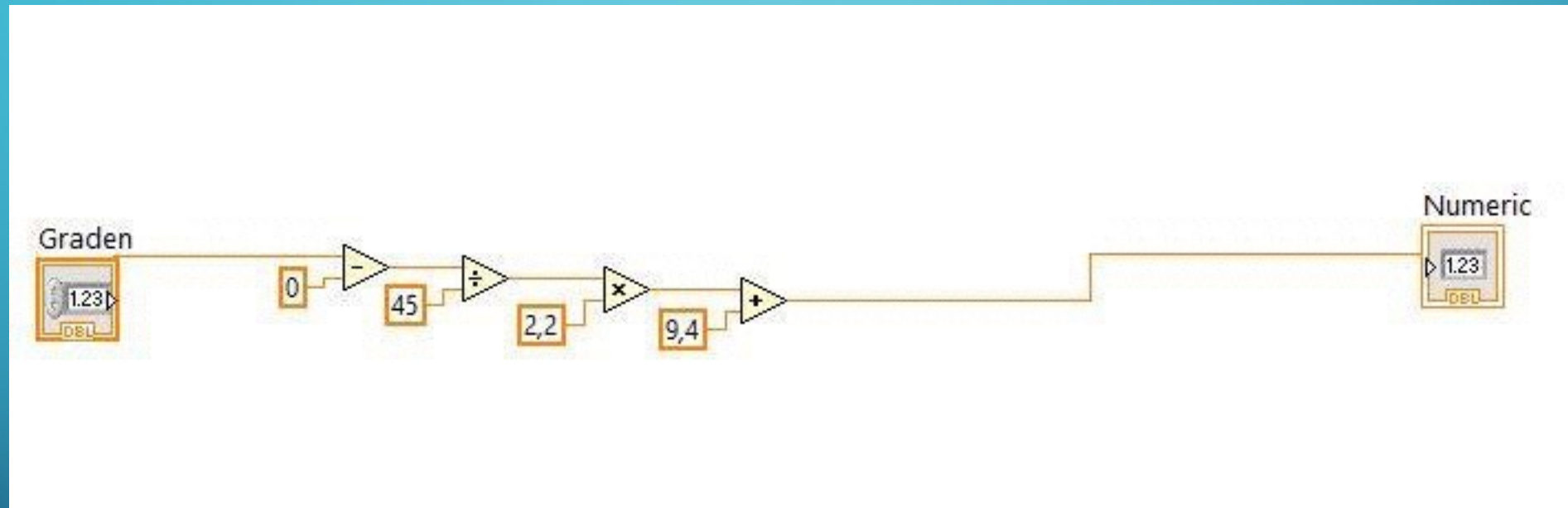
- Aansturen
- 4 servomotoren
- Hetzelfde principe



Length of arms "a" (cm)
11
Length of arms "b" (cm)
31,5
Length of base "r" (cm)
7,3
Length of platform "h" (cm)
3
Phi (deg)
0 0 120 -120
Upper limit of Theta
45
Lower limit of Theta
-45



PROGRAMMACODE-WISKUNDE



FILMPJE & DEMO



PXL

The image shows the PXL logo in white on a black background. The letter 'P' contains a small heart icon. The entire logo is centered within a black rectangular frame.

The background is a blue gradient with decorative circuit-like lines in the corners. The text is centered and reads:

DANK U VOOR DE AANDACHT

ZIJN ER NOG VRAGEN?