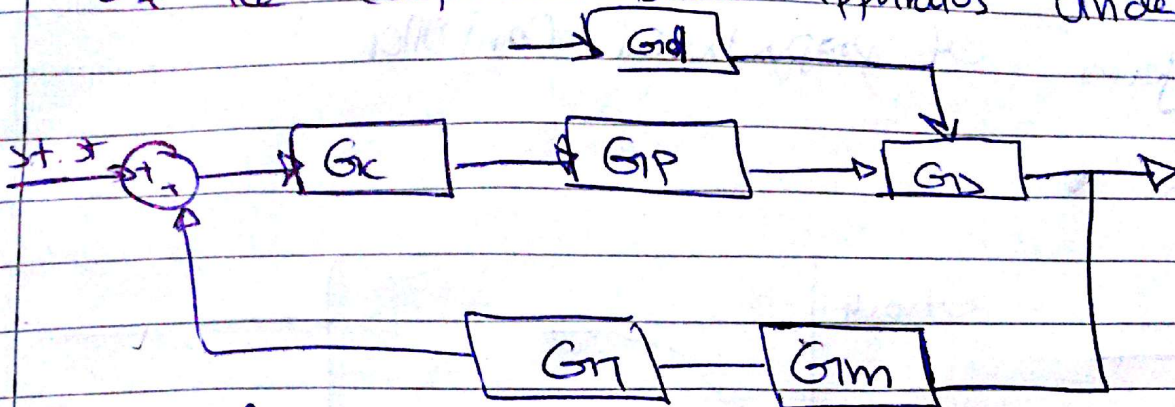


Level Control

Objectives:

investigate the steady state and transient conditions of the coupled tank apparatus under P & PI



Part A

1) Pump calibration: (variable speed)
flow rate vs. voltage

Slope = G_p : pump calibration

2) Depth sensor calibration

graph voltage vs level (T_2)

Slope = G_d : depth sensor character

3) steady state operating levels