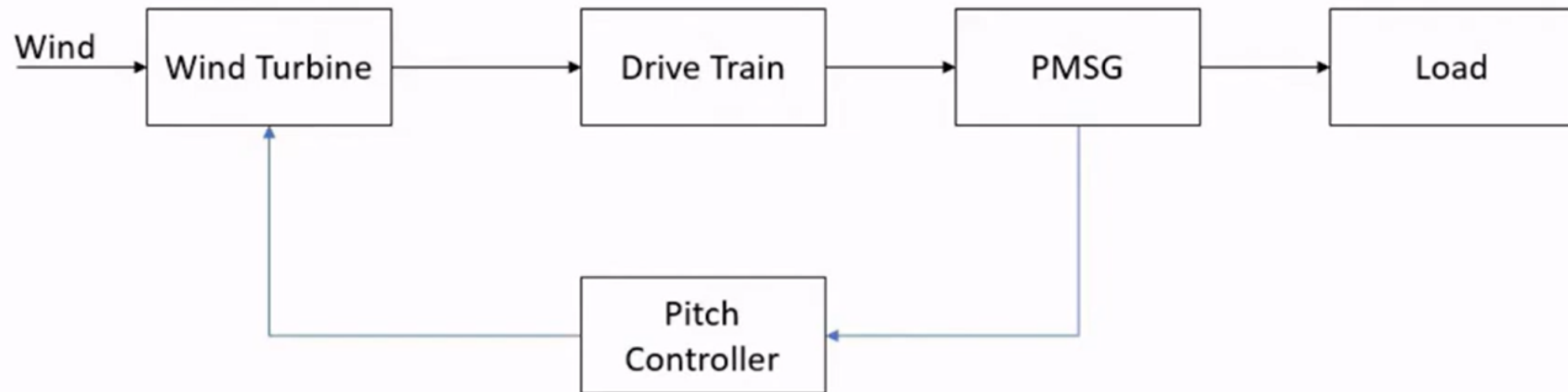


Design and Control of the Pitch of Wind Turbine using MATLAB Simulink

Shweta Sandesh Thorat
20JE0945

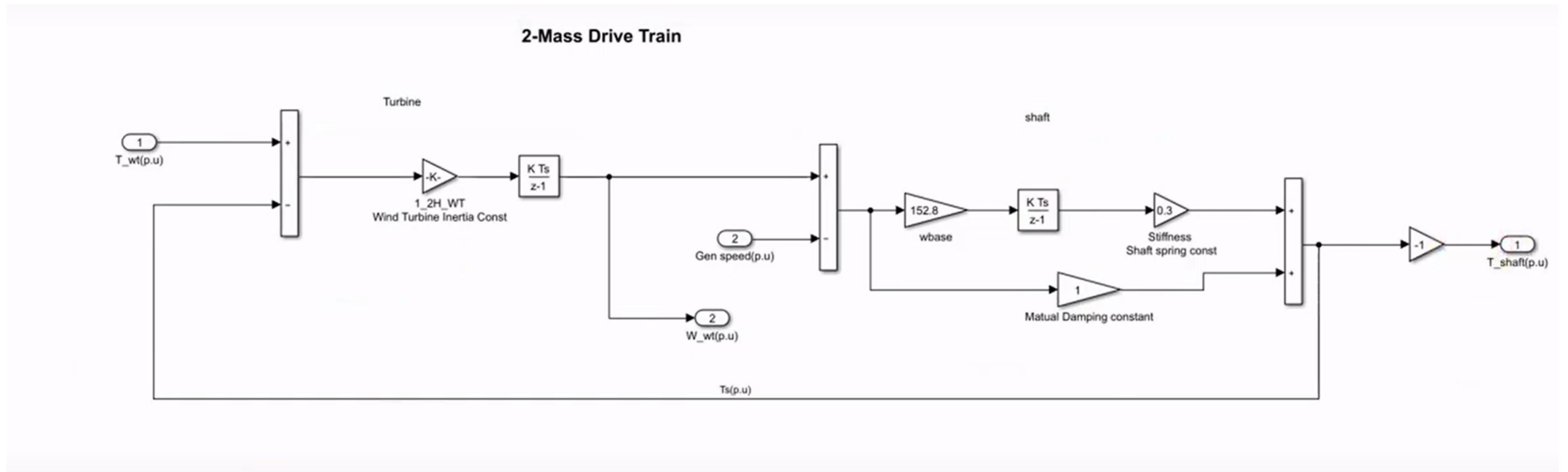
Control Design:



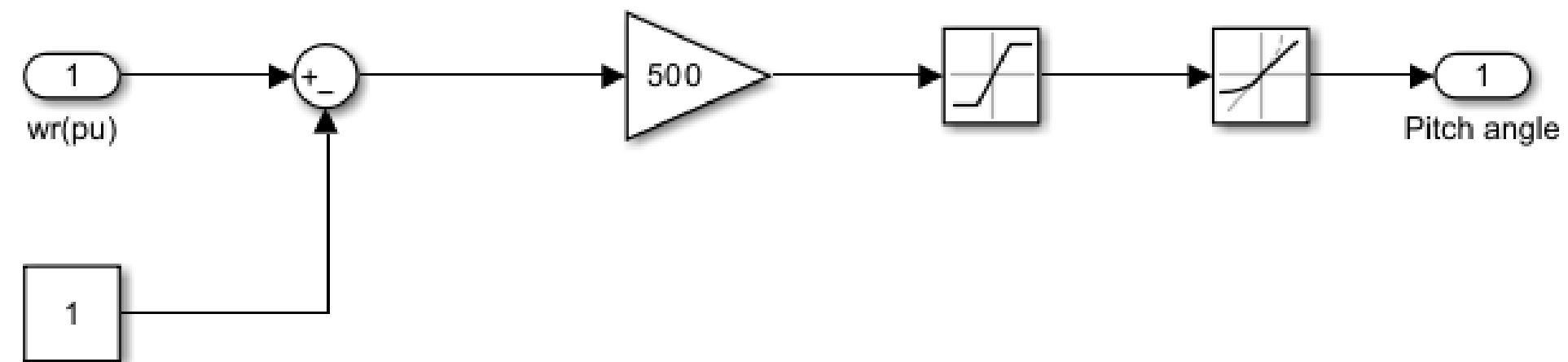
Components Used:

- Wind Turbine
- Drive Train
- Generator(PMSG)
- Pitch Controller

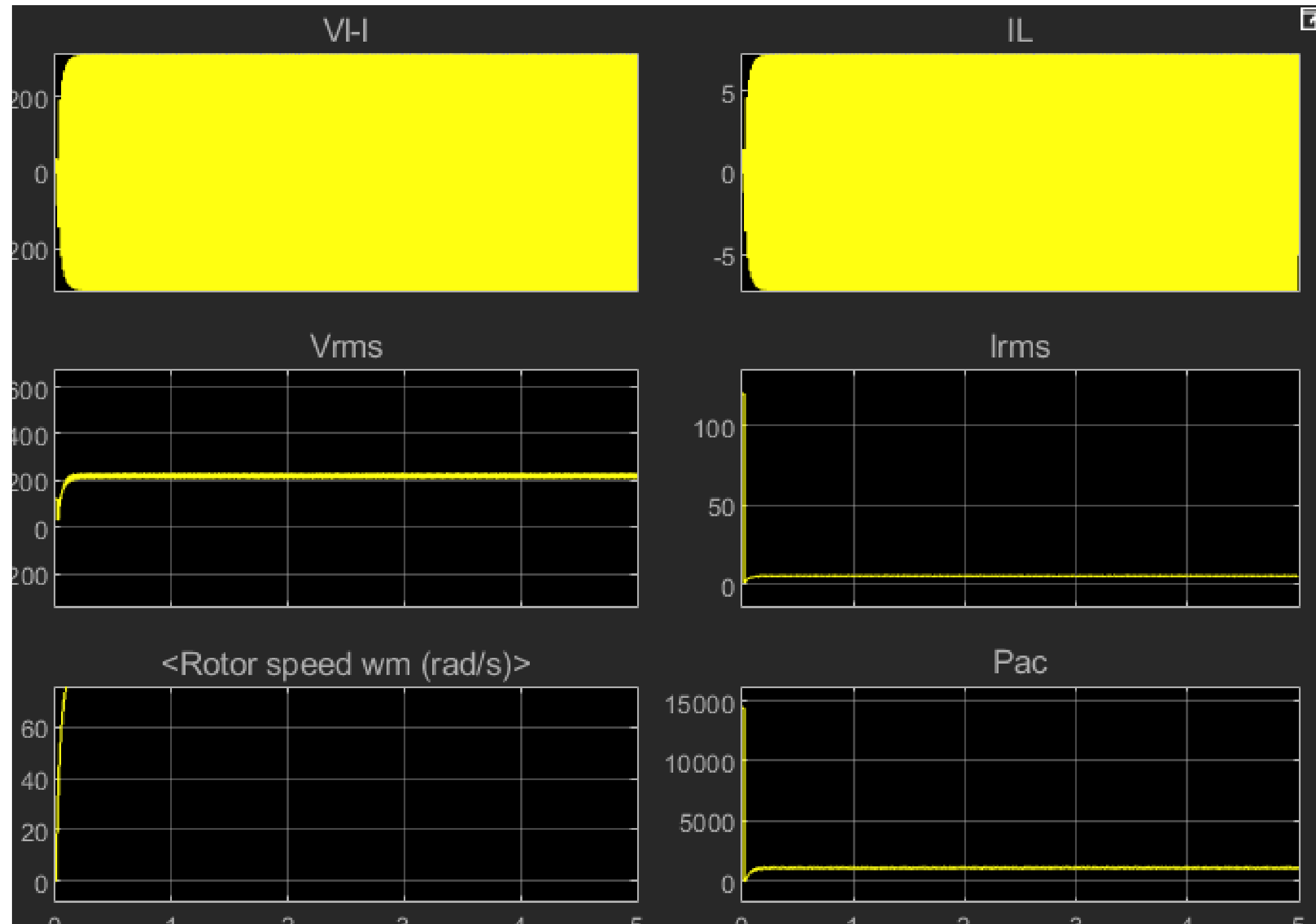
Drive Train Control Scheme:



Pitch Controller Control Scheme:



Output Waveforms:



Output across Pitch Controller for Variable speed:

