The general controller equation for 2P2Z and PID is

Diagram

Description automatically generated

For 2P2Z (from CC forward ppt),

Text

Description automatically generated

a0\_cv\_F = 0.2451;

a1\_cv\_F = -0.2588;

a2\_cv\_F = 0.0839;

b1\_cv\_F = -0.5959;

b2\_cv\_F = -0.4041;

The general controller equation for PI is

Compare with ,

For PI (from CC forward ppt),

A picture containing text

Description automatically generated

a0\_cv\_F = 0.2835;

a1\_cv\_F = -0.2188;

a2\_cv\_F = 0.0;

b1\_cv\_F = -1;

b2\_cv\_F = 0.0;