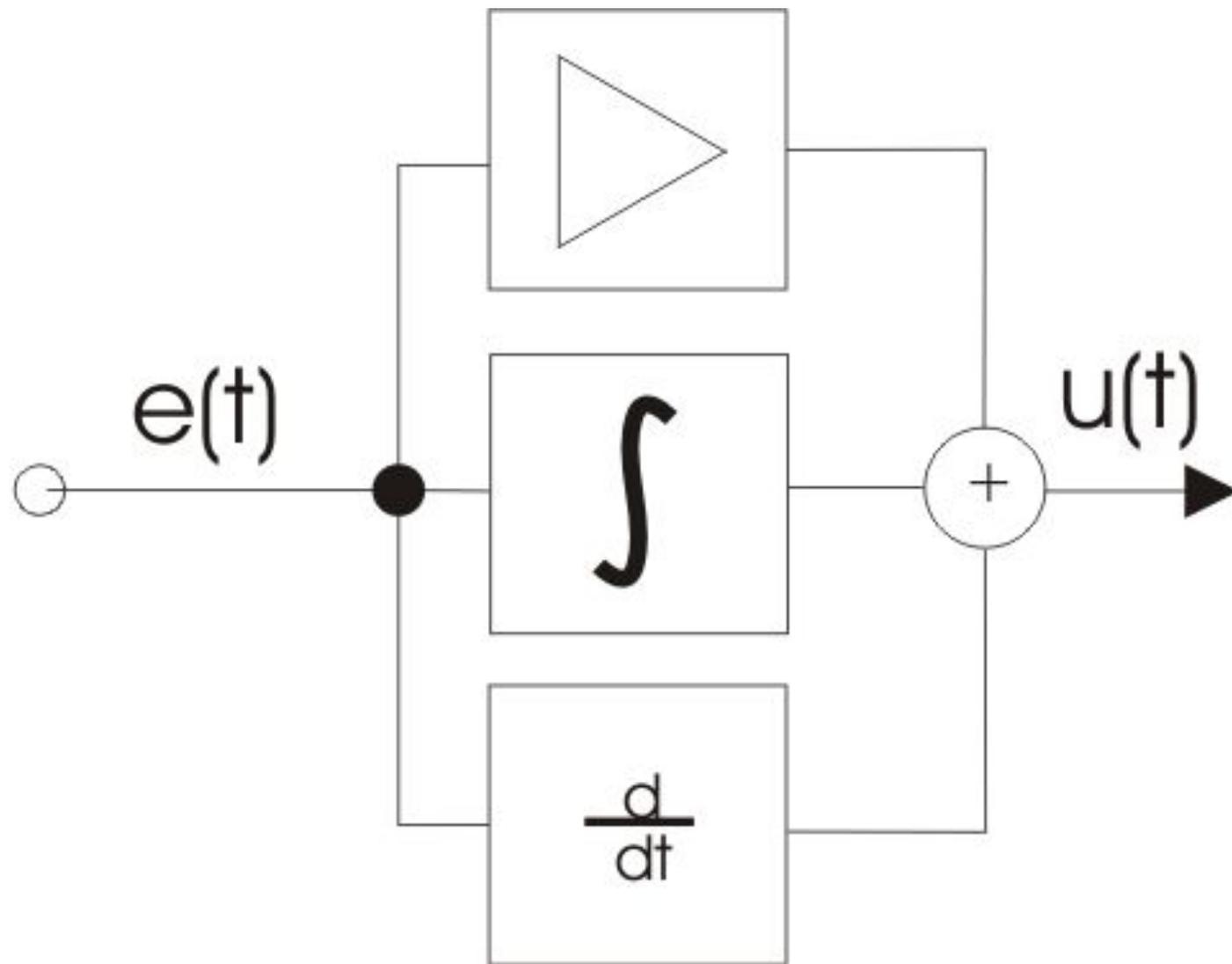
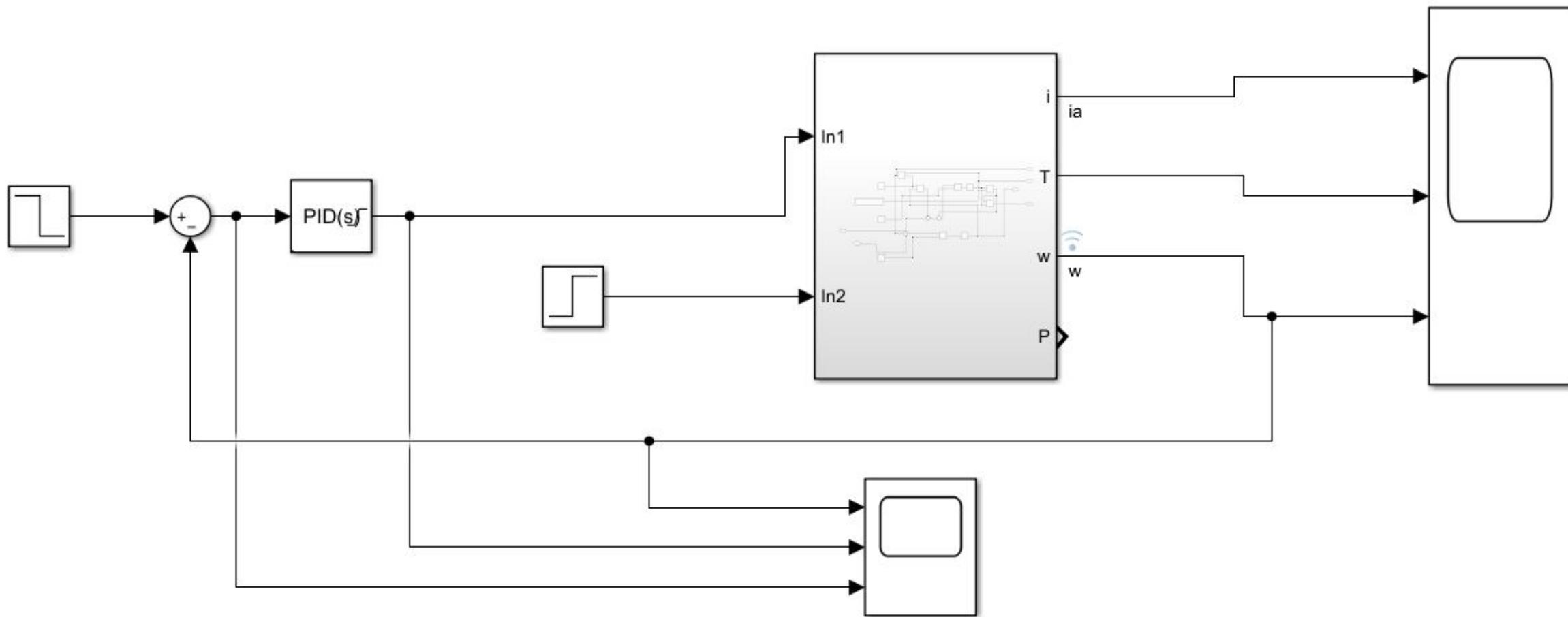


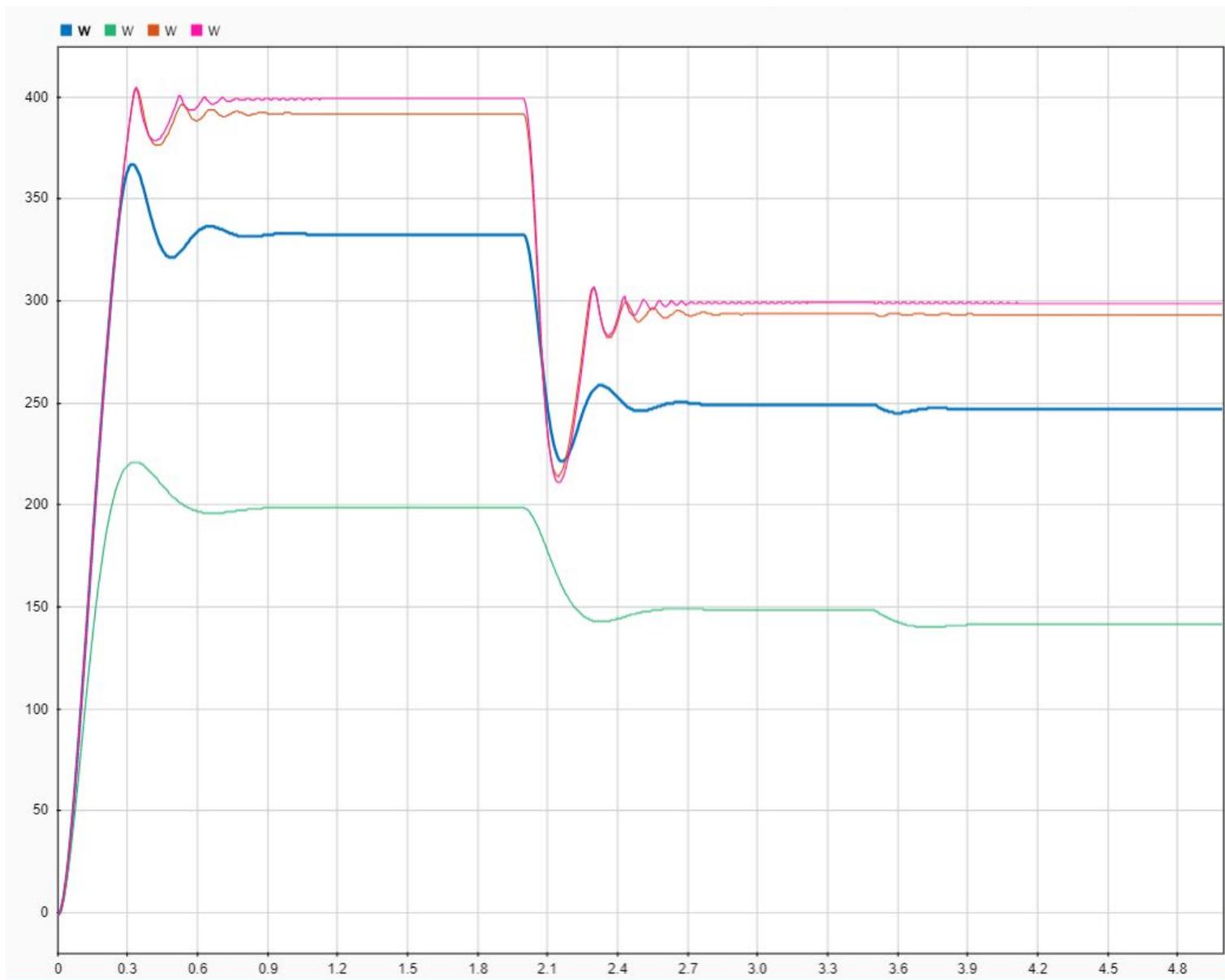
ШИМ



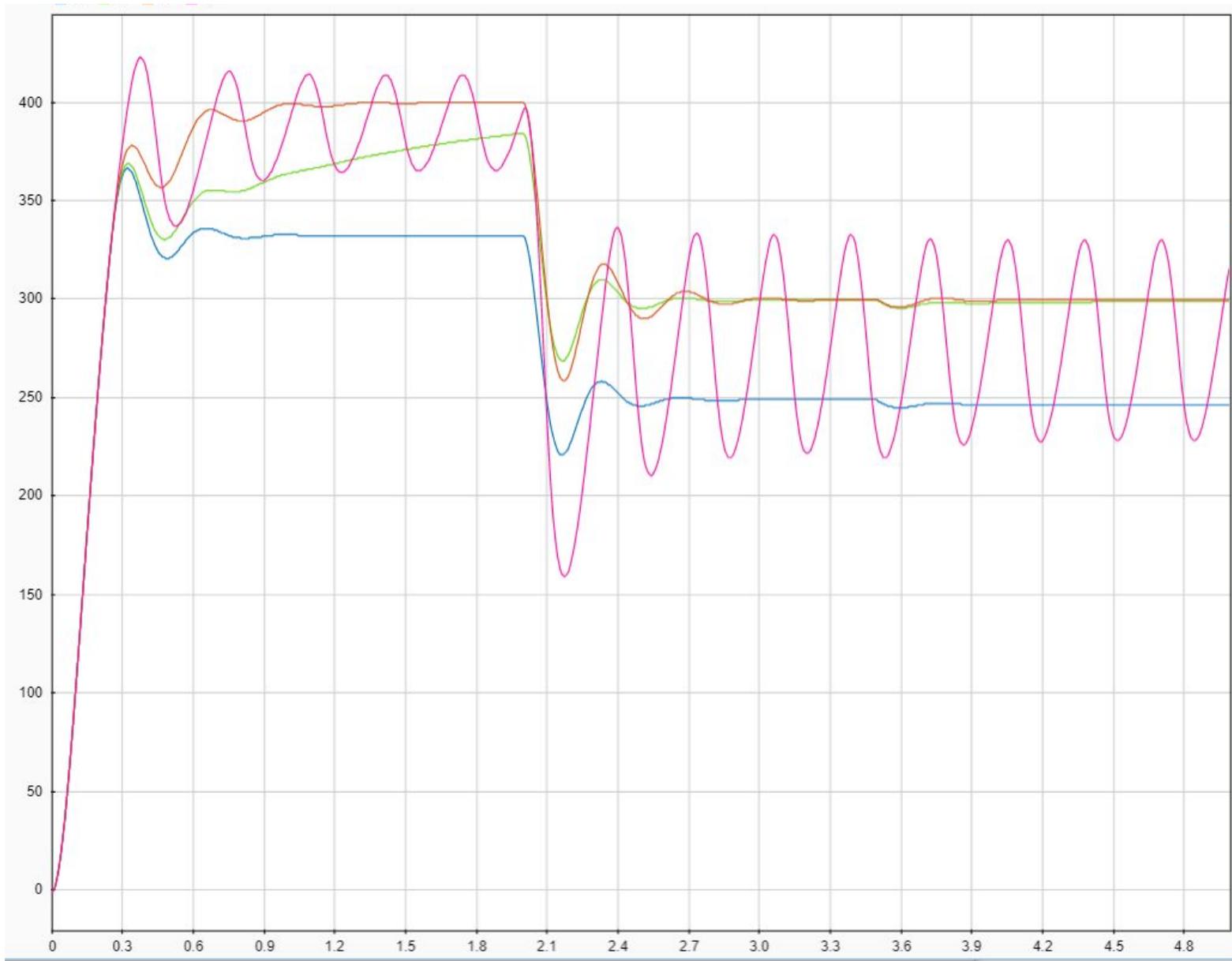
ПИД-регулятор



ПИД-регулятор



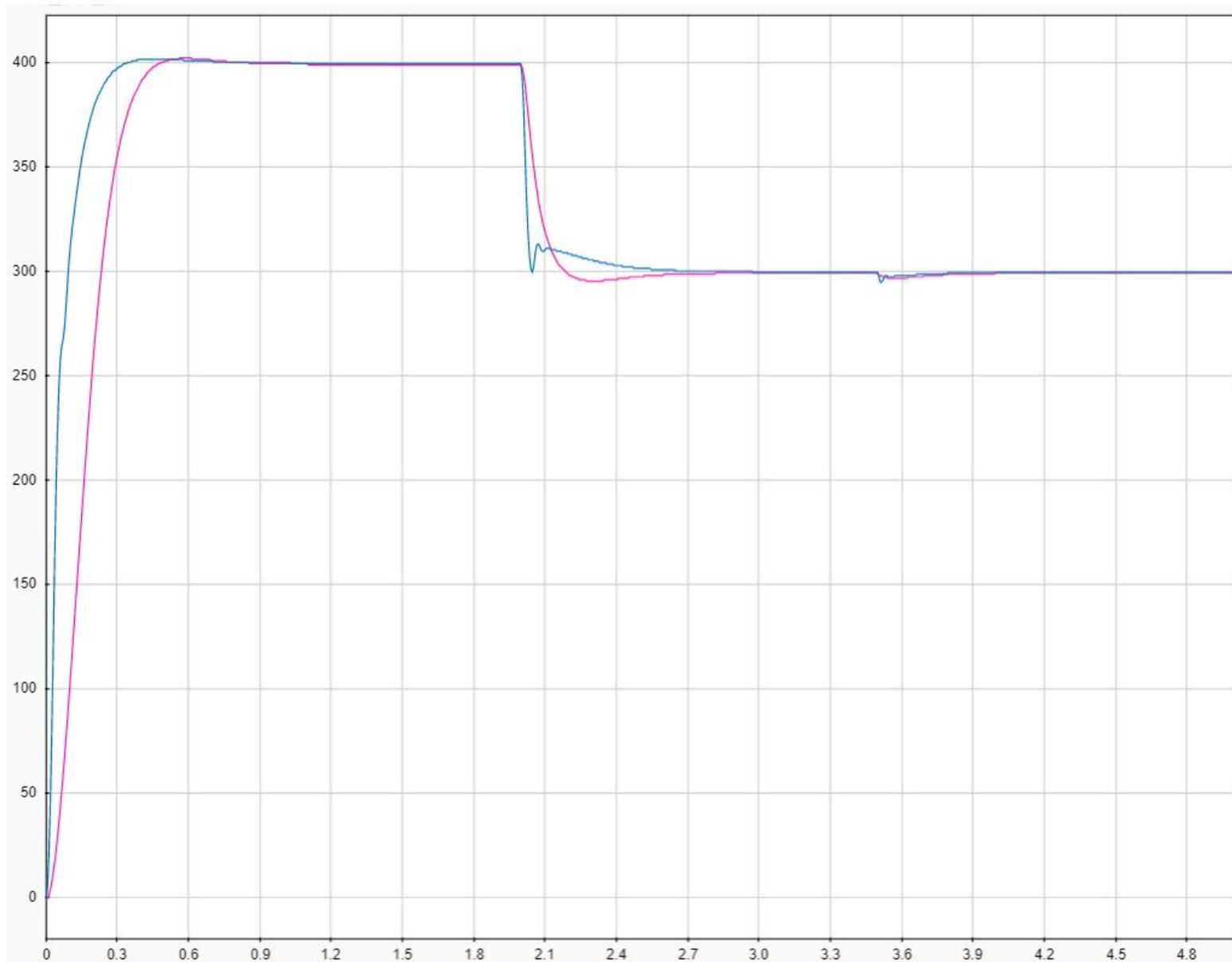
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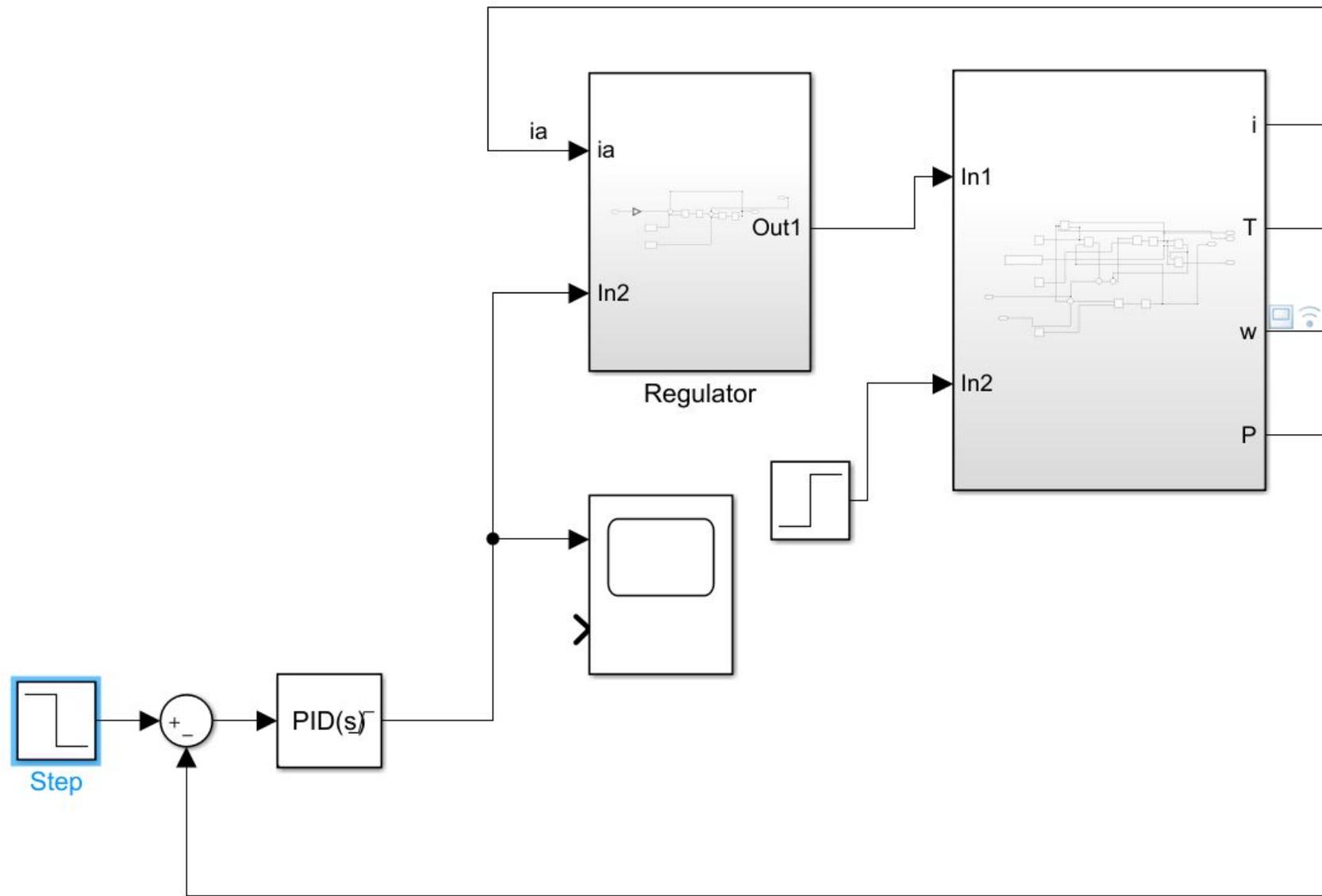
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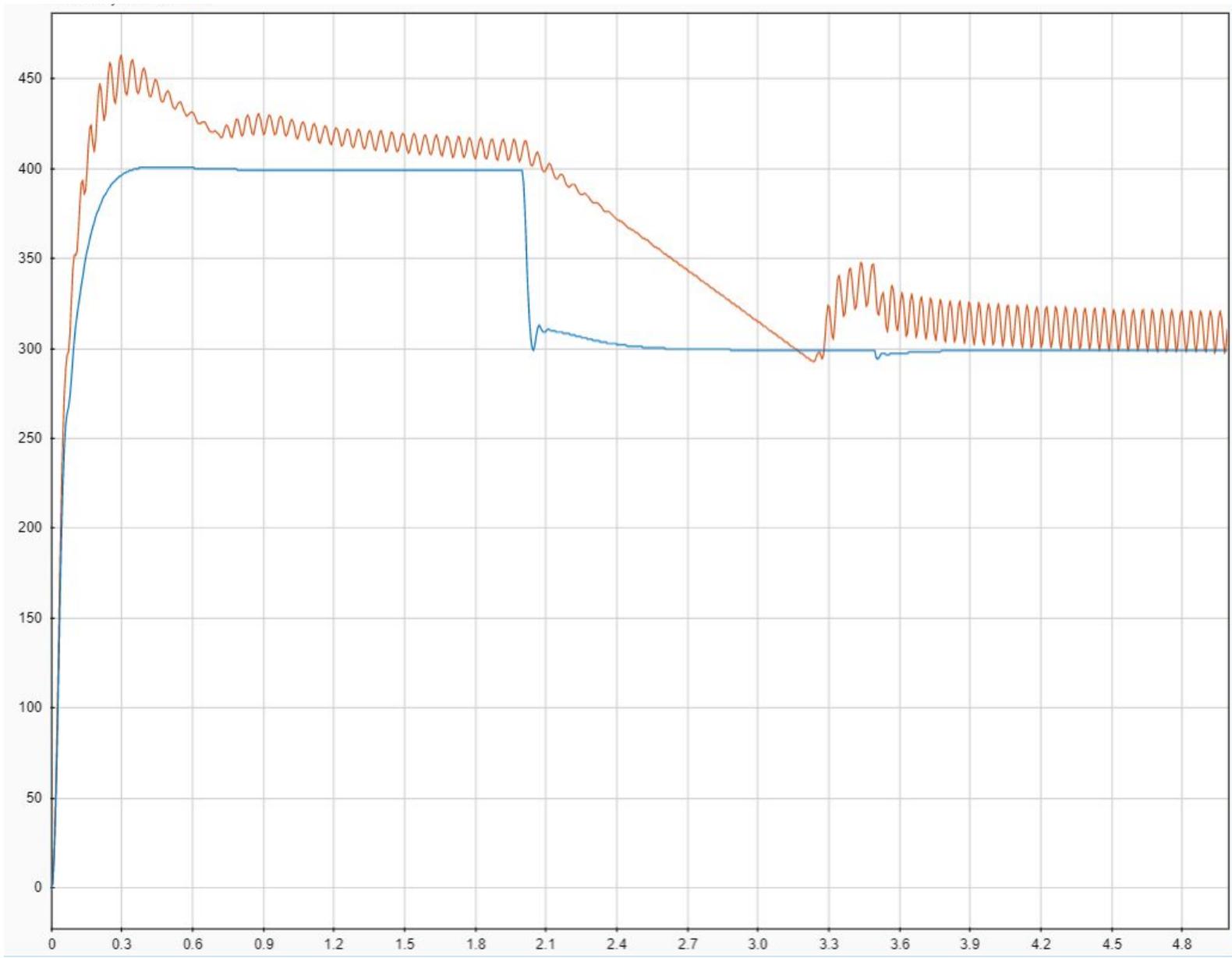
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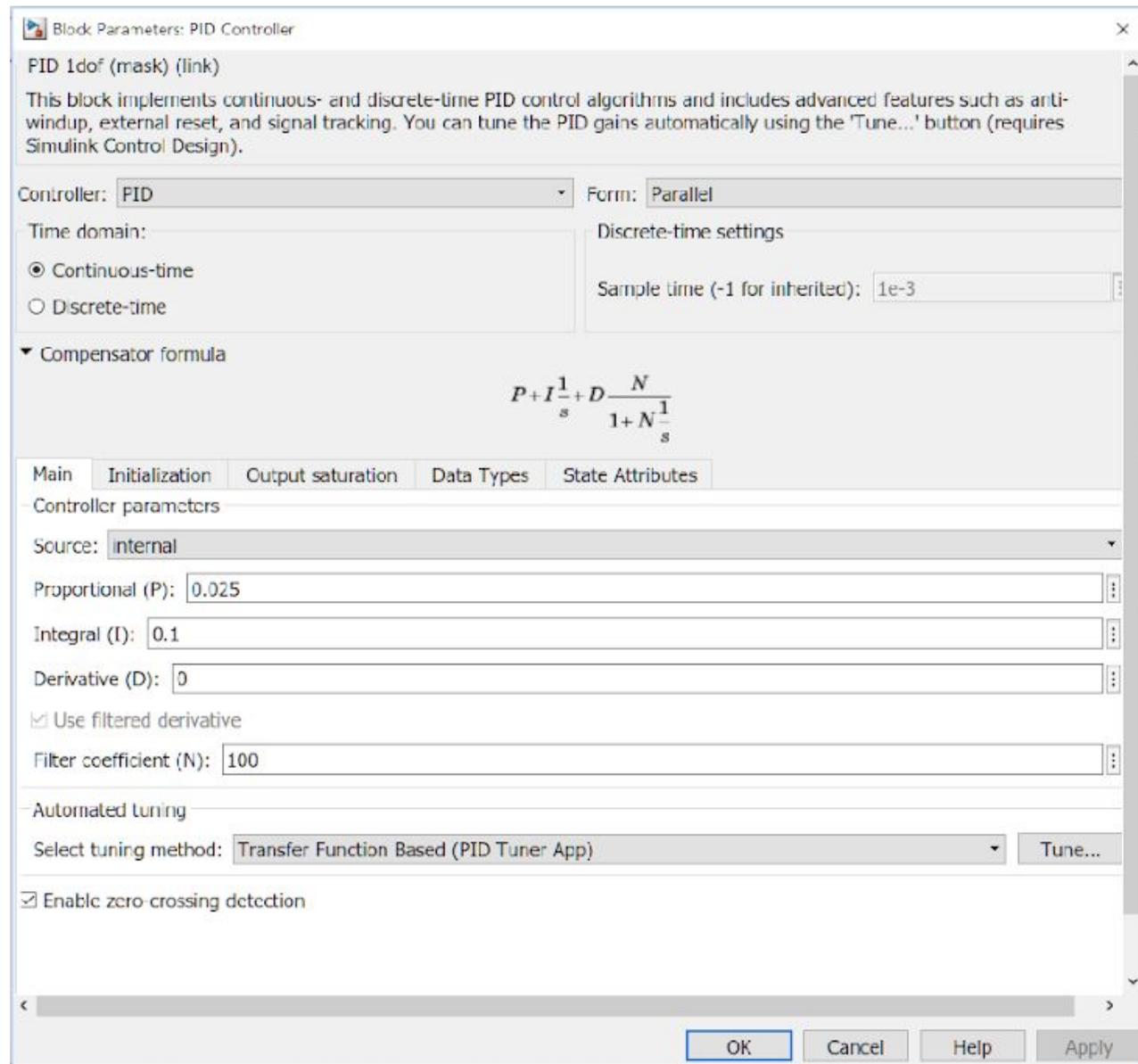
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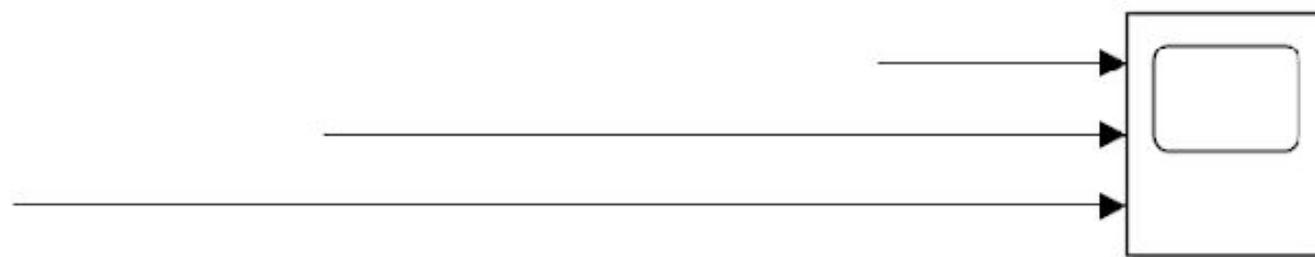
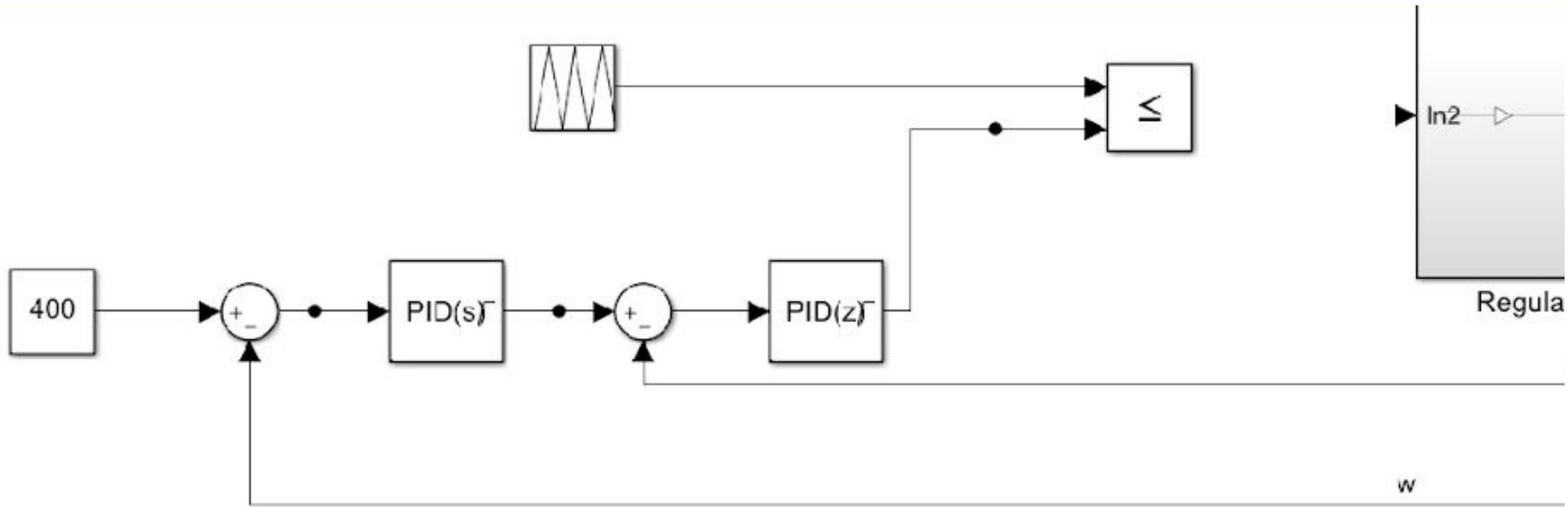
Работа с регулятором напряжения



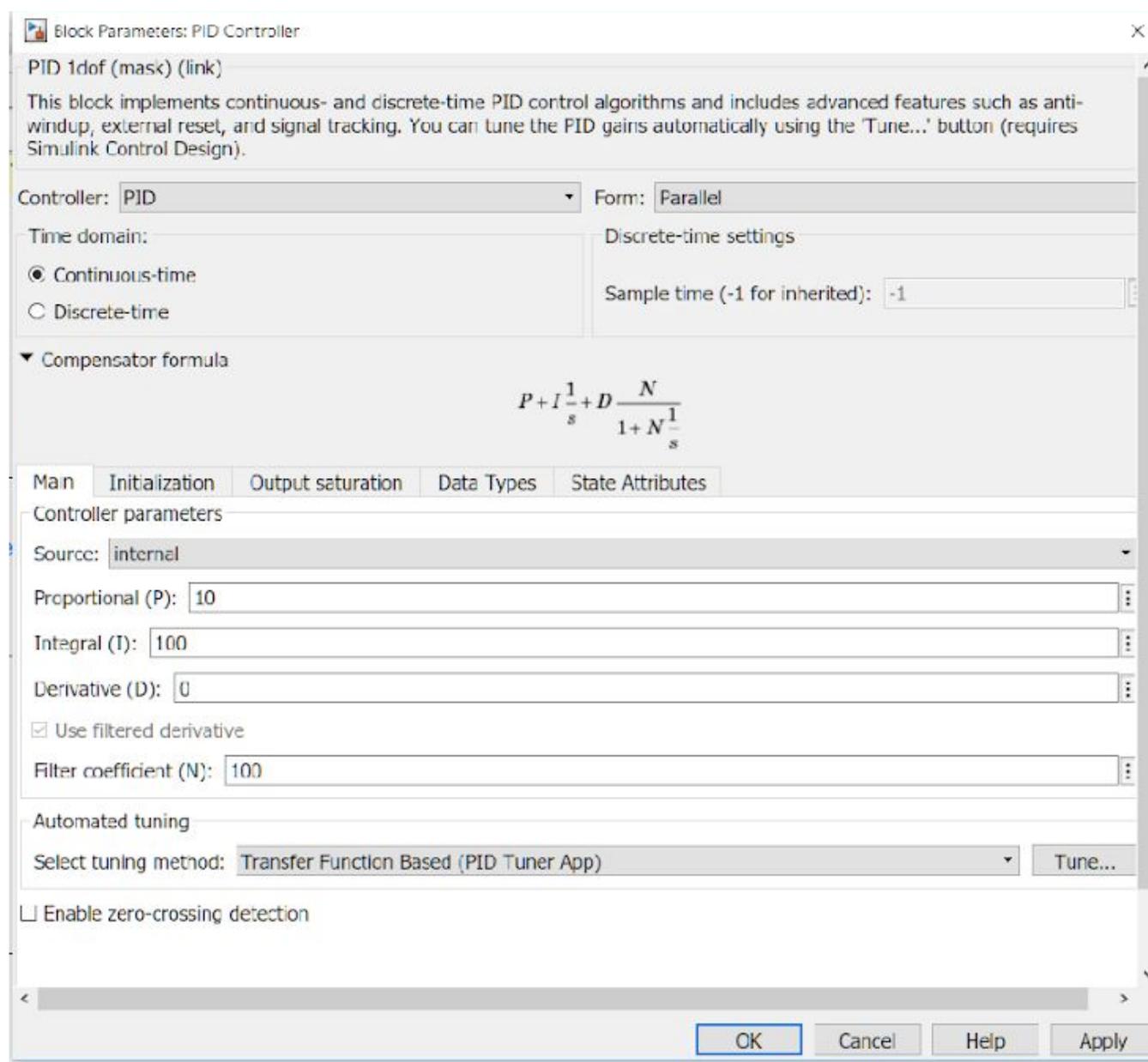
Работа с регулятором напряжения



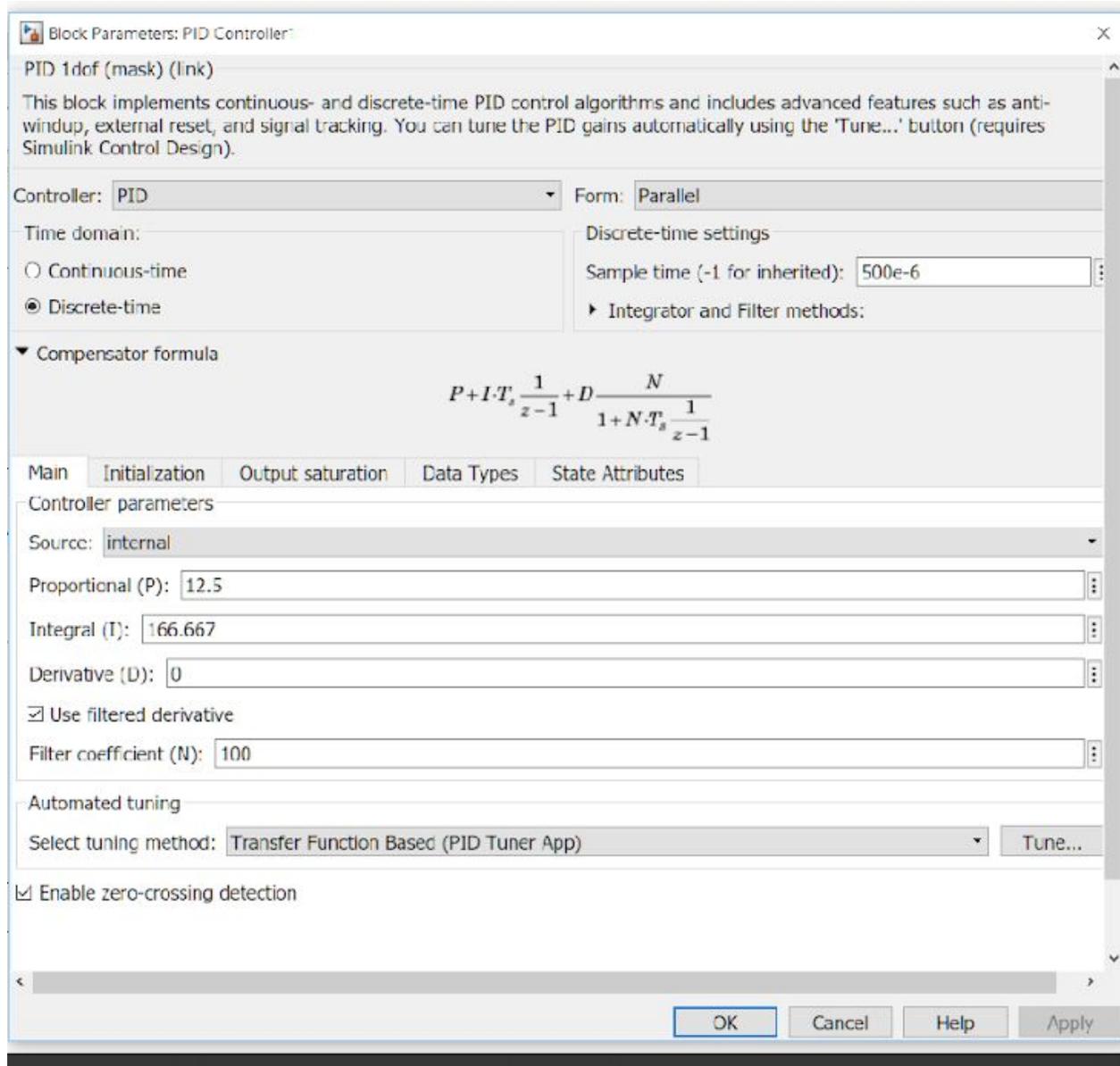
Настройка ПИ-регулятора



Двухконтурное скорости



Настройка ПИ-регулятора по частоте вращения



$$k_p = \frac{L}{U_{dc} \cdot T}$$

$$k_i = k_p \cdot \frac{R}{L}$$

Настройка ПИ-регулятора по току