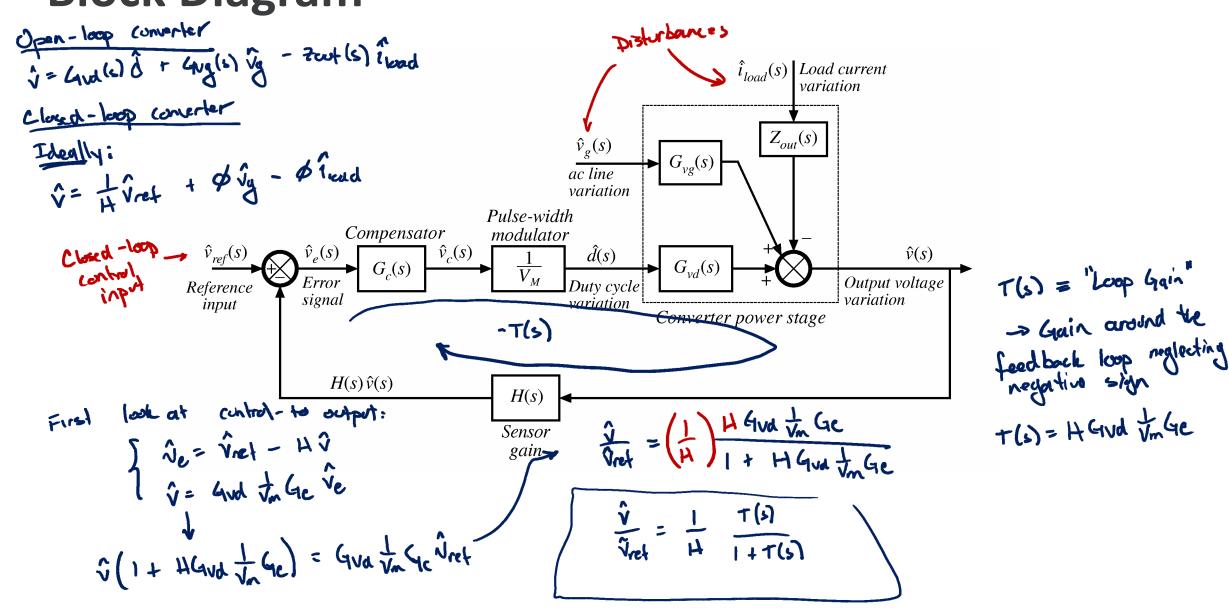
## **Block Diagram**

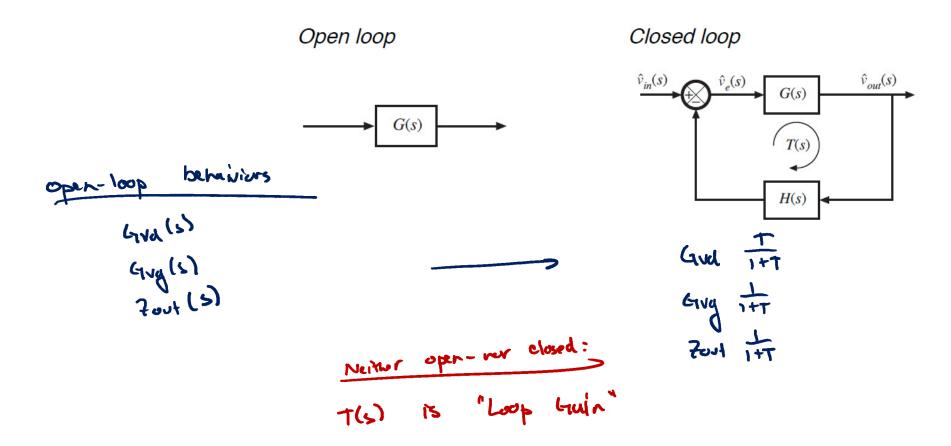


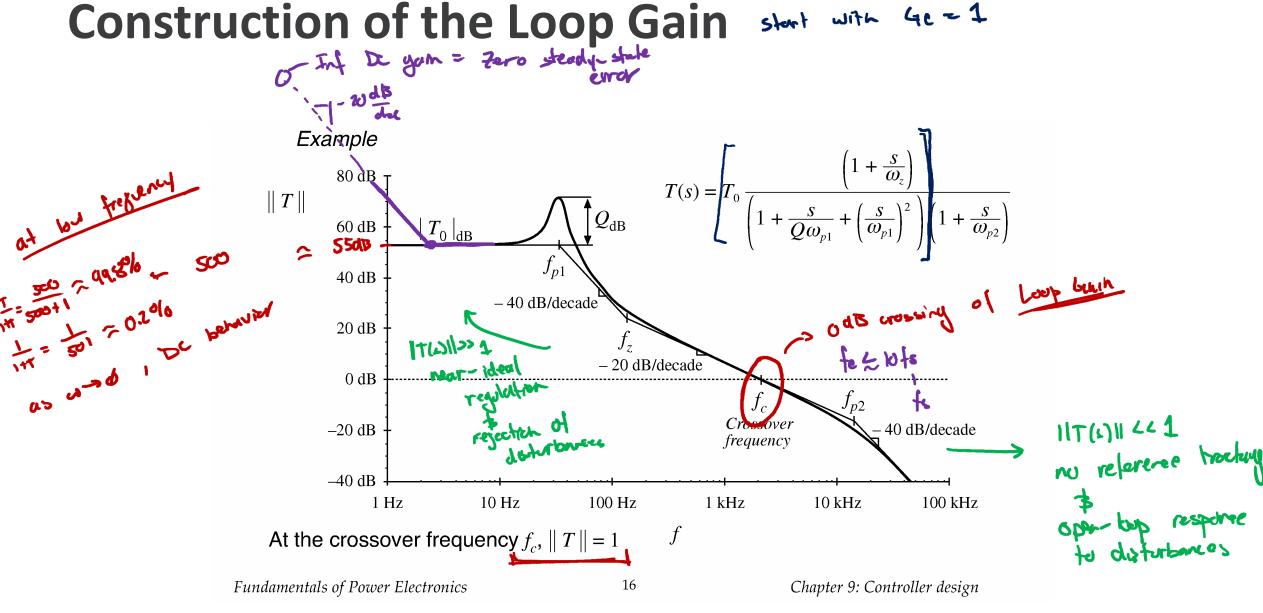
# **Closed-Loop Transfer Functions**

Disturbance to coupt (e.g. 
$$\hat{V}_{y} \rightarrow \hat{v}$$
)

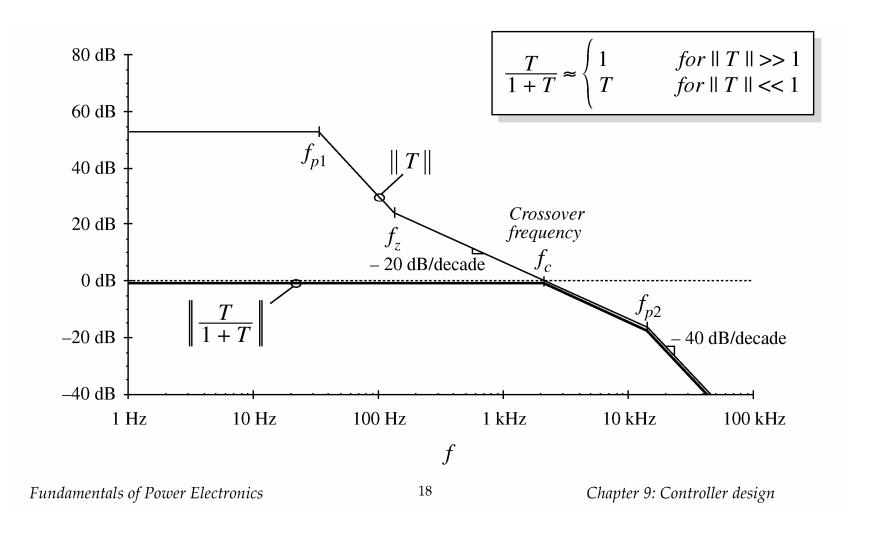
 $\hat{V} = G_{1} g^{2} g^{2} - \hat{v} G_{2} g^{2} g^{$ 

## **Open-Loop and Closed-Loop**





## **Tracking of Reference**



### **Rejection of Disturbances**

