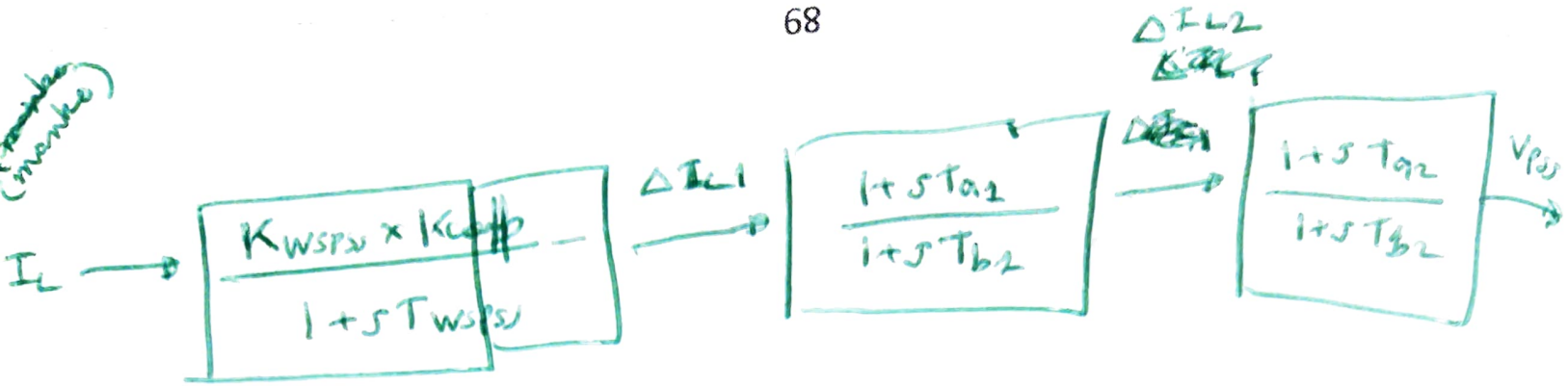

$$\underset{\text{delta\_}I_{L2}}{(\dot{\Delta I}_{L_1})} = \frac{1}{T_{WPSS}} \left\{ -\Delta I_{L_1} + K_{WPSS} \times K_{comp} \times I_L \right\}$$

$$I_L = y_{73}(V_7 - V_3)$$

$$-Y_{bus}(7,8)$$

$$\Delta I_{L_1} \cdot (1+sT_{a_1}) = (1+sT_{b_1}) \cdot \Delta I_{L2}$$

$$\Delta I_{L_1} + T_{a_1}(\dot{\Delta I}_{L_1}) = \Delta I_{L2} + T_{b_1} \cdot (\dot{\Delta I}_{L2})$$

$$\underset{\text{delta\_}I_{L2}}{(\dot{\Delta I}_{L2})} = \frac{1}{T_{b_1}} \left\{ -\Delta I_{L2} + \Delta I_{L1} + T_{a_1} \cdot (\dot{\Delta I}_{L1}) \right\}$$

$$\underset{V\_PSS}{\dot{V}_{PSS}} = \frac{1}{T_{b2}} \left\{ -V_{PSS} + \Delta I_{L2} + T_{a_2}(\dot{\Delta I}_{L2}) \right\}$$