


$$R_{Z4} = \frac{R_D/3 + R_{Z3}}{2}$$

$$R_{Z3} = \frac{R_A \cdot (R_S + R_{Z2})}{R_A + R_S + R_{Z2}}$$

$$R_{Z2} = \frac{R_A \cdot R_{Z1}}{R_A + R_{Z1}}$$

$$R_{Z1} = \frac{R_1 + R_2}{2}$$

$$U_{GG} = 2 \cdot U_G \cdot \frac{R_{Z4}}{R_G + R_D/3 + R_{Z4}}$$

$$U_A = U_{GG} \cdot \frac{R_{Z3}}{R_D/3 + R_{Z3}}$$

$$U_D = U_A \cdot \frac{R_{Z2}}{R_S + R_{Z2}}$$

$$U_{cap} = U_D \cdot \frac{R_2}{R_1 + R_2}$$