

$$A(1,1) = \frac{-1}{R_{e1} C_{e1}} - \frac{1}{R_{e2} C_{e2}}$$

$$A(1,2) = \frac{1}{R_{e2} C_{e1}}$$

$$A(2,1) = \frac{1}{R_{e2} C_{e2}}$$

$$A(2,2) = \frac{-1}{R_{e2} C_{e2}} - \frac{1}{R_{e3} C_{e2}}$$

$$A(3,3) = \frac{-1}{R_{i1} C_i} - \frac{1}{R_{i2} C_i}$$

$$A(3,5) = \frac{1}{R_{i2} C_i}$$

$$A(2,5) = \frac{1}{R_{e3} C_{e2}}$$

$$A(4,4) = \frac{-1}{R_{f1} C_f} - \frac{1}{R_{f2} C_f}$$

$$A(4,5) = \frac{1}{R_{f2} C_f}$$

$$A(5,2) = \frac{1}{R_{e3} C_2}$$

$$A(5,3) = \frac{1}{R_{i2} C_2}$$

$$A(5,4) = \frac{1}{R_{f2} C_2}$$

$$A(5,5) = \frac{-1}{C_2} \left[ \frac{1}{R_{e3}} + \frac{1}{R_{i2}} + \frac{1}{R_{f2}} + \frac{1}{R_w} + \frac{1}{R_c} \right]$$

$$B(1,1) = \frac{1}{R_{e1} C_{e1}}$$

$$B(1,5) = 1/C_{e1}$$

$$B(3,4) = \frac{1}{R_{i1} C_i}$$

$$B(4,2) = \frac{1}{R_{f1} C_f}$$

$$B(5,1) = \frac{1}{R_w C_2}$$

$$B(5,3) = \frac{1}{R_c C_2}$$

$$B(5,6) = B(5,7) = \frac{1}{C_2}$$