if I define all the variables on the right, the only unknowns remained should be Ctop and Rbot. I want to get all the expression with variables Ctop and Rbot and substitute all other symbols with real numbers.

$$Ccl := 20 \cdot 10^{-12} \qquad Cc := 10.5 \cdot 10^{-12}$$

$$f := 500000 \qquad \omega := 2 \cdot \pi \cdot f \qquad Rvesr := 442500$$

$$Vout := 3.3$$

$$Vref := 0.75$$

$$Vin := 12$$

$$Zcl := \frac{1}{i \cdot \omega \cdot Ccl} \qquad Zcc := \frac{1}{i \cdot \omega \cdot Cc}$$

$$Rtop(Rbot) := Rbot \cdot \left(\frac{Vout - Vref}{Vref} \right) \qquad Req(Rbot) := Rbot \cdot \frac{Rtop(Rbot)}{Rbot + Rtop(Rbot)}$$

$$Ztop(Ctop) := \frac{1}{i \cdot \omega \cdot Ctop} \qquad Zeq(Rbot, Ctop) := Zcc + Req(Rbot) \cdot \frac{Ztop(Ctop)}{Req(Rbot) + Ztop(Ctop)}$$

$$Ztot(Rbot, Ctop) := Rvesr + \frac{Zeq(Rbot, Ctop) \cdot Zcl}{Zeq(Rbot, Ctop) + Zcl}$$

$$Ton := \frac{Vout}{Vin \cdot f}$$

$$Vcl(R, C) := (Vin - Vout) \cdot \left(1 - e^{\frac{-Ton}{R \cdot C}} \right)$$

Made this a function of R and C because these aren't yet specified.

$$Vfb1(Rbot, Ctop) := Vcl(Rbot, Ctop) \cdot Req(Rbot) \cdot \frac{Ztop(Ctop)}{Zcc \cdot (Req(Rbot) + Ztop(Ctop)) + Req(Rbot) \cdot Ztop(Ctop)}$$

$$R := \mathrm{Re}(\mathrm{Ztot}(\mathrm{Rbot}, \mathrm{Ctop})) \left| \begin{array}{l} \text{assume}, \mathrm{ALL} > 0 \\ \text{simplify} \end{array} \right. \rightarrow 442500.0 - \frac{1.0 \cdot \left(7.2077768073098629401e19 \cdot \mathrm{Rbot}^2 - \right.}{5.0115689594749792489e56 \cdot \mathrm{Ctop}^2 \cdot \mathrm{Rbot}^2 +}$$

$$C := \frac{1}{\omega \cdot \left| \mathrm{Im}(\mathrm{Ztot}(\mathrm{Rbot}, \mathrm{Ctop})) \right|} \left| \begin{array}{l} \text{assume}, \mathrm{ALL} = \text{real} \\ \text{simplify} \end{array} \right. \rightarrow \frac{3.1904638901853977782e88 \cdot \mathrm{Ctop}^2 \cdot \mathrm{Rbot}^2 + 4.3}{\left| 1.046053734487015665e99 \cdot \mathrm{Ctop}^2 \cdot \mathrm{Rbot}^2 + 1.8 \right.}$$

$$\mathrm{Re}(\mathrm{Vfb1}(\mathrm{Rbot}, \mathrm{Ctop})) \left| \begin{array}{l} \text{assume}, \mathrm{All} = \text{real} \\ \text{simplify} \end{array} \right. \rightarrow -\mathrm{Re}\left[\frac{(-0.00000213991055302648365091 86i) \cdot \mathrm{Rbot} + (0.0}{(2.45966730232929155278e\text{-}7i) \cdot \mathrm{Rbot} + (23425.40287} \right.$$

$$\mathrm{Im}(\mathrm{Vfb1}(\mathrm{Rbot}, \mathrm{Ctop})) \left| \begin{array}{l} \text{assume}, \mathrm{All} = \text{real} \\ \text{simplify} \end{array} \right. \rightarrow -\mathrm{Im}\left[\frac{(-0.00000213991055302648365091 86i) \cdot \mathrm{Rbot} + (0.0}{(2.45966730232929155278e\text{-}7i) \cdot \mathrm{Rbot} + (23425.40287} \right.$$

variables need to be defined: Ccl, Vin, Vout, Vref, Cc, ω, Rvesr, f, Ton

Remember Mathcad works left-to-right, top-to-bottom

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$$\frac{7.788012576198740286e42 \cdot Rbot + 1.3680327868852459016e31 \cdot Ctop \cdot Rbot^2 + 1.1438185860691173225e29)}{\cdot\ 6.901176927801610769e45 \cdot Ctop \cdot Rbot^2 + 2.375815007931702068e34 \cdot Rbot^2 + 8.5039653929942814098e43}$$

$$\frac{3934256848454657929e77 \cdot Ctop \cdot Rbot^2 + 1.5124908095369636336e66 \cdot Rbot^2 + 5.413792512709808849e75}{18590140038491988e88 \cdot Ctop \cdot Rbot^2 + 7.5624540476848181681e76 \cdot Rbot^2 + 1.7750139385933799505e86}\Bigg|$$

$$\frac{0000213991055302648365091 86i) \cdot Rbot \cdot e^{\frac{\frac{1}{Ctop}}{Rbot} \cdot -5.5e\text{-}7}}{9326586217i) \cdot Ctop \cdot Rbot + 0.00964963653736550204227}\Bigg]$$

$$\frac{0000213991055302648365091 86i) \cdot Rbot \cdot e^{\frac{\frac{1}{Ctop}}{Rbot} \cdot -5.5e\text{-}7}}{9326586217i) \cdot Ctop \cdot Rbot + 0.00964963653736550204227}\Bigg]$$