- Location of pole and toos:

$$\frac{f_{SW}}{2} = 20 \text{ LHz}$$

fese = 32,26HZ

At crossover freq

$$\frac{1}{100} = \frac{100}{100}$$

$$R_2 = \frac{|G(j\omega_{crossover})|R_1}{\sqrt{K}} = \frac{1.862 \times 1000}{\sqrt{42.212}} = 286.79 \text{ L}$$

$$9270 \text{ Senikelier}$$

$$C_1 = \frac{\sqrt{k}}{2\pi \left(\cos \cos k^2 \right)} = \frac{\sqrt{u_1 \cdot 2n^2}}{2\pi \left(\cos \cos k^2 \right)} = \frac{\sqrt{u_1 \cdot 2n^2}}{2\pi \left(\cos \cos k^2 \right)} = \frac{\sqrt{u_1 \cdot 2n^2}}{2\pi \left(\cos \cos k^2 \right)} = \frac{\sqrt{u_1 \cdot 2n^2}}{2\pi \left(\cos \cos k^2 \right)} = \frac{\sqrt{u_1 \cdot 2n^2}}{2\pi \left(\cos \cos k^2 \right)} = \frac{\sqrt{u_1 \cdot 2n^2}}{2\pi \left(\cos \cos k^2 \right)} = \frac{\sqrt{u_1 \cdot 2n^2}}{2\pi \left(\cos \cos k^2 \right)} = \frac{\sqrt{u_1 \cdot 2n^2}}{2\pi \left(\cos \cos k^2 \right)} = \frac{\sqrt{u_1 \cdot 2n^2}}{2\pi \left(\cos \cos k^2 \right)} = \frac{\sqrt{u_1 \cdot 2n^2}}{2\pi \left(\cos k^2 \right)} = \frac{u_1 \cdot 2n^2}}{2\pi \left(\cos k^2 \right)} = \frac{\sqrt{u_1 \cdot 2n^2}}{2\pi \left(\cos k^2 \right)} =$$

$$C_3 = \frac{\sqrt{k}}{2\pi} = \frac{\sqrt{41.212}}{2\pi f \cos s} = 125. nF$$
 $2\pi f \cos s R_1 = \frac{\sqrt{41.212}}{2\pi (6000) 1000} = 125. nF$

100 nF

Viret = Nove Phias

Phias Plan

2.7 =
$$17 \times \frac{26ias}{1 + 26ias} \Rightarrow 2002 = 26ias$$

The of compensator: (571.88×10^3) (575.708×10^3)
 $6(5) = -\frac{2.72}{12.20} \times (571.20) \times$

$$G(5) = -0.00343 \times 10^{9} \times \frac{\left(5^{2} + 17.788 \times 10^{3} + 76.7 \times 10^{6}\right)}{5^{3} + 7.116 \times 10^{7} \cdot 5^{2} + 12.608739 \times 10^{10}}$$