$$|-w_1^2 L_1 C_1| = \frac{w_1}{w_2} \left(\frac{w_2^2 L_1 C_1 - 1}{w_2} \right)$$

$$|-w_1^2 = \frac{w_1}{w_2} \left(\frac{w_2^2}{w_2^2} - 1 \right)$$

$$|-w_1^2 = \frac{f_1}{w_2} \left(\frac{f_2^2}{f_2^2} - 1 \right)$$

$$|-f_1^2 = \frac{f_1}{f_2} \left(\frac{f_2^2 - f_2^2}{f_2^2} - 1 \right)$$

$$|-f_2^2 - f_1^2 = \frac{f_1}{f_2} \left(\frac{f_2^2 - f_2^2}{f_2^2} - 1 \right)$$

$$|-f_2^2 - f_1^2 = \frac{f_1}{f_2} \left(\frac{f_2^2 - f_2^2}{f_2^2} - \frac{f_1^2}{f_2^2} \right)$$

$$|-f_2^2 - f_1^2 f_2 = \frac{f_1}{f_2} \left(\frac{f_2^2 - f_2^2}{f_2^2} + \frac{f_1^2}{f_2^2} \right)$$

$$|-f_2^2 - f_1^2 f_2 = \frac{f_1}{f_2} \left(\frac{f_2^2 - f_2^2}{f_2^2} + \frac{f_1^2}{f_2^2} \right)$$

$$|-f_2^2 - f_1^2 f_2 = \frac{f_1}{f_2} \left(\frac{f_2^2 - f_2^2}{f_2^2} + \frac{f_1^2}{f_2^2} \right)$$

$$|-f_2^2 - f_1^2 f_2 = \frac{f_1}{f_2^2} \left(\frac{f_2^2 - f_2^2}{f_2^2} + \frac{f_1^2}{f_2^2} \right)$$

$$|-f_2^2 - f_1^2 f_2 = \frac{f_1}{f_2^2} \left(\frac{f_2^2 - f_2^2}{f_2^2} + \frac{f_1^2}{f_2^2} \right)$$

$$|-f_2^2 - f_1^2 f_2 = \frac{f_1}{f_2^2} \left(\frac{f_2^2 - f_2^2}{f_2^2} + \frac{f_1^2}{f_2^2} + \frac{f_1^2}{f_2^2} \right)$$

$$|-f_2^2 - f_1^2 f_2 = \frac{f_1}{f_2^2} \left(\frac{f_2^2 - f_2^2}{f_2^2} + \frac{f_1^2}{f_2^2} + \frac$$

The feequency ob resonance of the individual ours should be the geometric mean of the two treats of cert-off.

point 16 flee & Tilfee is terminated in a lord R = RM. lord K-in leve 06 the circuit components the value of the circuit components ablevemined in terms 06 Ry fit 12 aletermined in terms 06 Ry fit 12 At loner cut-866 biez (WICI WIL, = 2R. (H-S) T 1- W12L1C1 = 2R if it is possible to obtain the justice $\frac{1-w_1^2L_1C_1=2kw_1C_1}{1-w_1^2}=4\pi R_1^2C_1$ bub $6 = A + F_2$ from Θ 1- fi = 4TRf(C) => f2-f- 4TRf(C)

1- f2-f- 2TTP () $\frac{f2}{f2-f1} = \frac{f2-f1}{4\pi k_1 + f2} = \frac{(1-6)^{1/3}}{(1-6)^{1/3}}$ $C_1 := 42-f1$