## ELestronik

Aufgabe 4

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Blindleistung: Po: m(P) = UlI = ZTSI2 - 34,80

\* lmc=1I2

b) 
$$U(\omega) = \frac{|Ua|}{|Ua|(\omega)|} = \frac{1}{|1+\omega|^2 R^2}$$

c) 
$$Con = \frac{1}{RC} - C = \frac{1}{REG} = \frac{1}{2RGR}$$

Aufgabe 6)  $\begin{cases}
5 = 2,5 \text{ anh} \\
2 = R + i\omega c
\end{cases}$   $\begin{cases}
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\end{cases}$ 

CP = 2718 XR = 014 MF RP = 41,5 & JZ