M. Hasyim Abdollah P. 110 11960 95

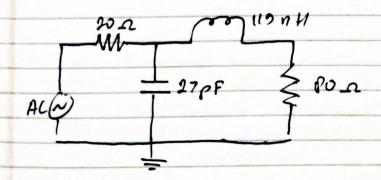
$$\frac{2}{2}_{LN} = \frac{\frac{2}{2}_{c}}{\frac{2}{3}_{o}} = \frac{60 + 520}{50} = 1,6 + 50,4$$

$$\frac{2}{3}_{SN} = \frac{2}{3}_{o} = \frac{20 + 540}{50} = 0,4 + 50,8$$

b.

$$X_{L} = X_{LN}$$
. $Z_{o} = 1,5$. $50 \cdot 2\pi f L$

$$L = \frac{1,5.50}{2.3,14.60000} = 119 \text{ nM}$$



NAME	TITLE	DWG. NO.
		DATE
SMITH CHART FORM ZY-01-N	COLOR BY J. COLVIN, UNIVERSITY OF FLORIDA, 1997	

NORMALIZED IMPEDANCE AND ADMITTANCE COORDINATES

