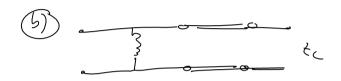
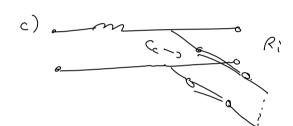
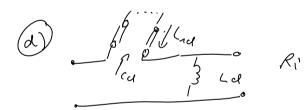
Aufgelse 4

1.1



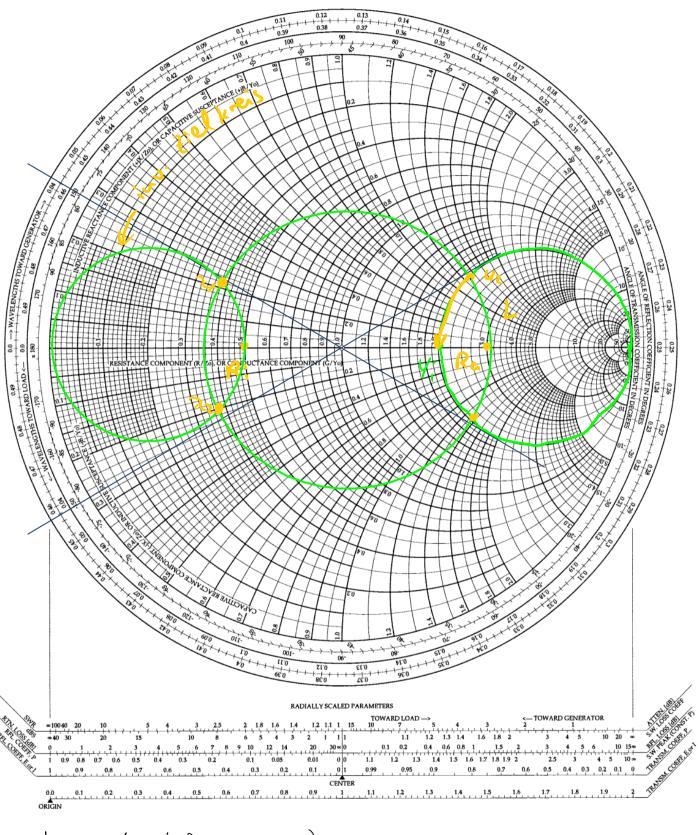






The Complete Smith Chart

Black Magic Design



L= (0,48-0,25)=0,23

it =-j 1,3

30,37 50,37 50,37 Stortpull Re = 3 Firel pull R1 = 0,5 I'm. Frelpoult 41' = 2 Firelkiers 4= 21; 5

"uver). Frelkrew (7-Cheu)

Stertpunkt über Leituy trensformieren

re(ze)=ra(za)e => Schnithnunth (3c) und (36) mit in a Frel kver

Z- 4: Knewt. Schnild nouth Ga und 45

=> hur ha kan about soldision eines neg- luaginicaleils (4c=-) (5/1)

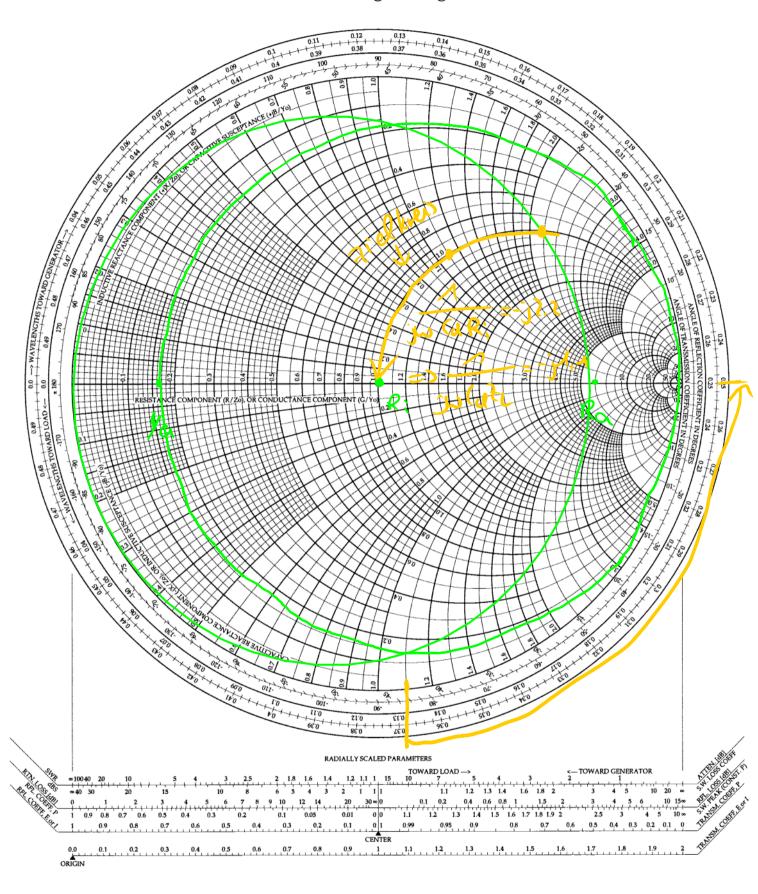
in den innert. Fiel much iber liter werden

Lab = (0,46-0,25) 2 = 0,21 7

j = -i / 3 $j = j \cdot 0, 37$

The Complete Smith Chart

Black Magic Design





Ri=501 = 7L

Ri=50
$$N$$
= 7 N

Ri=50 N = 7 N

Leiturs ollen:
$$\frac{1}{N} = (0.33 - 6.25)$$

$$\frac{1}{N} = (0.33 - 6.25)$$

$$\frac{Ri}{2L} = 1$$

$$\frac{2}{8} = 6 \qquad \frac{2}{8} = \frac{7}{6}$$

Stillertung kurzgeschlossen: L=0,368 7 offer (1=(0,367-0,25)) = G,113)

