In = In 19 I = I, 142+90° 5/4 = I/4 + I/6+90° 161600=1020144900+31118,两走右同路114 取实数据呈 15 cos4' -20 sin/= 16 cos4' 2000sy'=16siny'y 解肾  $I_1 = 5 \sin(\varphi)$ I;=4799FD9WA, J; 1140SA, I=57 45 I1 = 5 COSGY

:电流表A、比较加入人、传播的4A或A、为4799AA的1.404A

9.5.设流经电阻的电流为工人0 画相量图如图 İ,Ü,Ü, 时图到如· 了,=10/10, 下=10/10 /00°, 了=10/15/45° 100+62-25 NZ 2011 = 2 V=5M=Us : Us=5N1450 没了=110°= I=114/13/10° Vs= I.ZI+I.ZL = (4/0+10B)I. + (1050+50B)I,j 動相缝90 -- 410 +10 B=0 , B= -41 当cccs为城。 该 DIJIC= I: ZI JWC = In(HOOOWC+400)WC)

I=Icti = I2(-1000 WC+1 + 400 jwc) はニエシャエシ = Iz(+000WC+1+400jWc)(10+50j)+ Iz(400+j/000) -1000 ptc 11 1 400 ... -10000 WC+10-20000 WC+400=0 WC= 3000 = 1.367 X/0-45 设()= 8/0° Z'= 312 = 1+0.5jA 2/2=2'17=21, Y===0.55 I=1-21/2=13-11/A I= I-I= 1+11A 田相島的图

9-9. 设电路电流 I=I/0°, I=UC=IA DU=I Jax TIMZX U=100V Q=150° \$ \$530°, U=100V < U=100 N3V, U=60°, V=30° 解得: = 100或1009 : 3x = 100/60° \$5/20060- 3 Zx = 50 1 )50NB 5 8x=100 tiloons Z= 2x12c z = 50-j5013pti /001