18 16=210/0° 当分份时 I=10/8, 1220.10.00s(0-19) = 1000 005年 五二生二江上日二江出,易知己为客性阻抗,艺二十月月 河便, COS 42=20, 42=152.70 Zitzi=Us - 55/42 = 55/4 0 = 11.11+14.58 i&I=4/0° U1= 17118 7= 17/X4 COS (4,-0%= 24av 0,=±69.46, 2,=42.75/269:46 U=100/8, (1=240/42 Z=4 = 25LL Zz= U2=60/4, Z=2.72~ 25/9 = 42.75/169.46 + 60/82

25/9769.46 = 42.75/0° +60/40769.46 没句= 9769.46.41 911= 42769.46 25/P'= 42.75+60/8" 翻得. 4= + 7900 え=42.75/19.46°, えい=60/-90° ある=4215/-69.46°, そいら0190°. 9-18 18 In-II/le, In-Inlle 1& Is= 10/0° U= Is ju = 200/-90° = - 4000 由电路到为程 101,18 -(0.5X-1200) = 101,18 ING + I, 1/2 = 10/0° { I,= 5/45° 72 = 5M245 URL= IL R= 25 AR LES" U= VR2 + Uc= 05 3175) 150-150) 3=17=05=175×10 =(150-150)1VA -250-51750105 (1-21- 戴维宁等效电路

9.21. 当流过RC翻转的分电流最大时,有Pmovs I = Is | T+jwc T jwctr Bit=(inctr)(totim) = 2 + jwcp tiwcr = 2tj (wcr - wcr) 易知当WCD-WCR=volinas 解唱比图 W=loon rad 15 :. I= Is · [1+2] $=\frac{15}{2}=0.2A$ Pmax = I2R =40W 10-3 11) 4= Lin-Mi= 6(2+5cos(lot+30)-4x/0e-5cmb =12+30005(/ot+30°) -40e-50 Wb 4= L212 -Mi = 30 E-St - 8 - 20 cos(lott30) Wb 12). U, = 01 = -300 Sin(lot +30) +200 e-50 V Uz = d4 = -150 e-5t +2005 in (lot +30) V (2)同理: OH (3). 日 41

