الف مرکع ماسس الما:

الماس ا: الماس منا : المعال المال وراوس ودرار و المال المال

باس ؟: باس PV : معرف : أمازه وها زُورَان الو تسامي . محمد : زاوس وها زُورَان والو تسامي .

المان های قرآ کا : واسی های همون (PQ) : معلوما : وان الرو روال و سامی الم

مراد مردراول

ز: در ادستان متعمل بن بارس های غرف.

1	T Y"	1,5	No 114	415	716
	721	125	453 ASH	425	426
	Y3,	Y ₃₂	733 734	735	Y36
	Y41	Y42	743 Y44	Y45	46
	451	452	753 Y54	755	Y 56
	, 481	462	Y63 Y64	765	Y66 J

$$Y_{13} = Y_{15} = Y_{16} = 0$$

$$Y_{12} = \frac{1}{Z_{12}} = \frac{1}{9/1 + 59/17} = 2,57.7 - 54,37.2$$

$$Y_{24} = \frac{1}{z_{24}} = z_1 z_{553} = 53,7024$$

$$Y_{36} = \frac{1}{236} = 23,5849 - 542,4528$$

$$Y_{23} = \frac{1}{23} = 11,3058 - 520/9158$$

$$Y_{33} = Y_{23} + Y_{36} = 34,8907 - 563,3686$$

بالدَّهِ مِنْ أَدْرِ باب اللَّهِ مِنْ أَدْرِ باب لَهُ عَلَيْم اللَّهِ مَا مَا إِنَا إِنَا مِنْ مِنْ اللَّهُ اللَّهِ اللَّهُ اللَّهِ اللَّهُ اللَّالِي اللَّهُ اللَّالَّا اللَّا اللَّهُ اللَّهُ اللَّا اللَّلَّ اللَّا اللَّال سترمع مینے کے سے ساب کا بودہ کے درا کان اندازہ وسا تر و توان العدامين عدم وده وزادل ولا ز وقان رائع سامي العدم ىسى ۋان رائى كى ئىلى درىاسى 2 دىرىي : (de la maria de (4) cois -Qi(t) = - Im (vi* (t). 2 Yij. vj(t)) i = 2 - D Q Z = - Im / 1,05 (YZ1. V, + YZZ VZ + YZ3 V3 + YZ4 V4 + 452 A2 + ASE . NE) =- Im | 0/8469 - 51,5218 | = (1,5218) : 20-1,000; = 1 Q = Qz + Q z =1,5218+92 = (1,7218) G,min $\leq Q_z \leq Q_z$ → -150 G S 1,4 as of july a company of the constitution of the constitution of را املاح وسع: --- az (t) = az -az = 1,4 - %2 = (1,2)

bo a joi Jose ba Liva joi jalous je شرق نے مارائی مام کے اور کے رافائے ، وساز را برازال $P_{2} = P_{3}^{G} = 1_{1}4 - 015 = 10$ $V_{2}(0) = 1_{1}05 + 0$ $V_{3}(0) = 1_{1}05 + 0$ $V_{4}(0) = 1_{1}05 + 0$ $V_{5}(0) = 1_{1}05 + 0$ $V_{7}(0) = 1_{1}05 + 0$ V16,1318-jz8,9883 [-19-j112 - (Yz1. Vz(0) + 423. V3(0) + Y24. V4(0) + Y28. V3(0) + Y26. V8(0)) 16,1318-j28,9883 [0/8571-j1,1429 -((-2,57.7+j4,37.02) * (1,003)) + ((-11,13.58+j20,9158) *100 + ((-2,2553+33,7024)*(1MB))] = (1,0427+300058) نىسىموشا زىدى 3: البرائ سب قران أن وراكوت المي . $P_{3} + j Q_{3} = (P_{3}^{G} - P_{3}^{D}) + j(Q_{3}^{G} - Q_{3}^{D})$ = (0-14)+5(0-915) = (- 14 - 5 0/15)

$$V_{3}(1) = \frac{1}{V_{33}} \left[\frac{P_{3} - j Q_{3}}{V_{3}(0)^{*}} \left(\frac{1}{13} \right) V_{1}(0) \right]$$

$$- \frac{1}{34, 59.7 - 363,3636} \left[\frac{-74 + j 9/6}{1 + 0} \right]$$

$$- \left(\left((-11,30.5 8 + j 20,7158) \times 44.66 \left(\frac{1}{10} \right) V_{2} + j \frac{1}{100.520} \right) \right]$$

$$+ \left((-23,58 + 9 + j + 2,4528) \times 44.66 \left(\frac{1}{10} \right) V_{2} + j \frac{1}{100.520} \right)$$

$$= \frac{240260 - j \times 622}{2} = \frac{1}{1,0096 - j \times 90.20}$$

$$= \frac{34}{5} \frac{2}{100} \frac{1}{100} \frac$$

$$-6 \vee 4(1) = \frac{1}{15, 2453 - 527, 5149} \left[\frac{-74 + 5715}{13 - 8} \right]$$

$$- \left(\left((-1, 6342 + 57, 18968) \times 1 \right) + \left((-2, 2553 + 53, 7024) \right) \right]$$

$$+ \left((-1, 3052 + 57, 152) \times 1 \right) \right]$$

$$= \frac{1}{17955 - 59} = \frac{1}{17955 - 59} =$$

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$$P_{6} + j \otimes_{6} = (P_{6} - P_{6}) + j (Q_{6} - Q_{6})$$

$$= (42 - 45) + j (41 - 72)$$

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V1(0) = 1, V2(1) = 1,0427 + 5 900 58

V2(0) = 1,05

V3(1) = 1,0096 - 3 0,0020

13(0) = 1

V4(17 = 49955 - 5 400 78

V4(0)=1

VS(1) = 49825 - 5 90176

VSCO) = 1

V6 (1) = 110023 - 5 40077

V6(0) =1

VZ(1)-VZ(0) = 0/0427 + j90058

V3(1) - V3(0) = 010096 - 5 010020

V4 (1) - V4(0) = - 0/0045 - 50078

VS(1) - VS(0) = - 40175 - 5 90176

V6(1) - V6(0) = 00023 - 5 010077

| Rey v z (1) - v z (0) } | = 0/0 427

1 Imy v2(1) - v2(0) 1 = 0/00 58

$$| Ret (\sqrt{3}(1) - \sqrt{3}(0)) | = 0/0076$$

$$| Im (\sqrt{3}(1) - \sqrt{3}(0)) | = 0/0076$$

$$| Ret (\sqrt{4}(1) - \sqrt{4}(0)) | = 0/0078$$

$$| Ret (\sqrt{5}(1) - \sqrt{5}(0)) | = 0/0078$$

$$| Ret (\sqrt{5}(1) - \sqrt{5}(0)) | = 0/0078$$

$$| Ret (\sqrt{6}(1) - \sqrt{6}(0)) | = 0/0077$$

$$| Ret (\sqrt{6}(1) - \sqrt{6}(0)) | = 0/0077$$

$$| V_2| = \sqrt{(1/0427)^2 + (1/052)^2} = (1/0427)$$

$$| V_3| = \sqrt{(1/0965)^2 + (1/0976)^2} = (0/3)^2$$

$$| V_4| = \sqrt{(1/9755)^2 + (-0/078)^2} = (0/9755)$$

$$| V_4| = \sqrt{(1/9725)^2 + (-0/078)^2} = (0/9755)$$

$$| V_5| = \sqrt{(1/9725)^2 + (-0/0176)^2} = (0/9757)$$

$$| V_6| = (1/0023), 86 = (-44)^9$$

$$| V_6| = (1/0023), 86 = (-44)^9$$

$$P_{1} = \text{Re} \left\{ V_{1} \times \frac{\delta}{3} = 1 \times \left[V_{11} \times V_{1} + V_{12} \times V_{2} (1) + V_{14} \times V_{4} (1) \right] \right\}$$

$$= \text{Re} \left\{ 1 \times \left[V_{11} \times V_{1} + V_{12} \times V_{2} (1) + V_{14} \times V_{4} (1) \right] \right\}$$

$$= \text{Re} \left\{ (H_{1}2549 - \dot{j} + 2670) + \left[(-215707 + \dot{j} + 4)3702) \times (H_{1}0427 + \dot{j} + 4)3702 \right] \right\}$$

$$+ \left[(-1, 6542 + \dot{j} + 218965) \times (-19955 - \dot{j} - 9)0075) \right] = \frac{-9/1049}{3}$$

$$Q_{1} = -\text{Im} \left\{ V_{1} \times \frac{\delta}{3} \times V_{1} \right\} = \frac{-9/1049}{3}$$