







MATRIZES DA ANÁLISE NODAL	14171 000 0 1
- Marine Barrell Committee of the Commit	The second secon
$I_0 = I_2 + I_1 + I_6 \qquad   I_0 =$	$\frac{\sigma}{\sqrt{1}} + \frac{\sigma}{\sqrt{1-\sqrt{w}}} + \frac{\sigma}{\sqrt{1-\sqrt{w}}}$
T - T + T (E)	R <sub>1</sub> R <sub>2</sub> R <sub>6</sub>
T	R <sub>4</sub>
Is = 14 + I6	<u>VI - VIII + VI - VIII</u>
$\left[\frac{1}{R_1} + \frac{1}{R_2} + \frac{1}{R_2} - \frac{1}{R_3} - \frac{1}{R_3}\right]$	7 6 min
111	To to
(=) 0 R3 + R4 - R4	$V_2 = I_2$
A CM OPP - 1 E-K	V <sub>3</sub> 7
R6 R4 R4 R6	1 1 [ -5 ]
	- in the
Motis de admikância:	200 12812
0,00125 -0,000147 -0,0	201
V. o. V. I o.	
0,0001 0,000196 -0,00	2010
Moting de vimpedância:	211001 0 100116
848,91 490, 23	-611,41
152,25 2796,36	- 1903,08
387,61 2017,26	-4845,08
	10100
MATRILES DA REDE DA FIGURA 3	St. S. E.
	11 1 18 18 18 1 1 1 1 1 1 1 1 1 1 1 1 1
In = 1 mA a tima do V =	A 05.4
1	1,35V V2 = 165, 67 mV
1 - 1.36	
$\frac{1}{14} = \frac{1138}{100} = \frac{1}{100}$	1 m = 165, 67 1
Iz = 1 mA a tima da V.	
	= 165,67 mV Vz = 1,39V
$\frac{7}{12} = \frac{V_4}{T} - \frac{165}{670}$	= 1,39K D
I <sub>2</sub>	$\Gamma_{2}$
	[ 1350 165,67 ]
Matriz de impedância ->	165,67 1390

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	0,000 75174 -	0,0000 89597	William VID W BYALD	110
		0,000 73010	18.2	
	A CONTRACTOR OF THE PARTY OF TH		10 00 10 10 10 10 10 10	
-> Facer	ndo o procuro:	and the second	1200 2 7 19 12.	
V = 51	a dima da	I = 3,75 mA	12 = -446, 67	LA
VI = OV		_1		
alol que i	untiodusido	1 V	I2 89,3	رد ،
/ Y <sub>11</sub> =	$\frac{I_1}{V} = \frac{3.75  \text{m}}{5} = \frac{15}{15}$	10 pm /21 =	V <sub>1</sub>	
	V			
	1 10000 4 1921	The state of the s		1-1
V, = 5V	a dima da	The state of the s		A
V2 = 5V	a dima da	I1 = - 446, 67 p.f	I <sub>2</sub> = 3,65 cm	A
V2 = 5V	- I1 - 446,67 m -	The state of the s		A
y <sub>12</sub>	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	In = - 446, 67 pl	I <sub>2</sub> = 3,65 m	A
y <sub>12</sub>	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	In = - 446, 67 pl		A
	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	In = - 446, 67 pt	12 = 3,65 m	A
y <sub>12</sub>	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	In = - 446, 67 pl	Iz = 3,65 m	A
y <sub>12</sub>	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	In = - 446, 67 pt	12 = 3,65 m	, A
y <sub>12</sub>	a tima da	In = - 446, 67 pl - 89, 3 pc sc 1 = 730 pc sc -1 - 750 pc	Iz = 3,65 m	, A