



Scanned with CamScanner

Experiment:	DatePage No
malein form, [V] =	$\begin{bmatrix} Z_{11} & Z_{12} & J_1 \\ Z_{21} & Z_{2\lambda} & J_2 \end{bmatrix}$
1) 1,=0 (in but - port 2) 1,=0 Comput - port	open circuited)
Z ₁₁ = V ₁ Z ₂ = Z ₁₁ = Z	V_1 $Z_2 = V_2$ $Z_{22} = V_2$ $Z_{22} = V_2$ $Z_{21} = V_2$ $Z_{22} = V_2$ $Z_{21} = V_2$ $Z_{22} = V_2$ $Z_{21} = V_2$
Zn: Open circuit information trainit trainit trainit trainit trainit trainit trainit trainit out	visjer impedance from port 1 to 2
Perocedure: 1. Connert the circuit as	Shoven in jigure and swikh
	terminal and supply 5 V
3. Secondly, open input oupu terminal. Measur	terminal and supply 5 v to the
- John Marketter .	parameters using eq " D and D Ofter taking the reading
Perecautions:	scrouding to viruit diagram. be diritted off while taking

	UBSERVATIONS: When 9/P is Open Circuited Iz= 0		I,= 0	When I/P is open Uk I = ?						
S.no.	V ₁ (V)	N 9P.	(mh)	Z,= V/ (-2)	$Z_{12} = \frac{\lambda^2}{J_1}$ (v)	V _i (v)	(V)	J2 (mA)	2,22 / 12	7225 12
1.	17	5	5	1/5=2.2	5/5	3.5	8	4	3.5/4 = 0.815	8/4 = 2
		THE RESERVE OF THE PERSON NAMED IN COLUMN TWO	Name and Address of the Owner, where the Owner, which is the Owner, where the Owner, which is the Owner		increase the same of the same		= 1	2		
2	Z 11	= 2.	2-2	s s	Lander Lander	Z 21	= 1	2		
2	7 11	= 2.	2 -2 875. Exten	2 ° = 0	ork is	Z 22 Called	= 1 = 2 S	2 V MMI RECII	ETRICAL	

<u></u>	Experiment:	DatePage NoZ
3	Note me greatings carefully	
	Result: The z-parameter of two-post calculated and verified	nework has been
	VIVA VOICE	
Gws dr	I Define Z paerameters? In Z paerameters? the input a VI and V2 can be expressed in and output currents. I and I	n rems of min
An	2. hist the 4 pairaneters used in grey your able on I, g I,	V, and V
Gues Av	3. List sue 2 dependent variables supreservations	used in Z - parameer
HE PROPERTY	y. List 2 independent variables un yne 2 independent variables	
ans L	5. Define the input during She in put deriving point defined as the ratio of info input current.	point in pedance in pedance is out vollage to the

Experiment:	DatePage No
us 6 Define output deing to output - current	ving pront impedance. alio g input voltage
mes & Define neverse inf the year reverse trans	fer in pedance is defined voltage to output current
us 8. Define forward kans I The forward transf as the gratio of output	er inpldance is defined to voltage to input current
ung Weite condition por suci	perocity is Z12 Z21
us 10. Waite Continois for syn	for dynnetery is Z11 = Z22