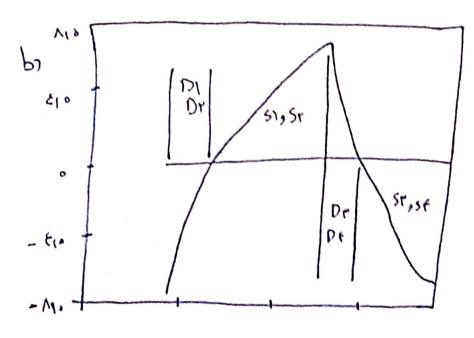
احمزتمسرى رمارعبران

926296

1/V

$$\frac{1}{R} = \frac{180}{10} \text{ sVIDA}$$



478

b)
$$V_n = \frac{\epsilon V_{eli}}{nn}$$
 $Z_n = \int R_+^r (r n \epsilon_{ool})^r$ $I_n = \frac{V_n}{2n}$ $I_{n,rns} = \frac{I_n}{\sqrt{r}}$

n	Vin	2.	Instrus	
1	177	41,4	^	
F	1/0	W	1104	
	44	\77 <i>I</i>	114	

$$\alpha$$
) $\sqrt{1} = \left[\frac{\epsilon V d\epsilon}{R}\right] \cos(\alpha)$

$$\alpha = \cos^{-1}\left(\frac{V_{1}n}{\epsilon V_{clc}}\right) = \cos^{-1}\left(\frac{A_{0}n}{F_{x/x}}\right) = \Delta \lambda_{1} q^{0}$$

$$\sqrt{n} = \left(\frac{fV_{olc}}{n\pi}\right)\cos(n\alpha)$$

$$I_{n} = \sqrt{n}$$

$$Z_n = |R_{+,jn\omega}L| \qquad I_n = \frac{\sqrt{n}}{Z_n} \qquad I_{n,nm} = \frac{I_n}{\sqrt{r}}$$

n	1~1	1/m1 Zw	
١	40	1419	Inorms 2101
7	9114	V137	110
0	E18 P	49	1010

NJK

Zn = | R+jnwoL| = | ex +jn r = 1 + x - | x = | = | ex + jn 910 & |

	W	Vn /Volc	√ ~	Zn	Ins ValZa
	1	100	VUIN	2412	۲,۳۰
	1	012	VNV	184	0/20
not	IV	0177	×11)	150	1616
MP-L	14	017 4	1117	IVA	17110

THOs
$$\frac{\left(\frac{120}{\sqrt{5}}\right)^{4}\left(\frac{01181}{\sqrt{7}}\right)^{4}\left(\frac{01171}{\sqrt{7}}\right)^{4}}{\frac{\sqrt{18}}{\sqrt{7}}}$$

$$\frac{\sqrt{18}}{\sqrt{7}}$$

MYXX Val.No Zn= | R +jn rafl , In= Vn, LN /Zno cond Inoms = In/r

7	TsYAHZ					
٢	n	VALN	ZX	In	In, yms	
1	1	ሪ ልሃ	11/1	74	روراه	
Ì	W	0-19	Y67	Y	1161	
	V	Trit	4410	Pall	411	
	- 11	1771	DIN	3310	0141	
	1 10	19.4	uv	1 0186	LAKE	

THOIS NEIT AVOY + 0/41 + 0/44 = 0/1= 10.1.

7= 100 Hz

N	VALN	2n	In	In, ras
1	468	4114	149	7311
۵	0.19	9611	1610	170
J	4414	144	VY10	119
11	1144	YON	9/10	1010
14	1914	KED	101	104

THOI=

10 164 = 1404 + 1104 + 1104 = 0 10 975