Lale Assignment - 4
Norme: RAKSAN BASHER
201: 17301042
veellow: 12
Nouve: CSF360

eireuit-1

Inhich	D	C	B	A seed	vo (V)
1000	0	0	0	0	0,0027
2	0	0	0	5	-0.497
3	0	0	549	0	-0.997
4	0	0	5	5	-1.497
511 6-	0	S S	0	0	-11997
604.6-	00	5	\bigcirc	5	-2.497
#	20	5	B	0	-2.997
8	0	50	6	5	-3.497
9	5	0	0	0	-3.907
10	B	0	0	5	-4.497
11	5	0	5	0	-4.4997
12	6	0	5	5	-5.497
13	0 9 8	5	0	0	-6.597
14	5	5	0	5	-6.497
16	5	9	5	\bigcirc	-6.997
16	5	5	5	6	-7.497

eireiit-2

configuration	√ ! >	0	00	A-10	outral 16 (V)
1040	0	0	0	0	.0049
2	0	0	0	5	-0,620
3	0	0	5	00	-1.245
9	0	0	6	5	-1.869
5	0	5	0	0	-2,495
61-	000	5	0	5	-3.119
7	10	5	B	0	-3.744
8	0	S S	5	5	-4.369
9	5	0 2	0	00	-4.994
10	5	0	0	5	-5.619
11	6	0	G	, 0	-6.244
	5	0	5	5	-6,869
13	5	3		-	-7494
124	350	5	Ö	G	-8,119
15	35	5	6	O	-8.74
16	6	5	6	5	-9.36
	1 2 3 4 5 6 7 8 9	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 0 2 0 0 3 0 0 6 0 6 6 0 6 7 0 6 8 0 6 9 5 0 0 11 6 0 11 6 0 12 6 0 13 6 6	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

0.06 4 20 V = 20 V = 20 V V= 20 20420 x 0.625 20 80.62h 0:3125. Again, $\frac{\sqrt{6} - \left\{ \frac{20}{20} \times 0.626 \right\} + \frac{20}{20} \times 0}{= -0.626} \approx 0.62 \times 0.00}$ $= -0.626 \approx 0.62 \times 0.00$ $= \frac{200}{20} \times 0.3126 = \frac{-160}{1160} \times 0.00$ gt -0.620 v for the input (000 B) and through eateulation cally the same, There are least 505 MOT \$ MOLY \$ 100 4 5001 C

The last wo digits are 4 and 2. : Vo high= 6, low=0.

input configuration	D	6	か	4	output
1	0	0	O	O	0.0027
2	0	0	0	06.00	-0.697
3	0	0	× 6	· 600	-1.197
4	\circ	0	was in	6	- 1.79子
E ₂	ON	6	000	\bigcirc	-2.397
6.647	-0	6	Ŏ	6	- 2.997
7	0600	6	6	0	- 3. 597
8	0	6	6	6	-4.197
9	6	\bigcirc	0	000	-4.497
10	6	\bigcirc	0	- 600	-6.397
21	6	0	6	W 00	- 5.997
12	6	0	6	6	-6,597
13	6	6	0	0	-7.197
14	6	6	0	6	-7.797
16	6	6	.61	0	-8.397
16	006/1	1080	060	(S).	-8.997
14				1 1	CAN X FIDE

size will also mercore tro

finderily closecring the

(P, V, O)

7d-17301042 Here, input is 4 leits
So, full step output -24-1 Dinary weighted nexistors stert sixe-0.497 full seale=-7.497 i, restatution ., resolution = -0.497 0.749-7.497 = 0.0662 Rand 2R1 Step 820=-0.620 full seall = -9.369 .. resolution = 0.620 z 0, 006 1 -9.369 (4) The step sixe corresponds to the RF. if we increase RA tell size will outso increase proportionately. decreasing the value of DF will also decrease

+6033828-DI

the biors voltage one -16v and +16v.

on outpool lower than -160 unless those loious voltages are changed.

(PN)

Ja-1730104, circuit-1 (Biniary weighted-resistors) 8 -9 10 11 12 13 14 16 18 4 5 6 0.00 -0.49 -1.49 -1.997 -2493 -2997 -3.40 -9.497 4.797 -12497 5.797 - 6.497 -6 any 7.497

9 evicuit-2 (R-2R) Jd-14301092 012346678910111213141516 0.0049 -1.2 -2.4 -3.6 -6.4 -6.0 -6.6 -7.2 -7-8 -8.4

-9.**0**

sulput



