Situat Abdullach

CSE 350 ( fab ree 4)

ID: 19101384

Tub report over the stighter

See: 01

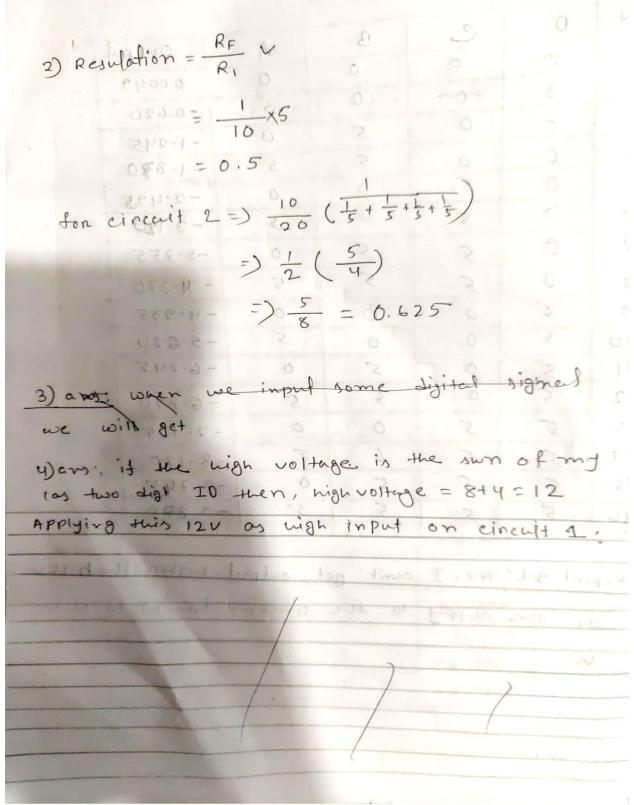
Datasheef for cincuit 1: RF=14.

		C - 7×1	B. De and	WANT TO	-
5.N	D	C	B	A	output
1	0	0	0	0	0.0027
2	0	0	OANNO	51	-0.0497
3	0	0	5	0	-0.997
4	0	0	5	5	-1.497
5	0	5 "	0	0	-1.997
6	0	5	0	5	- 2.497
7	0	5	5	O	- 2.997
8	0	5	5	1,5	-3.497
9	5	0	0	0	- 3.997
10	5	0	0	5	-4.497
11	5	0	5	0	-4.997
12	5	0	5	5	-5.497
13	5	5	0	0	-5.997
14	5	5	0	5	-6.497
15	5	5	5	0	-6.997
16	5	5	5	5	-7.497

## Datasteel for circuit 2.

						notes
5.N	0	C	13	A	output	2) 80
1	0	0	0	0	0.0049	
2	6	0	0	35	-0.620	
3	0	0	5	0	-1.245	
4	0	0	5	5	-1.840	
5	0	5	0	0	-2.495	
6	6	5213	505)	05	-3.120	
7	6	5	50	10%	-3.755	
8	0	5	5	5	- 4·370	
9	5	0 -60	00 =	0	-4.995	
10	5	0	0	5	-5.620	
11	5	0	5	0	-6.245	
12	5	0	5 mor	5	-6.870	S) areas
13	5	5	0	0	-7.495	0 0 10
14	5	5	1- 0,00	31-70V 11	-8.120	
15	5	5	p. Sound	0	-8.755	CV2()
16	5	5	5	5	-9.370	

Report 91: No. I can't get output higher that 150 as the supply to the omamp is up to 150



				r	Light and Code	
5.N	D	C	B	A	1 output	T)C
(	0	0	0	0	0.0027	
2	0	051 21	0	12	2-1.192	0
3	0	0	12	0	-2.397	
4	0	0	12	12	- 3.5 9712	1
5	0	12	0	0	- 4.7 97	
6	0	-12	0	12	-5.997	
2	0	12	12	0	-7.197	
8	0	12	12	12-	-8.397	
9	12	0	0	0	-9.596	
10	12	0	0	12	-10.796	
11	12	0	. +2	0	-11.996	
12	12	0	12	12	-13.196	1
13	12	12	0	0	-13.496	
14	12	12	0	12	- 13.496	+
15	12	12	12	0	-13.495	1
6	12	12	12	12	-13.494	

5 RF Stepsiz & RF. aslong as the stepsize RF -0.99 increase the nesolu stepsize rincreese the resoluti RFA also increase proportionally. For, example it we set RF=2.

Steps For, 0000 -) 0.0043 0001 -) 0.99 0010 -) 1.99

so the stepsite is almost 1= ( \frac{RF}{R\_1} \times V ) = \frac{2}{2} \times 8 = 1 \frac{2}{2}

also increase twice.

