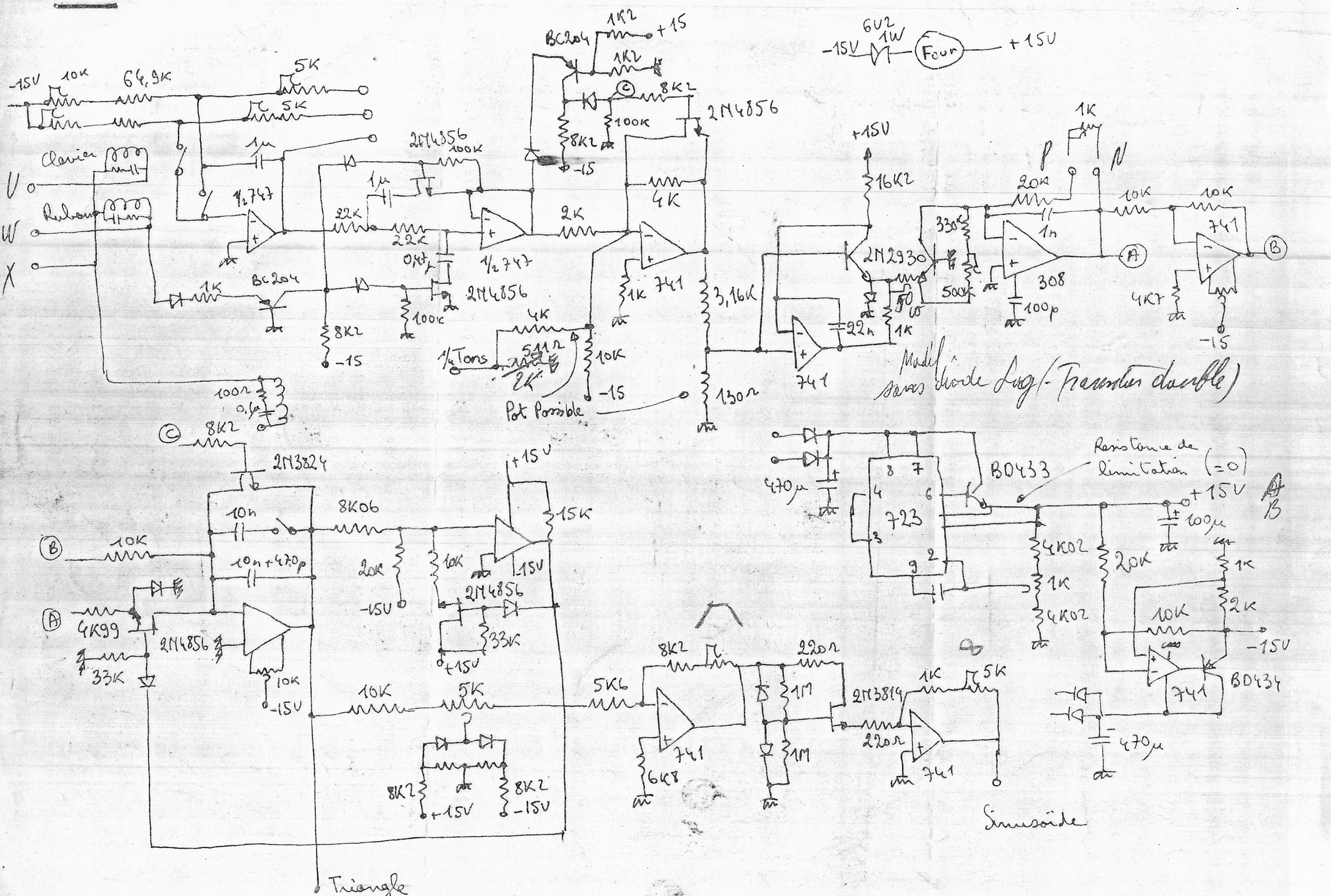

-15V
10K
64,9K
5K
5K
Clavier
Ruban
V
W
X
1µ
1/2 747
2N4856
100K
22K
22K
0,47µ
1/2 747
BC204
1K
8K2
-15
100K
BC204
1K2
+15
1K2
8K2
100K
2N4856
2K
4K
741
1K
3,16K
130Ω
4K
511Ω
2K
10K
1/2 Tons
Pot Possible
100Ω
0,1µ
-15V
6V2
1W
Four
+15V
+15V
16K2
2N2930
741
22n
1K
330K
500K
20K
1n
308
100p
1K
P
N
10K
10K
741
4K7
-15
A
B
Modèle sans diode Log (Transistor double)
C
8K2
2N3824
+15V
10n
8K06
15K
10K
10n + 470p
2K
10K
-15V
2N4856
33K
+15V
4K99
2N4856
33K
10K
-15V
10K
5K
8K2
+15V
8K2
-15V
Triangle
8K2
220Ω
5K6
741
6K8
1M
1M
2N3819
1K
5K
220Ω
741
Sinusoïde
470µ
8
7
4
6
723
3
2
9
BD433
Résistance de limitation (=0)
+15V
100µ
4K02
1K
4K02
20K
1K
2K
10K
-15V
741
BD434
470µ