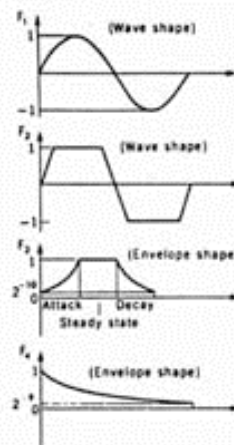
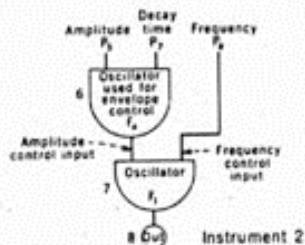
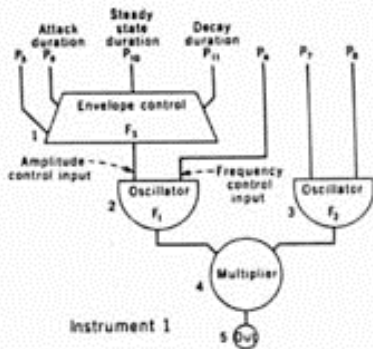
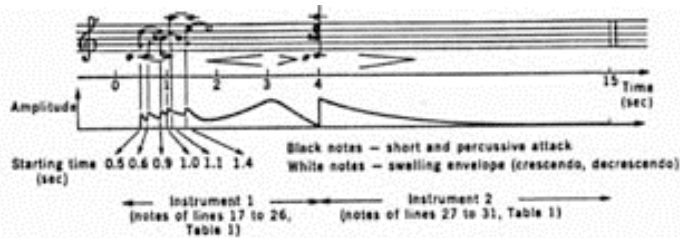


Composition: Electronic Media II
Spring 2005
Music V

1. Music V was developed in 1968 by Max Mathews, Joan Miller, and Jean-Claude Rissett. It written in Fortran 2 and ran on an IBM 360.

2. Below are aspects of its organization.



```

1 INS 0 1;
2 ENV P5 F3 B3 P9 P10 P11 P30;
3 OSC B3 P6 B3 F1 P29;
4 OSC P7 P8 B4 F2 P28;
5 MLT B3 B4 B3;
6 OUT B3 B1;
7 END;
8 INS 0 2;
9 OSC P5 P7 B3 F4 P30;
10 OSC B3 P6 B3 F1 P29;
11 OUT B3 B1;
12 END;
13 GEN 0 2 1 1 1;
14 GEN 0 3 2 0 10 10 10 10 10 0 -10 -10 -10 -10 -10
15 GEN 0 6 3 10 1 1 10;
16 GEN 0 7 4 -9;
17 NOT .5 1 .6 18 424 18 1000 .01 0 .59;
18 NOT .6 1 .6 18 727 18 1000 .01 0 .59;
19 NOT .9 1 3.6 18 424 18 1000 2.3 .1 1.2;
20 NOT .9 1 .6 18 1545 18 2000 .01 0 .59;
21 NOT 1 1 3.5 18 727 18 1000 2.7 0 .8;
22 NOT 1.1 1 .6 18 1136 18 2000 .01 0 .59;
23 NOT 1.3 1 3.2 18 1545 18 2000 1.9 .1 1.2;
24 NOT 1.4 1 .6 18 1352 18 2000 .01 0 .59;
25 NOT 1.5 1 3 18 1136 18 2000 1.9 0 1.1;
26 NOT 1.8 1 2.7 18 1352 18 2000 1.4 .1 1.2;
27 NOT 4 2 10 400 273 10;
28 NOT 4 2 7.5 200 455 7.5;
29 NOT 4 2 4.5 200 576 4.5;
30 NOT 4 2 6.5 150 648 6.5;
31 NOT 4 2 4 150 864 4;
32 TER 15;

```

NOT	Play note
INS	Define instrument
GEN	Generate function
TER	Terminate piece
OUT	Monophonic output
OSC	Oscillator
ENV	Envelope generator
MLT	Multiplier

