

Moog Exercises

(I)

1. White Noise Routing (may also be accomplished with other sounds)

a. Moog outputs 1-4 - patch directly to power amp inputs 1-4 — patch wh. noise to matrix mixer input 1 and control routing to all four spkrs. in the room. Do the same with noise to input 2, then input 3, then input 4.

b. Same patch, control equalization of each of the 4 output channels of the mixer so that there is a different timbre in each spkr.

c. white noise to VCA input, VCA output to mixer - out to one spkr. Turn up "fixed control voltage" of VCA to hear noise.

Take very slow sine wave from VCO to control input of VCA - turn down "fixed control voltage" until noise is totally gated by the slow sine. Compare gating by using sawtooth, then triangle, then pulse, then combinations by routing them thru a mixer.

d. Same patch, increase frequency of VCA until you hear sidebands -

→ all this stuff is Amplitude Modulation ←

2. Frequency Control of Oscillators

- a. Moog outputs 1-2 into system (either directly into power amps or thru Mae then into amps. Take output of VCO into mixer - vary frequency with (1) fixed control voltage (2) freq. vernier (3) low, 32', 16', 8', 4', 2' sw.
- b. Vary VCO frequency with ribbon controller (no 1 voltage) (1) low end voltage switch (2) freq. range sw. — Then in combination with the freq. controls on the VCO.
- c. Vary VCO frequency with keyboard (no 2 voltage) (1) scale (2) range then in combination with the freq. controls on the VCO. Then experiment with the hold-no hold sw. and the portamento control.
- d. Vary VCO frequency with the frequency of another oscillator. Patch the other oscillator ^(low freq.) into a control input on the VCO. (apply above techniques)
→ all this stuff is frequency modulation ←

III.

- E. Patch three oscillators into a mixer - mixer output to matrix mixer and out of the system. Set up three-pitch complex on the oscillators then control them (in parallel motion) from (1) the ribbon, (2) the keyboard (3) the VCO into the oscillator controller control input.
- F. Control 3 oscillators in non-parallel motion by applying the above techniques.

ROOM III, STATION 3

WOMAN 1

Period I: ToeNails

1. Sits on couch
Gets up walks
Walks in a circle fast on
hard floor
2. Still walking
Sits down curls up slowly
Looks at body, turns legs
looks at legs drops off shoes
3. Still looking
Abruptly rolls down stockings &
off drops
Begins cutting toenails with
great care and pleasure
4. Still cutting
Gets up walks around abruptly
one stocking off one on
Sits down again

Claes Oldenburg

Store Days I (Second Draft)
February 23-24, 1962.

FLUXPIECE

EVENT

pulse start
pulse stop

FLUXPIECE

REALIZATION

.emotion music

FLUXPIECE

STOOL

on(or near) a stool

FLUXPIECE

.table

FLUXPIECE

SIX DOORS

- . exit
- . entrance
- . exit
- . entrance
- .

APIECE (for P. Olive.)

WHILE A BIG WHITE WEATHER
BALLOON IS BEING INFLATED,
DO

sit ups
push ups
running in place
deep knee bends
etc.

UNTIL NO MORE AIR WILL
GO INSIDE. stop.

cb

BPIECE (for A. NAZOO)

do not exercise
during inflation.

Ahhhhh.....Wonderful!

cb