

Trace Elements

for piano and electronics

I: Hiver

Anthony Lyons

ca. 20 secs.

Piano

Electronics

[1] children's voices (looped throughout)

[2] snow footsteps

pizz.

mp

p

$\text{♩} = \text{ca. } 116$

ca. 15 secs.

Pno.

El.

piano loop

two-bar loop from looper

on: looper record \downarrow

off: looper record \downarrow

ca. 70 secs.

Pno.

El.

pizz.

(*mp - mf*)

ad. lib. { micropulse & stutter processing of piano loop.
reverb & granulation processing of played piano melody.

ord. (on the keys)

4 opera

3 science 1 war/marriage 5 6 science 2

The score consists of three staves. The top staff is for 'Piano' and the bottom two are for 'Electronics'. The first section (ca. 20 secs.) shows the piano playing eighth-note chords and the electronics providing a continuous loop of children's voices and snow footsteps. The second section (ca. 15 secs.) introduces a 'piano loop' and a 'two-bar loop from looper', controlled by the electronics. The third section (ca. 70 secs.) features a complex interaction between piano and electronics, including various processing techniques and numbered events (3, 4, 5, 6) corresponding to specific performance instructions.

ca. 70 secs.

Pno. (pizz.)

(mf - f)

capture piano melody fragments (stop echoes) and playback faint echoes

El. [2] snow footsteps [7] science 3

ord. mp opera [4]

process chords w/ micropulses

ca. 70 secs.

Pno. pizz. --> (mp - mf) ord. -->

fade down micropulse processing of piano chords

El. [8] science 4 [9] science 5

opera [3]

ca. 70 secs.

Pno. (pizz.) (mp - p)

fade down piano loop

process notes w/ micropulses

El. [10] science 6 [2] snow footsteps

(fade pulses) [1] fade down children's voices

(duration ca. 5:30)

II: Diffraction I

ca. 30 - 40 secs

Piano { run back of the finger nails across the keys freely approximate shape. (p - mp) *

Electronics { ad. lib. processing of 'nails' sound w/ delay I using a heavy wet signal.

[1] children's voices ↓ delay I (delay time ca. 340 ms/ feedback ca. 3-4 repeats/ tempo ca. 60 bpm)

[2] science voice mp

ca. 30 - 40 secs

Pno. { finger nails continue ad. lib. (ped.) mp p mp p mp p

EI. { add processing of played notes w/ grain delay. ad. lib. panning, grain transposition and feedback with a heavy wet signal.

ca. 30 - 40 secs

Pno. { (nails) mf mp f (ped.)

EI. {