control

Mouches

random movement generator

random movement generator

frequency control

data filter

data filter

sound generator

sound generator

band-pass filter

band-pass filter

compressor

compressor

4 in / 2 out mixer

particules positions

Emergence

topology definition

non linear interactions

force

distance

interpolation between presets

physical modeling simulation

sound generator

sound generator

sound generator

band-pass filter

band-pass filter

band-pass filter

47 in / 2 out mixer

particules positions

Morphing

shape definition

shape definition

shape definition

interpolation between shapes

shape definition

shape definition

shape definition

physical modeling simulation

scanned synthesis

particules positions

Chaos

sound generator

sound generator

sound generator

amplitude control

8 in / 3 out mixer

Peter De Jong iteration

Peter De Jong iteration

Peter De Jong iteration

Peter De Jong iteration

scanned synthesis

particules positions

Fluide

force field definition

force field parameters

physical modeling simulation

audio synthesis

audio synthesis

audio synthesis

8 in / 2 out mixer

particules positions

audio

displacement drawing for each particule

x(t-2), y(t-2)

x(t), y(t)

x(t-3), y(t-3)

x(t-1), y(t-1)

video