

NO studies #1

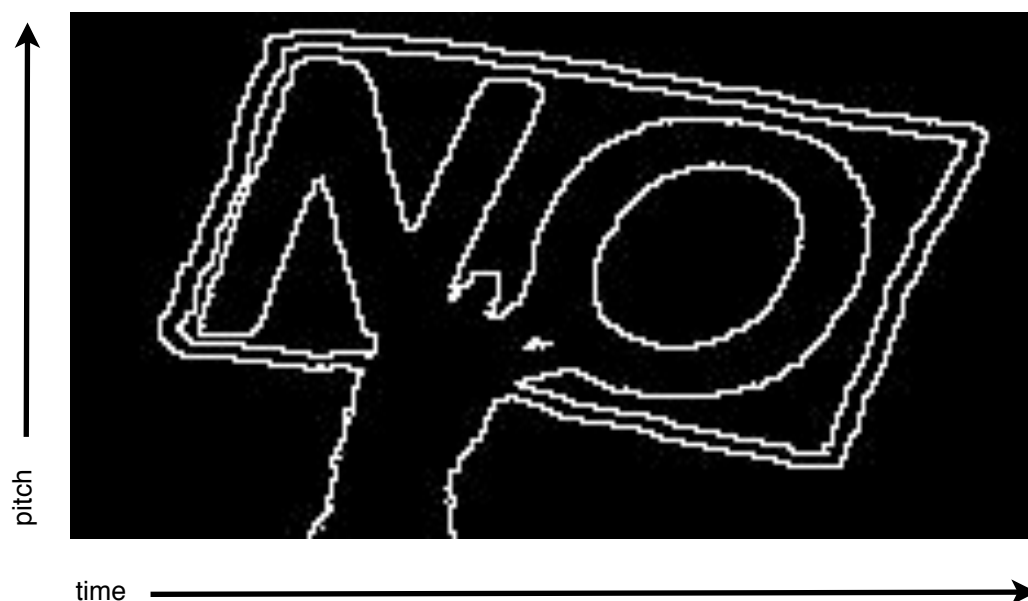
for saxophone ensemble (2sp, 3alt, 2ten, 2bar)

Alberto Bernal

DESCRIPTION

The present piece belongs to a series of sound studies on the word NO. The departure point of this first piece of the series is a photography taken in a demonstration in which one can see a hand holding a placard with the word NO.

The study involved a digital degradation of the image (pixelation and outlining) in order to recode its visual information as musical material: x-axis as time and y-axis as pitch. The score becomes, therefore, a sonorization of the photography, this made evident in the performing of the piece, in which a real time video gradually reconstructs the original image as the ensemble plays the corresponding musical material.



PERFORMING OF THE PIECE AND VIDEO PROJECTION

Together with the performing of the music, the piece also involves the projection of a video that has to be synchronized with the performers. There are basically two ways of ensuring this synchronization:


A) Performing the piece with a conductor hearing a click track and beating according to that


B) Using an available MaxMSP patch that runs automatically the video according to a detection of the attacks. In this version it's also necessary set of XY-stereo microphones. Inside the patch there are the necessary instructions to set-up the levels. An external monitor for the performers to see the bar they are playing is also necessary to avoid mistakes. That means:


- A computer with the corresponding MaxMSP patch
- A XY-stereo microphone set
- An external monitor


The main video image should be projected big in a central position. The original image has an aspect ratio of 16:9 which should be preserved in the projection.


MICROTONAL NOTATION


 ca. 1/8 tone higher

 1/4 tone higher

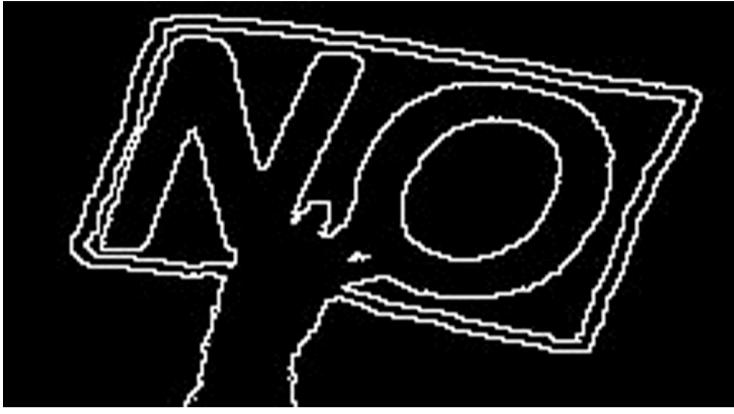
 1/4 + ca. 1/8 tone higher

 1/2 + ca. 1/8 tone higher

 3/4 tone higher

 3/4 + ca. 1/8 tone higher

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♩ = ca. 58

Soprano Saxophone 1
Soprano Saxophone 2
Alto Saxophone 1
Alto Saxophone 2
Alto Saxophone 3
Tenor Saxophone 1
Tenor Saxophone 2
Baritone Saxophone 1
Baritone Saxophone 2

mf *ff* *mf* *ff* *f* *mf* *mf* *f* *mf*

f *mf*

Dynamic markings: *mf*, *ff*, *f*, *mf*, *(mf)*

9

Sop. Sax. 1
Sop. Sax. 2
Alto Sax. 1
Alto Sax. 2
Alto Sax. 3
Ten. Sax. 1
Ten. Sax. 2
Bar. Sax. 1
Bar. Sax. 2

mf *mf* *f* *ff*

f *ff*

Dynamic markings: *mf*, *f*, *ff*, *(mf)*

2

17 (♩ = 58) rit.

Sop. Sax. 1 *(mf)* *f*

Sop. Sax. 2 *(mf)* *f*

Alto Sax. 1 *f* *mf* *mf*

Alto Sax. 2 *mf* *f* *mf* *f*

Alto Sax. 3 *mf* *f* *mf* *f*

Ten. Sax. 1 *mf* *f* *mf* *f* *f*

Ten. Sax. 2 *mf* *f* *mf*

Bar. Sax. 1 *mf* *f* *mf* *(mf)*

Bar. Sax. 2 *mf* *ff* *f* *f*

26 (♩ = 48)

Sop. Sax. 1 *ff* *mf*

Sop. Sax. 2 *mf* *ff* *mf*

Alto Sax. 1 *ff* *mf*

Alto Sax. 2 *mf* *ff* *mf*

Alto Sax. 3 *mf* *(mf)*

Ten. Sax. 1 *mf*

Ten. Sax. 2 *(mf)* *f*

Bar. Sax. 1 *f*

Bar. Sax. 2 *mf* *f*

(♩ = 32)

34

Sop. Sax. 1

Sop. Sax. 2

Alto Sax. 1

Alto Sax. 2

Alto Sax. 3

Ten. Sax. 1

Ten. Sax. 2

Bar. Sax. 1

Bar. Sax. 2

(mf)

f

ff

ff

mf

mf

mf

f



(♩ = 18)

♩ = 12 (5")

41

Sop. Sax. 1

Sop. Sax. 2

Alto Sax. 1

Alto Sax. 2

Alto Sax. 3

Ten. Sax. 1

Ten. Sax. 2

Bar. Sax. 1

Bar. Sax. 2

f

ff

f

quasi ff

ff

f

quasi ff

ff

ff

ff

ff

ff