

Uyuni

for cello and live electronics

Set-up

The cello is close-miked and plugged into a soundcard connected to a laptop running Ableton Live Suite.

The patch for the performance can be located here: <https://www.dropbox.com/sh/v55hrhl1ribq822/AADg5eitYNRRiqb171Eiv-Eya?dl=0>

The cellist needs headphones to hear the click - routed through the third output channel so the audience cannot hear the click.

The electronic and acoustic sounds are routed through a stereo PA system.

The cellist sits in the middle of the two PA speakers.

Ableton Live has automated effects that are activated and deactivated at specified moments in the piece. There are three effects: Reverse Reverb, Distortion with Octave Transposition, and a Saturator

The electronic sound should be substantially louder than the acoustic sound of the cello.

One MIDI pedal needs to be set up within easy reach of the cellist's foot. This pedal, once activated, will introduce a fourth effect: bit crusher.

Performance

The performer plays to a click track with headphones. The click track has a few tempo changes (marked in the score), including a gradual accelerando.

m_{sp} = molto sul ponticello

p_{sp} = poco sul ponticello

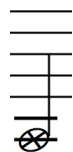
nat. = natural playing position

p_{st} = poco sul tasto

m_{st} = molto sul tasto

ord. = normal bowing pressure

The following notation means:



1) Scratch tone: unspecified pitch, noise sound, scratchy effect. Base pitch specified.



2) Glissando: up to an unspecified pitch



3) Indeterminate tone on any string: unspecified pitch, noise sound, scratchy effect. No base pitch specified.



4) Bow pressure

♩ = 120
click count in

Violoncello

Measures 1-10: Bass clef, 4/4 time. Measure 1: *f*, arco, gliss. Measure 2: arco, gliss. Measure 3: *p* (gliss.), arco. Measure 4: arco. Measure 5: arco. Measure 6: arco. Measure 7: arco. Measure 8: arco. Measure 9: arco. Measure 10: arco, *p*, *mp*. Performance markings: nat. → msp (measures 3-5), nat. (measures 6-8), mst → nat. (measures 9-10).

8

Vc.

Measures 11-20: Bass clef, 4/4 time. Measure 11: *f*, arco. Measure 12: arco. Measure 13: *p*, arco. Measure 14: arco, 3. Measure 15: arco. Measure 16: arco. Measure 17: arco. Measure 18: arco. Measure 19: arco. Measure 20: arco. Performance markings: nat. → msp (measures 13-15), nat. (measures 16-18).

14

Vc.

Measures 21-30: Bass clef, 4/4 time. Measure 21: *p*, *mp*. Measure 22: *f*, arco. Measure 23: arco. Measure 24: arco. Measure 25: arco. Measure 26: arco. Measure 27: arco. Measure 28: arco. Measure 29: arco. Measure 30: arco. Performance markings: mst → nat. (measures 21-23), nat. → msp (measures 29-30).

20

Vc.

Measures 31-40: Bass clef, 4/4 time. Measure 31: *f*, arco. Measure 32: arco. Measure 33: arco. Measure 34: arco. Measure 35: arco. Measure 36: arco. Measure 37: arco. Measure 38: arco. Measure 39: arco. Measure 40: arco. Performance markings: nat. (measures 39-40).

27

Vc.

Measures 41-50: Bass clef, 4/4 time. Measure 41: *p*, *mp*. Measure 42: arco. Measure 43: arco. Measure 44: arco. Measure 45: arco. Measure 46: arco. Measure 47: arco. Measure 48: arco. Measure 49: arco. Measure 50: arco. Performance markings: nat. → msp (measures 41-43), mst → nat. (measures 44-46), nat. → msp (measures 47-49).

34

Vc.

arco

clb clb clb

clb clb clb

arco

43

Vc.

Gradually increase tempo until the final repeat is roughly $\text{♩} = 200$

x6

x10 $\text{♩} = 100$

arco

CL P CL

pppp

II -----|

52 fragile

Vc.

msp → mst

nat.

x3

CL P CL

arco

(fragile)

msp → mst → msp → mst → msp → mst → msp → mst → msp → mst → msp

p

portamento

II -----|

62

Vc.

msp → mst → msp → mst → msp → mst

nat.

CL P CL

arco

(portamento)

II -----|

73

Vc.

msp → mst

arco

nat.

CL P CL

arco

(portamento)

II -----|

83

CL P CL arco msp → mst nat. P arco msp → mst nat.

II -----|

II -----|

Gradually increase tempo and volume (across repeats) with click

95

CL P arco msp → mst nat. x4 f arco P arco msp → mst

II -----|

II -----|

II -----|

$\text{♩} = 200$

105

nat. P arco msp → mst

II -----|

II -----|

112

pizz arco nat. x2 ff x12 x4

ff

Pedal On