

Pitch Gradient with Noise #6 (in Bb)

for harp, flute, oboe, 2 vibraphones, accordion, 2 violas, cello, 2 double basses, and electronics

JORDAN DYKSTRA (2019)

Commissioned by Ben Richter for a premiere by Ghost Ensemble on June 15, 2019 at UMass NYPOP, 526 W 26 St. #314 in New York, NY.

Spring 2019
Amsterdam, The Netherlands

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JORDAN DYKSTRA

DURATION

21:00 (with 30" of silence at the beginning and end)

INSTRUMENTATION*

(1) flute

(1) oboe

(1) accordion

(2) vibraphones (bowed)

(1) harp (with Ebow)

(2) violas

(1) cello

(2) double basses

(1) electronics (sine tones) – may be performed live or fixed playback (optionally provided by the composer via jordandykstra@gmail.com)

*Instruments may be subtitled with others in their instrument class. Multiple players per part is okay.

PROGRAM NOTES

General description: Throughout the course of the piece, the ensemble creates an amorphous sound mass which gradually evolves – at a rate of 10 cents per minute – from one semitone to the next. Players may play the notated pitch class (with cent deviation) in any octave, playing with the beating pattern interactions found within the ensemble. All players are also encouraged, instead of voicing their sounding pitch, to, at their choosing, create a sustained noise instead with their instrument (i.e. string players bowing the body of their instrument, wind players blowing just breath, sliding fingers up and down the strings of a harp, etc.) or through implementation from another noise source all together (i.e. rubbing 2 stones together, brush on a drum head, rustling a bowl of leaves, swishing a plastic bag, etc.).

Score in C.

Attention to cent deviation is *extremely important*, all players are encouraged to use a tuner with contact mic-clip.

A seating arrangement should be chosen so the lowest audible spectrum is in the center and, fanning out, the highest spectrum on either side of the semicircle.

Dynamics: Balanced throughout, the ensemble forming one sound texture. Electronic playback should be heard, but never competing with any one instrument.

String players: Without vibrato. Harmonics, sul ponticello/tasto are fine.

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All voices balanced, with any octave transposition

$\text{♩} = 10''$

Flute

Oboe

Accordion

Vibraphone 1

Vibraphone 2

Harp

Viola 1

Viola 2

Cello

Contrabass 1

Contrabass 2

All voices balanced, with any octave transposition

$\text{♩} = 10''$

Electronics (sine tones)

1'

7

Fl.

+7c.

+11c.

+14c.

+6c.

+10c.

+13c.

Ob.

Accord.

-90c.

Vib. 1

Vib. 2

Hp.

+16c.

Via. 1

+12c.

Via. 2

+21c.

Vc.

+14c.

Cb. 1

+17c.

Cb. 2

1'

+15c.

Elec.

Detailed description: This is a page of a musical score for a large ensemble. It features ten staves, each representing a different instrument. The instruments are: Flute (Fl.), Oboe (Ob.), Accordion (Accord.), Vibraphone 1 (Vib. 1), Vibraphone 2 (Vib. 2), Harp (Hp.), Viola 1 (Via. 1), Viola 2 (Via. 2), Violoncello (Vc.), Contrabass 1 (Cb. 1), Contrabass 2 (Cb. 2), and Electric Bass (Elec.). The score is written in a common time signature. The Flute and Oboe parts have a '7' at the beginning, indicating a specific measure. The Flute part has four measures with notes, each marked with a circled measure number: +7c., +11c., +14c., and +14c. The Oboe part has four measures with notes, each marked with a circled measure number: +6c., +10c., +13c., and +13c. The Accordion part has four measures with notes, each marked with a circled measure number: -90c., -90c., -90c., and -90c. The Viola 1 part has four measures with notes, each marked with a circled measure number: +16c., +12c., +12c., and +12c. The Viola 2 part has four measures with notes, each marked with a circled measure number: +12c., +12c., +12c., and +12c. The Violoncello part has four measures with notes, each marked with a circled measure number: +21c., +21c., +21c., and +21c. The Contrabass 1 part has four measures with notes, each marked with a circled measure number: +14c., +14c., +14c., and +14c. The Contrabass 2 part has four measures with notes, each marked with a circled measure number: +17c., +17c., +17c., and +17c. The Electric Bass part has four measures with notes, each marked with a circled measure number: +15c., +15c., +15c., and +15c. The Flute and Oboe parts have a '1'' at the beginning, indicating a specific measure. The Viola 1 part has a '1'' at the beginning, indicating a specific measure. The Electric Bass part has a '1'' at the beginning, indicating a specific measure.

13

2'

Fl.

+17c.

+21c.

+24c.

Ob.

+16c.

+20c.

+23c.

Accord.

-80c.

Vib. 1

Vib. 2

Hp.

Vla. 1

+24c.

Vla. 2

+20c.

Vc.

+30c.

Cb. 1

+24c.

Cb. 2

+25c.

2'

Elec.

+25c.

3'

19

Fl.

+27c.

+31c.

+34c.

Ob.

+26c.

+30c.

+33c.

Accord.

-70c.

-60c.

Vib. 1

Vib. 2

Hp.

Vla. 1

+32c.

+40c.

Vla. 2

+32c.

Vc.

+42c.

Cb. 1

+34c.

Cb. 2

+37c.

3'

Elec.

+35c.

25

4'

Fl.

+37c.

+41c.

+44c.

Ob.

+36c.

+40c.

+43c.

Accord.

-50c.

Vib. 1

Vib. 2

±0c.

Hp.

Via. 1

+48c.

Via. 2

+40c.

+48c.

Vc.

-44c.

Cb. 1

+44c.

Cb. 2

+46c.

Elec.

4'

+45c.

5'

Fl. +47c. -49c. -45c.

Ob. +46c. +50c. -46c.

Accord. -55c.

Vib. 1 ±0c.

Vib. 2

Hp.

Via. 1 -44c.

Via. 2 -45c.

Vc. -36c.

Cb. 1 -44c.

Cb. 2 -40c.

5'

Elec. -45c.

37

Fl. 6' -41c. -39c. -35c.

Ob. -43c. -40c. -36c.

Accord. -40c.

Vib. 1

Vib. 2

Hp. ±0c.

Via. 1 -36c.

Via. 2 -37c.

Vc. -28c.

Cb. 1 -34c.

Cb. 2 -31c.

Elec. 6' -35c.

7'

Fl. ⁴³ -31c. -29c. -25c.

Ob. -33c. -30c. -26c.

Accord. -30c.

Vib. 1

Vib. 2

Hrp.

Via. 1 -28c.

Via. 2 -29c.

Vc. -20c.

Cb. 1 -24c.

Cb. 2 -23c.

7'

Elec. -25c.

49

Fl. **8'** -21c. -19c. -15c.

Ob. -23c. -20c. -16c.

Accord. -20c. -10c.

Vib. 1

Vib. 2

Harp

Via. 1 -20c. -12c.

Via. 2 -21c.

Vc. -12c.

Cb. 1 -14c.

Cb. 2 -11c.

Elec. **8'** -15c.

55

Fl. 9' -11c. -9c. -5c.

Ob. -13c. -10c. -6c.

Accord. -5c.

Vib. 1

Vib. 2

Hp.

Vla. 1 -4c.

Vla. 2 -13c. -5c.

Vc. -4c.

Cb. 1 -4c.

Cb. 2 -2c.

Elec. 9' -5c.

10'

Fl. -1c. +1c. +4c.

Ob. -3c. ±0c. +3c.

Accord. ±0c.

Vib. 1

Vib. 2

Hp.

Via. 1 +4c.

Via. 2 +6c.

Vc. +4c.

Cb. 1 +4c.

Cb. 2 +7c.

10'

Elec. +5c.

11'

Fl. +7c. +11c. +14c.

Ob. +6c. +10c. +13c.

Accord. -95c.

Vib. 1

Vib. 2

Harp

Via. 1 +12c.

Via. 2 +12c.

Vc. +12c.

Cb. 1 +14c.

Cb. 2 +17c.

11'

Elec. +15c.

12'

73

Fl. +17c. +21c. +24c.

Ob. +16c. +20c. +23c.

Accord. -90c.

Vib. 1

Vib. 2

Hp.

Via. 1 +20c.

Via. 2 +20c.

Vc. +20c.

Cb. 1 +24c.

Cb. 2 +26c.

12'

Elec. +25c.

13'

Fl. +27c. +31c. +34c.

Ob. +26c. +30c. +33c.

Accord. -80c. -70c.

Vib. 1

Vib. 2

Hp.

Via. 1 +28c. +36c.

Via. 2 +28c.

Vc. +28c.

Cb. 1 +34c.

Cb. 2 +40c.

13'

Elec. +35c.

14'

85

Fl. +37c. +41c. +44c.

Ob. +36c. +40c. +43c.

Accord. -55c.

Vib. 1

Vib. 2

Hp.

Via. 1 +44c.

Via. 2 +36c. +44c.

Vc. +36c.

Cb. 1 +44c.

Cb. 2 +49c.

14'

Elec. +45c.

15'

Fl. +47c. -49c. -45c.

Ob. +46c. +50c. -46c.

Accord. -45c.

Vib. 1

Vib. 2

Hp. ±0c.

Via. 1 -48c.

Via. 2 -47c.

Vc. +44c.

Cb. 1 -44c.

Cb. 2 -44c.

15'

Elec. -45c.

16'

Fl. ⁹⁷ -41c. -39c. -35c.

Ob. -43c. -40c. -36c.

Accord. -40c.

Vib. 1 ±0c.

Vib. 2

Harp

Via. 1 -40c.

Via. 2 -39c.

Vc. -42c.

Cb. 1 -34c.

Cb. 2 -31c.

16'

Elec. -35c.

17'

Fl. ¹⁰³ -31c. -29c. -25c.

Ob. -33c. -30c. -26c.

Accord. -30c.

Vib. 1

Vib. 2

Hp.

Via. 1 -32c.

Via. 2 -31c.

Vc. -30c.

Cb. 1 -24c.

Cb. 2 -20c.

17'

Elec. -25c.

18'

109

Fl. -21c. -19c. -15c.

Ob. -23c. -20c. -16c.

Accord. -20c. -10c.

Vib. 1

Vib. 2 ±0c.

Hp.

Via. 1 -24c. -16c.

Via. 2 -23c.

Vc. -21c.

Cb. 1 -14c.

Cb. 2 -11c.

Elec. -15c.

19'

Fl. ¹¹⁵ -11c. -9c. -5c.

Ob. -13c. -10c. -6c.

Accord. -5c.

Vib. 1

Vib. 2

Hp.

Via. 1 -8c.

Via. 2 -16c. -7c.

Vc. -9c.

Cb. 1 -4c.

Cb. 2 -2c.

Elec. -5c.

20'

121

Fl. -1c. fin. (20'30")

Ob. -3c. ±0c. fin. (20'30")

Accord. fin. (20'30")

Vib. 1 fin. (20'30")

Vib. 2 fin. (20'30")

Hp. fin. (20'30")

Vla. 1 fin. (20'30")

Vla. 2 fin. (20'30")

Vc. fin. (20'30")

Cb. 1 fin. (20'30")

Cb. 2 fin. (20'30")

20'

Elec. fin. (20'30")