

DAVID BIEDENBENDER

REFRACTION

for reed quintet

BENT SPACE MUSIC

Commissioned by the Akropolis Reed Quintet.

Performance materials available from Bent Space Music (Publisher):
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First printed December 2015.

INSTRUMENTATION

Oboe
Clarinet in B^b
Alto Saxophone in E^b
Bassoon
Bass Clarinet in B^b

Duration: *ca.* 10:30

Transposed Score

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PROGRAM NOTE

Refraction was commissioned by the Akropolis Reed Quintet. *Refraction* is split into three distinct movements, each inspired by different musical sources that have been bent and distorted by time, space, and my imagination, much like light is bent as it enters a medium of different density. The first movement comes from a short, ridiculous, and awesome YouTube video called “Death Metal Chicken,” which features a chicken screaming over a death metal band (of course!). The second movement is called “Kyrie” and is dedicated to Guillaume de Machaut and Arvo Pärt. The third movement is called “Goat Rodeo” and is a strange mash-up of dubstep, funk, and musical pointillism, inspired by a *goat rodeo*, which is a slang term for a chaotic situation, often one that involves several people, each with a different agenda/vision/perception of what's going on; a situation that is very difficult, despite energy and efforts, in which to instill any sense or order.

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Refraction

for reed quintet

I. Death Metal Chicken

David Biedenbender

Relentless, heavy $\text{♩} = 96$
($\text{♩} = 192$)

Oboe

B \flat Clarinet

E \flat Alto Saxophone

Bassoon

B \flat Bass Clarinet

Ob.

Cl.

A. Sax.

Bsn.

B. Cl.

Ob.

Cl.

A. Sax.

Bsn.

B. Cl.

f like electric guitar distortion

f dark, reedy, bold

sim.

f dark, reedy, bold

sim.

pp

sim.

mp

ff

f

f

f

5

9

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Refraction

22

Ob.

Cl.

A. Sax.

Bsn.

B. Cl.

25

Cl.

A. Sax.

Bsn.

B. Cl.

29

Ob.

Cl.

A. Sax.

Bsn.

B. Cl.

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36 Pulsing

33

Ob. *mp* *ff* *sfz* *f slightly crazed*

Cl. *mp* *ff* *sfz mp*

A. Sax. *mp* *ff* *sfz mp*

Bsn. *ff*

B. Cl. *ff*

38

Ob. *sfz mp* *sfz mp*

Cl. *sfz mp* *sfz mp*

A. Sax. *sfz mp* *sfz mp*

44

Ob. *f*

Cl. *f*

A. Sax. *f*

Bsn. *f dark, reedy, bold*

B. Cl. *f dark, reedy, bold*

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Refraction

49

Ob. *f* like electric guitar distortion

Bsn. *sim.*

B. Cl. *sim.*

53

Ob. *sim.* *ff*

Cl. *pp* *5* *sim.* *5* *mp* *5* *f*

A. Sax. *pp* *5* *sim.* *5* *mp* *5* *5*

Bsn. *3*

B. Cl. *3*

57

Ob. *f* *3* *3* *3* *3* *3* *3* *3*

Cl. *3*

A. Sax. *f*

Bsn.

B. Cl.

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Refraction

60 61

Ob. *ff*

Cl. *ff*

A. Sax. *ff*

Bsn.

B. Cl.

63

Cl. *sim.*

A. Sax. *sim.*

Bsn.

B. Cl.

67 69

Ob.

Cl.

A. Sax.

Bsn.

B. Cl.

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Refraction

81

Ob. *mp* *ff*

Cl. *mp* *ff*

A. Sax. *mp* *ff*

Bsn. *ff*

B. Cl. *ff*

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II. Kyrie

for Machaut and Pärt

Adagio ♩ = 76

Ob. *p* chant *mp*

Cl. [optional: offstage] *pp* *lontano, like an echo* *p* [optional: offstage]

B. Cl. *p* *lontano, like an echo*

Ob. 6 8 *accel.*

Cl.

B. Cl.

11 14 *Con moto* ♩ = 96

Ob. *mf*

Cl. [return to center stage] *mp* [return to center stage]

B. Cl. [return to center stage] *mp*

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Refraction

20 Andante ♩ = 108

accel.

17

Ob. *f* *mp*

Cl. [center stage] *mf* *f* *mp*

A. Sax. *mf* *f* *mp*

Bsn. *f*

B. Cl. [center stage] *mf* *f*

22

Ob. *f*

Cl. *f*

A. Sax. *ff* *f*

Bsn. *mp* *ff*

B. Cl. *fp* *ff*

27

Ob. *mp*

Cl. *mp*

A. Sax. *mp*

Bsn. *mp*

B. Cl. *mp*

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45 Allegro moderato ♩ = 120

Refraction

Ob. *mf*

Cl. *mf*

A. Sax. *mf*

Bsn. *mf* *f* *mf*

B. Cl. *mf* *f* *mf*

50

Ob.

Cl.

A. Sax.

Bsn. *f* *mf*

B. Cl. *f* *mf*

55

Ob.

Cl.

A. Sax.

Bsn. *f* *ff* *p* *ff* *mp*

B. Cl. *f* *ff* *p* *ff* *mp*

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59 Shimmering

Refraction

Ob. *f* 3

Cl. *f* 3

A. Sax. *f* 3

Bsn. *f*

B. Cl. *f*

64

Ob. 3

Cl. 3

A. Sax. 3

Bsn. *p* 3 *ff*

B. Cl. 3 *ff*

67

Ob. *cresc.* 3

Cl. *cresc.* 3

A. Sax. *f* 3

Bsn. *p* *f* *p* *f* *p* *f* *p* *f*

B. Cl. *p* *f* *p* *f* *p* *f* *p* *f*

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Refraction

rit. (♩ = 66)

71

Ob. *ff*

Cl. *ff*

A. Sax. *ff*

Bsn. *p* *f* *p* *f* *p* *f* *p* *f* *ff*

B. Cl. *p* *f* *p* *f* *p* *f* *p* *ff*

75 Larghetto, wailing ♩ = 66

Ob. *f espr.*

Cl. *f espr.*

A. Sax. *f espr.*

Bsn. *f espr.*

B. Cl. *f espr.*

81

79

Ob. *ff*

Cl. *ff*

A. Sax. *ff*

Bsn. *ff*

B. Cl. *ff*

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Refraction

rit.

G.P.

83

Ob.

Cl.

A. Sax.

Bsn.

B. Cl.

ff

ff

ff

ff

6/4

89 Adagio ♩ = 60

Cl.

A. Sax.

Bsn.

B. Cl.

pp like an shadow

p espr., delicate

pp

mp espr.

pp warm

p

6/4

93

rit.

Cl.

A. Sax.

Bsn.

B. Cl.

mp

mf

mf

p

mp

mf

p

mp

mf

p

5/4

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III. Goat Rodeo

Swagger ♩ = 104

Ob. *pp* *ff* *f bold*

Cl. *pp* *ff* *f bold*

A. Sax. *pp* *ff* *f bold*

Bsn. *pp* *f gutsy*

B. Cl. *pp* *f gutsy*

Ob. *pp* *f*

Cl. *pp* *f*

A. Sax. *pp* *f*

Bsn. *f*

B. Cl. *f*

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6

Ob. *p* *f* *p* *f*

Cl. *p* *f* *pp* *f*

A. Sax. *p* *f* *pp* *f*

Bsn. *p* *f* *p* *f*

B. Cl. *p* *f* *p* *f*

Detailed description: This block contains the musical notation for measures 6 through 8. It features five staves: Oboe (Ob.), Clarinet (Cl.), Alto Saxophone (A. Sax.), Bassoon (Bsn.), and Bass Clarinet (B. Cl.). The music is written in treble clef for the first four staves and bass clef for the fifth. Measure 6 starts with a dynamic of *p* and features triplets and slurs. Measure 7 includes a *pp* dynamic and a five-measure slur. Measure 8 continues with triplets and dynamic markings of *p* and *f*. Fingerings and breath marks are indicated throughout.

9

10 Jam.

Ob. *ff* *mf* *ff* *f*

Cl. *ff* *mf* *ff* *f*

A. Sax. *ff* *mf* *ff* *mf* *mp* *f* *mf* *f*

Bsn. *p* *ff* *f*

B. Cl. *p* *ff* *f*

Detailed description: This block contains the musical notation for measures 9 through 11. It features the same five staves as the previous block. Measure 9 begins with a *ff* dynamic and includes triplets. Measure 10 is marked '10 Jam.' and features dynamics of *mf*, *ff*, and *f*. Measure 11 includes a *mp* dynamic and a complex melodic line with many notes. Fingerings and breath marks are indicated throughout.

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18

Ob.

Cl.

A. Sax.

Bsn.

B. Cl.

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21

Ob.

Cl.

A. Sax.

Bsn.

B. Cl.

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24

Ob. *ff* *f* *sfz* *sfz*

Cl. *ff* *f* *sfz* *sfz*

A. Sax. *ff* *f*

Bsn. *ff* *f* *mp* *ff* *f*

B. Cl. *ff* *f* *mp* *ff* *f*

27

Ob. *sfz* *sub. p*

Cl. *sfz* *p*

A. Sax. *p*

Bsn. *mp* *ff*

B. Cl. *mp* *ff* *p*

30

Ob. *f* *sub. p*

Cl. *f* *ff* *p*

A. Sax. *f* *ff* *mp* *ff* *p*

Bsn. *f* *ff* *mp* *ff* *p*

B. Cl. *f* *ff* *mp* *ff* *p*

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34 Funky

Ob. *mf*

Cl. *ff* *mf* *ff* *mf*

A. Sax. *mf*

Bsn. *ff*

B. Cl. *ff*

38

Ob. *mp*

A. Sax. *mp*

Bsn. *mf espr., relaxed*

solo

5

42

Ob.

Cl.

A. Sax.

Bsn.

3

5

f

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Refraction

46

Ob. *p*

Cl.

A. Sax. *solo*
mf espr., relaxed

B. Cl. *mf*

49

Ob.

Cl.

A. Sax.

B. Cl. *mp* *mf*

54

Ob. *ff*

Cl. *sfz* *p*

A. Sax. *ff* *sfz*

Bsn. *mf* *p* *ff* *mp*

B. Cl. *mp* *ff*

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55

Ob. *sfz* *p* *ff* *sfz* *p* *ff* *sfz*

Cl. *sfz* *p* *ff* *sfz* *p* *ff* *sfz* *sfz*

A. Sax. *p* *pp* *ff* *sfz* *p* *pp* *ff* *sfz*

Bsn. *p* *ff* *mp* *p* *ff* *mp*

B. Cl. *p* *pp* *ff* *p* *pp* *ff*

59

Ob. *p* *ff* *sfz*

Cl. *p* *ff* *sfz* *sfz*

A. Sax. *p* *pp* *ff* *sfz* *sfz*

Bsn. *p* *ff* *mp* *ff* *mp*

B. Cl. *p* *pp* *ff* *p* *ff*

62

(no rit.) (ca. 4")

Ob. *p* *pp* *mp*

Cl. *p* *pp* *mp*

A. Sax. *p* *pp* *mp*

Bsn. *p*

B. Cl. *p* *pp* *mp*

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65 Revving up (♩ = 104)

Refraction

Ob. *fp* *cresc.*

Cl. *fp* *cresc.*

A. Sax. *p* *cresc.*

Bsn. *mp* 6 6 *cresc.* 6 6 3 6

B. Cl. *mp* 6 6 *cresc.* 6 6 3 6

67

Ob.

Cl.

A. Sax.

Bsn. 6 6 6 6

B. Cl. 6 6 6 6

69 Swagger

Ob. *ff* *bold*

Cl. *ff* *bold*

A. Sax. *ff* *bold*

Bsn. 3 6 3 6 *ff gutsy*

B. Cl. 3 6 3 6 *ff gutsy*

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70

Ob. \flat IV IV IV 3

Cl. IV IV IV 3 5 *pp* *f*

A. Sax. IV IV IV 3 7 *pp* *f*

Bsn. 3 6

B. Cl. 3 6

72

Ob. IV IV IV 3 3 *f*

Cl. 3 *pp* *f* 3 *p* *f* 3

A. Sax. *pp* 5 *f* 3 *p* *f* 3

Bsn. 3 6

B. Cl. 3 6

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74

Ob. *p* *f* *ff* *mf*

Cl. *pp* *f* *ff* *mf*

A. Sax. *pp* *f* *ff* *mf*

Bsn. *p* *f* *p* *f* *p*

B. Cl. *p* *f* *p* *f* *p*

77

Ob. *ff* *f* *ff* *f*

Cl. *ff* *f* *ff* *f*

A. Sax. *ff* *mf* *mp* *f* *mf* *f* *mf* *f*

Bsn. *ff* *f* *ff* *f* *ff* *f*

B. Cl. *ff* *f* *ff* *f* *ff* *f*

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80 **81** (3+2)

Ob.
Cl.
A. Sax.
Bsn.
B. Cl.

mf *f*

This block contains the musical notation for measures 80, 81, and 82. The score is for five instruments: Oboe (Ob.), Clarinet (Cl.), Alto Saxophone (A. Sax.), Bassoon (Bsn.), and Bass Clarinet (B. Cl.). Measure 80 starts with a 3/4 time signature. Measure 81 begins with a 4/4 time signature and features a dynamic marking of *mf*. Measure 82 starts with a 3/8 time signature and includes a triplet of eighth notes marked with a '3' and a dynamic marking of *f*. A '(3+2)' annotation is placed above the Oboe staff in measure 82. A large watermark 'PROSAL' is visible across the page.

83 **85**

Ob.
Cl.
A. Sax.
Bsn.
B. Cl.

p *f* *p* *mf*

This block contains the musical notation for measures 83, 84, and 85. The instrumentation remains the same. Measure 83 is in 4/4 time. Measure 84 is in 3/4 time and features dynamic markings of *p* and *f*. Measure 85 is in 2/4 time and features a dynamic marking of *p*. A large watermark 'PROSAL' is visible across the page.

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Refraction

86

Ob.

Cl.

A. Sax.

Bsn.

B. Cl.

89

Ob.

Cl.

A. Sax.

Bsn.

B. Cl.

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Ob. *f* 6 3

Cl. *f* 6 3

A. Sax.

Bsn. *f* 6 3 3

B. Cl. *f* 6 3 3

93 Ob. 6 3

Cl. 6 3

A. Sax.

Bsn. 3 3 3

B. Cl. 3 6 3 3

94 Ob. 6 6 3

Cl. 6 6 3

A. Sax.

Bsn. 3 3 3

B. Cl. 3 3 3

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Refraction

98

Ob.
Cl.
A. Sax.
Bsn.
B. Cl.

99

Ob.
Cl.
A. Sax.
Bsn.
B. Cl.

100 Ecstatic ♩ = 156

(← 3 → = ♩ →)

Ob.
Cl.
A. Sax.
Bsn.
B. Cl.

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105

Ob.
Cl.
A. Sax.
Bsn.
B. Cl.

ff

Detailed description: This system contains measures 105, 106, and 107. The woodwinds (Ob., Cl., Bsn., B. Cl.) play a rhythmic pattern of eighth notes with slurs and accents. The saxophone (A. Sax.) has a rest in measure 105 and enters in measure 106 with a series of eighth notes. A dynamic marking of *ff* (fortissimo) is present in measure 107. Fingerings of 5 are indicated for the saxophone and bassoon.

108

Ob.
Cl.
A. Sax.
Bsn.
B. Cl.

Detailed description: This system contains measures 108, 109, and 110. The woodwinds continue with their rhythmic pattern. The saxophone and bassoon play eighth-note patterns with slurs and accents. The bassoon part includes slurs and accents over eighth notes.

111

Ob.
Cl.
A. Sax.
Bsn.
B. Cl.

Detailed description: This system contains measures 111, 112, and 113. The woodwinds continue with their rhythmic pattern. The saxophone and bassoon play eighth-note patterns with slurs and accents. The bassoon part includes slurs and accents over eighth notes. Measure 113 features triplets in the saxophone, bassoon, and baritone clarinet parts.

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Musical score for Refraction, measures 114-116. The score is for woodwinds: Oboe (Ob.), Clarinet (Cl.), Alto Saxophone (A. Sax.), Bassoon (Bsn.), and Bass Clarinet (B. Cl.).

Measure 114: Oboe, Clarinet, and Bass Clarinet play a triplet of quarter notes. Alto Saxophone and Bassoon play a quarter note. Dynamics are *ffp*.

Measure 115: Oboe, Clarinet, and Bass Clarinet play a quarter note. Alto Saxophone and Bassoon play a quarter note. Dynamics are *fff*.

Measure 116: Oboe, Clarinet, and Bass Clarinet play a quarter note. Alto Saxophone and Bassoon play a quarter note. Dynamics are *p* followed by *fff*.

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