

REFRACTIONS

Kevin Poelking

Perusal Score- Not for Performance

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Refractions (2023)

Instrumentation

Flute I-II
Oboe (divisi)
Bassoon (divisi)

Clarinet in Bb I-II-III
Bass Clarinet

Alto Saxophone I-II
Tenor Saxophone
Baritone Saxophone

Trumpet in Bb I-II-III
Horn I-II
Trombone I-II-III
Euphonium
Tuba

Timpani

Percussion I:
Glockenspiel, Xylophone

Percussion II:
Vibraphone, Marimba, Chimes

Percussion III:
Bongos, 2 Low-Toms, Suspended Cymbal

Percussion IV:
*Tambourine, Brake drum, Cabasa, Triangle,
Tam-tam, Crash Cymbals*

Duration: ca. 2 ½ minutes

Note from the Composer:

Refraction | ri'frakʃ(ə)n | noun [mas., noun]

Physics- the fact or phenomenon of light, radio waves, etc. being deflected in passing obliquely through the interface between one medium and another or through a medium of varying density.

Change in direction of propagation of any wave as a result of its travelling at different speeds at different points along the wave front.

-from Oxford Languages

While it can be played as a stand-alone piece, this work was written to be performed in tandem with *Light Descending*. The two pieces were part of the 2023 Purposeful Repertoire Consortium and were composed with musical elements and the theme of “light” in common to create separate but complimentary works. (Similar to the common practice of performing Grainger’s *Irish Tune* with the shorter *Shepherd’s Hey*.)



More information, recordings, composer bio and contact at
KevinPoelking.com

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The 2023 Purposeful Repertoire Consortium Members

This work is a collaboration between the composer and a small consortium of conductors with intimate knowledge of the repertoire and the needs of ensembles in this genre.

All members agreed that this work should be available to all ensembles after an unusually short "exclusivity period" in order to provide a new piece to the concert band community that they serve.

Dr. Cassandra Bechard
University of Northwestern St. Paul

Dr. Zach Cheever
Indiana University of Pennsylvania

Mr. Nick Garofalo
Chattahoochee High School

Mr. Aaron Hornian
Fossil Ridge High School

Mr. Robert Hickey
Penn State University

Dr. Betsy McCann
University of Minnesota- Twin Cities

Dr. Cory Near
Luther College

Dr. Jonathan Sweet
Washington State University

Dr. Jayme Taylor
Colorado State University

Dr. JoAnn Wieszczyk
Moravian University

Dr. Quintus F. Wrighten Jr.
University of South Carolina

Perusal Score! Not for Performance

Score

for concert band

Refractions

Kevin Poelking (2023)

Intense ♩ = 144

PERUSA! Score Not for Performance

Intense ♩ = 144

Flute 1

Flute 2

Oboe

Bassoon

Clarinet in B♭ 1

Clarinet in B♭ 2

Clarinet in B♭ 3

Bass Clarinet

Alto Sax 1

Alto Sax 2

Tenor Sax

Baritone Sax

Trumpet in B♭ 1

Trumpet in B♭ 2

Trumpet in B♭ 3

Horn in F 1

Horn in F 2

Trombone 1

Trombone 2

Trombone 3

Euphonium

Tuba

Timpani

Percussion I

Percussion II

Percussion III

Percussion IV

Tamb.

Glock.

Xylo.

Vib+Mba

Bongos with sticks

Low-Toms

Brake Drum

ff

f

pp

mf

ff

mf

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PERUSA! Score Not for Performance

Fl. 1
Fl. 2
Ob.
Bsn.
B♭ Cl. 1
B♭ Cl. 2
B♭ Cl. 3
B. Cl.
A. Sx. 1
A. Sx. 2
T. Sx.
B. Sx.

B♭ Tpt. 1
B♭ Tpt. 2
B♭ Tpt. 3
Hn. 1
Hn. 2
Tbn. 1
Tbn. 2
Tbn. 3
Euph.
Tuba
Tim.
Perc. I
Perc. II
Perc. III
Perc. IV

7 8 9 10 11 12

PERUSAL SCORE! Not for Performance

14

Fl. 1

Fl. 2

Ob.

Bsn.

B♭ Cl. 1

B♭ Cl. 2

B♭ Cl. 3

B. Cl.

A. Sx. 1

A. Sx. 2

T. Sx.

B. Sx.

B♭ Tpt. 1

B♭ Tpt. 2

B♭ Tpt. 3

Hn. 1

Hn. 2

Tbn. 1

Tbn. 2

Tbn. 3

Euph.

Tuba

Timp.

Perc. I

Perc. II

Perc. III

Perc. IV

14

15

16

17

18

Fl. 1

Fl. 2

Ob.

Bsn.

B♭ Cl. 1

B♭ Cl. 2

B♭ Cl. 3

B. Cl.

A. Sx. 1

A. Sx. 2

T. Sx.

B. Sx.

B♭ Tpt. 1

B♭ Tpt. 2

B♭ Tpt. 3

Hn. 1

Hn. 2

Tbn. 1

Tbn. 2

Tbn. 3

Euph.

Tuba

Tim.

Perc. I

Perc. II

Perc. III

Perc. IV

ff

mf

f

ff

scraper w/ metal beater

[19]

[20]

[21]

[22]

[23]

[24]

PERUSAL SCORE! Not for Performance

25

Fl. 1

Fl. 2

Ob.

Bsn.

B♭ Cl. 1

B♭ Cl. 2

B♭ Cl. 3

B. Cl.

A. Sx. 1

A. Sx. 2

T. Sx.

B. Sx.

B♭ Tpt. 1

B♭ Tpt. 2

B♭ Tpt. 3

Hn. 1

Hn. 2

Tbn. 1

Tbn. 2

Tbn. 3

Euph.

Tuba

Tim.

Perc. I

Perc. II

Perc. III

Perc. IV

ff

ff

ff

mp

> mp

> mp

> mp

mp

n.

pp

n.

gliss.

p

f

mp

mp

gliss.

p

f

mp

mp

p

f

mp

pp

Glock.

Chimes

w/ mallets

f

pp

w/ mallets

f

pp

w/ mallets

f

w/ mallet

p

25

26

27

28

29

30

Score, p. 5

43

molto rit.

a tempo

Fl. 1

Fl. 2

Ob.

Bsn.

B♭ Cl. 1

B♭ Cl. 2

B♭ Cl. 3

B. Cl.

A. Sx. 1

A. Sx. 2

T. Sx.

B. Sx.

B♭ Tpt. 1

B♭ Tpt. 2

B♭ Tpt. 3

Hn. 1

Hn. 2

Tbn. 1

Tbn. 2

Tbn. 3

Euph.

Tuba

Timp.

Perc. I

Perc. II

Perc. III

Perc. IV

PERUSAL SCORE

Not for Performance

PERUSAL SCORE

[41] [42] [43] [44] [45] [46] [47]

Score, p. 8

tutti

49

Fl. 1 *sfz tutti* *f biting!*

Fl. 2 *sfz* *f biting!*

Ob. *f biting!*

Bsn. —

B♭ Cl. 1 *sf tutti* *f biting!*

B♭ Cl. 2 *f biting!*

B♭ Cl. 3 *f biting!*

B. Cl. —

A. Sx. 1 *ff tutti* *f biting!*

A. Sx. 2 *f biting!*

T. Sx. *f biting!*

B. Sx. —

B♭ Tpt. 1 —

B♭ Tpt. 2 straight mute

B♭ Tpt. 3 *f biting!*
straight mute

Hn. 1 —

Hn. 2 —

Tbn. 1 —

Tbn. 2 —

Tbn. 3 —

Euph. —

Tuba —

Timp. *ff*

Perc. I —

Perc. II *ff*

Perc. III —

Perc. IV *ff*

PERUSA SCORE! Not for Performance

Perusal Score! Not for Performance

Fl. 1

Fl. 2

Ob.

Bsn.

B♭ Cl. 1

B♭ Cl. 2

B♭ Cl. 3

B. Cl.

A. Sx. 1

A. Sx. 2

T. Sx.

B. Sx.

B♭ Tpt. 1

B♭ Tpt. 2

B♭ Tpt. 3

Hn. 1

Hn. 2

Tbn. 1

Tbn. 2

Tbn. 3

Euph.

Tuba

Tim.

Perc. I

Perc. II

Perc. III

Perc. IV

59

60

61

62

63

Score, p. 11

64

Fl. 1

Fl. 2

Ob.

Bsn.

B♭ Cl. 1

B♭ Cl. 2

B♭ Cl. 3

B. Cl.

A. Sx. 1

A. Sx. 2

T. Sx.

B. Sx.

B♭ Tpt. 1

B♭ Tpt. 2

B♭ Tpt. 3

Hn. 1

Hn. 2

Tbn. 1

Tbn. 2

Tbn. 3

Euph.

Tuba

Timp.

Perc. I

Perc. II

Perc. III

Perc. IV

Perusal Score
Not for Performance

87

Fl. 1
Fl. 2
Ob.
Bsn.
B♭ Cl. 1
B♭ Cl. 2
B♭ Cl. 3
B. Cl.
A. Sx. 1
A. Sx. 2
T. Sx.
B. Sx.

B♭ Tpt. 1
B♭ Tpt. 2
B♭ Tpt. 3
Hn. 1
Hn. 2
Tbn. 1
Tbn. 2
Tbn. 3
Euph.
Tuba

Tim.
Perc. I
Perc. II
Perc. III
Perc. IV

Perusal Score Not for Performance

81 82 83 84 85 86 87

Score, p. 15

Fl. 1

Fl. 2

Ob.

Bsn.

B♭ Cl. 1

B♭ Cl. 2

B♭ Cl. 3

B. Cl.

A. Sx. 1

A. Sx. 2

T. Sx.

B. Sx.

B♭ Tpt. 1

B♭ Tpt. 2

B♭ Tpt. 3

Hn. 1

Hn. 2

Tbn. 1

Tbn. 2

Tbn. 3

Euph.

Tuba

Timp.

Perc. I

Perc. II

Perc. III

Perc. IV

PERUSAI SCORE! Not for Performance

pp

ff

Vib+Mba

gliss.

choke

pizz.

C.C.

ff

Score, p. 16