

Refraction

for

Clarinet, Violin and Piano

by

Keith A. Hamel

*Commissioned by the Ensemble Intercontemporain as part of the
1991 Scotia Festival of Music*

PIANO PART

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Duration: 10 min.

Performance Rights: SOCAN

Performance Notes

General:



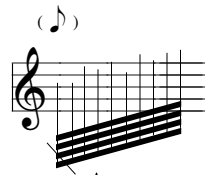
as fast as possible



unmeasured, but played at approximately the speed indicated.



repeat pattern continuously



move fingers rapidly (in random order) and gradually move up the string

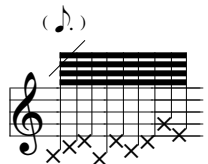


as high as possible on the specified string

Clarinet:

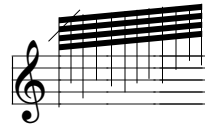


always denotes flutter-tongue

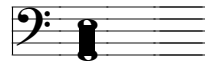


audible key clicks and breathy notes; some pitch, but mostly air

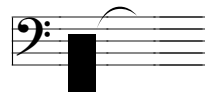
Piano:



play random notes as quickly as possible (in the approximate register indicated)

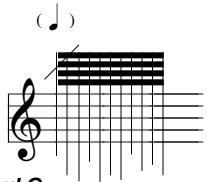


chromatic cluster



hit piano strings with the palm of the hand and let the strings resonate

Violin:



move fingers rapidly (in random order) on specified string



pitches sustained by sostenuto pedal

Additional piano pedalings may be desirable. All notated pedal indications should be taken to be advisory in nature.

Refraction - Keith Hamel

Piano

♩ = 60

Musical score for measures 1-4. The piece is in 4/4 time. The right hand starts with a piano (*p*) chord. The left hand features a series of chords and melodic lines with dynamic markings: *ppp*, *pp*, *ff*, *p*, *f*, and *mf*. There are triplets in the right hand and a *ff* dynamic in the left hand.

5

Musical score for measures 5-8. The right hand has a melodic line with dynamics *pp* and *mp*. The left hand has a rhythmic accompaniment with dynamics *mp*, *p*, *pp*, and *mp*. There are triplets and a *ff* dynamic in the left hand.

9

Musical score for measures 9-11. The right hand has a melodic line with dynamics *fff*, *pp*, *ff*, *f*, and *f*. The left hand has a rhythmic accompaniment with dynamics *mf*, *fff*, *ff*, *mf*, and *f*. There are triplets and a *ff* dynamic in the left hand.

12

Musical score for measures 12-15. The right hand has a melodic line with dynamics *ff*, *pp*, *p*, and *fff*. The left hand has a rhythmic accompaniment with dynamics *mp*, *mf*, *f*, and *fff*. There are triplets and a *ff* dynamic in the left hand.

14

p *mf* *pp* *mp* *mf* *f*

ff *mp* *mp* *mp*

And.

16

mp *ff* *mf*

ff *f*

And.

18

ff *mf* *f*

ff

as fast as possible *ff* *mf* *gradually vary loudness p - f*

And.

20

ff *mp* *p*

sfz

And.

3

22

8va-... loco

mp *f* *mf*

mp *f*

ff *ff*

8

loco

mf cresc. poco a poco...

(Ped.)

24

ff *mf* *f* *ff*

ff *fff* *mf* *fff*

8vb-... loco

(Ped.)

26

8

loco

p *p* *f* *legato* *pp*

f

(Ped.) / Sostenuito

29

sempre p *f* *mf* *mp* *f* *mf*

mf *mp*

(sost) / Senza ped.

32

mp mp mf f

ped.

35

mp f mp f ff

ped.

38

f ff

ped.

41

♩ = 48

ppp pp fff

ped.

U.C.

46

p ff p p

ped.

U.C.

5

49

mp *ff* *mp* *fff*

ped.

52

$\text{♩} = 60$

pp *mf* *mp* *p*

U.C. *ped.*

56

$\text{♩} = 72$

p *mf* *ff* *f*

U.C. *ped.* / *Senza ped.*

59

mf *f* *ff*

mp *mf*

61

ff *ff*

ped.

73

Musical score for measures 73-76. The score is in 3/4 time and features a complex piano part with multiple staves. Dynamics include *ff*, *p*, *mp*, and *fff*. Trills and slurs are used throughout. A *loco* marking is present in measure 76. The bass line includes a *ff* dynamic in measure 76.

(Ped.)
(Sost.)

75

Musical score for measures 75-76. The score continues from the previous system. Dynamics include *mf*, *mp*, *f*, and *fff*. Trills and slurs are used throughout. The bass line includes a *fff* dynamic in measure 76.

(Ped.)
(Sost.)

77

Musical score for measures 77-78. The score continues from the previous system. Dynamics include *mf*, *f*, and *fff*. Trills and slurs are used throughout. A box contains the instruction "hit piano strings with palm of hand". The bass line includes a *fff* dynamic in measure 78.

(Ped.)
(Sost.)

79

Musical score for measures 79-82. The score continues from the previous system. Dynamics include *mf* and *f*. A box contains the instruction "clar gliss". The bass line includes a *mf* dynamic in measure 82. A tempo marking of $\text{♩} = 48$ is present at the beginning of the system.

(Ped.) / Senza ped.

92

fff
Red.
loco
sfz

94

f
fff
Red.

97

loco
fff
Red.

99

ff
Red.
ff
loco

103

$\text{♩} = 68$

fff
ppp
pp
gradually vary dynamic level ppp - mp
fff
ppp
pp
gradually vary dynamic level ppp - mp
Red.

106

(Ped.)

109

mp poco a poco cresc ... *f molto cresc ...* *ffff*

mp poco a poco cresc ... *f molto cresc ...* *ffff*

(Ped.)

111

$\text{♩} = 92$
lv

ppp *poco cresc ...*

(Ped.)

117

pp *p* *mp* *mf*

(Ped.)

122

mf *f*

(Ped.) / Senza ped.

126

ff *fff* *subito mp* *subito mp* *subito mp*

8va-... loco

(Ped.)

130

mf f

mf f

134

f f

Red. Red. Red. Red.

139

f ff

Red. Red. Red.

144

sfz f fff mf

Red. Red.

148

f ff

Red.

11

152 ⁸

fff *ffff* *fff*

Red. *Sost.* *Red.*

156 ⁸

p *pp* *pp* *pp* *pp* *pp*

(sost.)

161

p *PPP* *ppp* *ppp* *ppp*

(sost.)

167

pp *pp*

(sost.)

173

ppp *ppp*

(sost.)

179

pp

(*sost.*) _____