

# Refraction

for

Clarinet, Violin and Piano

by

Keith A. Hamel

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

## **VIOLIN PART**

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Duration: 10 min.

Performance Rights: SOCAN

# Performance Notes

## General:



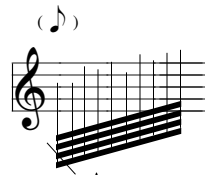
as fast as possible



unmeasured, but played at approximately the speed indicated.



repeat pattern continuously



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

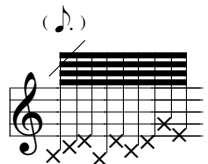


as high as possible on the specified string

## Clarinet:

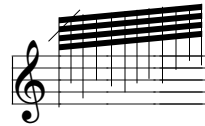


always denotes flutter-tongue

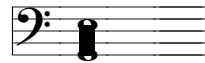


audible key clicks and breathy notes; some pitch, but mostly air

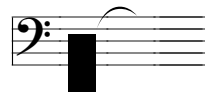
## Piano:



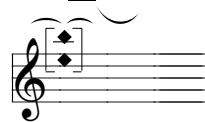
play random notes as quickly as possible (in the approximate register indicated)



chromatic cluster

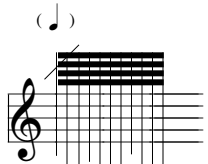


hit piano strings with the palm of the hand and let the strings resonate



pitches sustained by sostenuto pedal

## Violin:



move fingers rapidly (in random order) on specified string

*sul G*

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

# Refraction - Keith Hamel

Violin

$\text{♩} = 60$

*pp* *pppp* *ppp* *p* *ppp* *p* *pp*

5 *ppp* *pp* *ppp* *ppp* *p* *ppp* *p* *mp* *p*

9 *mp* *p* *mp* *mp* *mf* *fp* *fp*

12 *fp* *fp* *fp* *fp* *fp* *ffp*

14 *ffp* *mf* *p* *mf* *p* *poco* *f* *p* *f* *p* *f*

16 *mp* *f* *mp* *ff* *mf* *ff* *mf* *ff* *mf*

18 *ff* *sfz* *mf* *f*

20 *mf* *f* *mf* *f* *mf*

22 *f* *f* *ff* *f* *ff*

24 *f* *ff* *f* *ff* *f* *ff* *mp* *f*

*poco* *gliss*

15 16

15 16

26 *ffpp* *mfpp* *mfpp* *mfpp* *mfpp* *mfpp* *fp* *pp*

29 *mp* *pp* *mf* *p* *pp* *p* *poco* *poco* *poco*

32 *poco* *mf* *poco* *poco* *poco* *poco* *poco* *f* *f* *Pizz.*

35 *ffp* *mf* *Arco*

38 *p* *pp* *f* *p* *mp* *p* *fmp* *ff* *fff*

41 *sub.* *p* *mf* *p* *♩ = 48*

46 *mp* *p*

49 *mp* *f* *ffp* *mfpp* *mp* *ff* *mp* *ff* *fff*

52 *tremolo* *ffp* *ffp* *ffp* *mp* *p* *pp* *p* *♩ = 60*

56 *ffp* *ffp* *p* *ffmp* *mf* *ffp* *fff* *♩ = 72*



89 *col legno battuto* *sul G* *mf* *1/2 col legno* *fff* *gliss* *pp*

94 *1/2 col legno* *sul D* *mf* *ff*

97 *pp* *(sul A)* *(sul E)* *as high as possible (sul E)* *fff* *fffp* *change to all hair ...*

99 *ord. (non col legno)* *mf* *p* *ff* *ffp* *ff* *ffp*

101 *ff* *ffp* *ff* *ffp* *ff*

103 *♩ = 68* *ffp* *sul A* *sul D* *mp* *ff* *ffp* *ff* *ffp*

106 *ffp* *ff* *ffp* *ff* *ffmp* *ff* *mf*

109 *ff* *ff* *mf* *ff* *mp* *ff* *f* *fff*

111 *gliss* *fff* *mp* *PPPP* *molto legato* *pp*

117 *poco a poco cresc. ...* *mf*

122 *f*

126 *ff*

130 *fp fp fp fp fp fp* *f*

134 *p < f ff mf ff > mf < ff > mp < ff > ff > mp*

138 *ff > mf < ff > mf < ff > fff mp < ff mp < ff*

144 *< ffp mp < fmp p < fmp*

148 *< fmp fmp fmp*

152 *ffp ffp < fp < fp*

156 *< fp < fp mfp mfp mfpp*

161 *< mp > pp mfpp < mp > ppp*

167 *p > ppp < pp poco p > ppp < mp > ppp < mp > ppp* *poco a poco sul pont ...*

173 *sul pont (at the tip) poco a poco ord ... ord.* *ppp mp pp*