

Violin 1

Refractions

for string quartet

Tom Lane

Commissioned in 2021 by the Banbha Quartet with an Arts Council of Ireland Commissioning Award.
First performed 21st of September 2022.

Duration: Approximately 12 minutes

Programme note:

The title “Refractions” refers in part to the kaleidoscopic harmony of the piece's musical material – rotating clashing major thirds whose close proximity create colourful contrast. This material is then continuously refracted using various techniques to create alternating sections which explore the potential of this rich musical content. Structurally, the piece continuously returns to the musical material of the opening in a quasi-rondo form. The intervening passages develop different characteristics of the opening material until an extended melodic passage is reached about two thirds of the way through the piece. A densely chromatic rising section builds tension before returning to a reimagined version of the music from the beginning of the piece.

Performance notes:

All bowings are suggestions only and may be changed as necessary.

Multiple bow strokes should be used for any long notes, particularly when volume is required.

Tempos are flexible and may be varied as desired.

Stems marked with three strokes should be played as unmeasured *tremolo*.

Violin 1

Refractions

for String Quartet

Tom Lane

January - July 2022

Flowing $\text{♩} = \text{c. } 90$



7

Vla.: $\text{♩} = \text{c. } 90$

p

14

18

A

22

f

p — *f*

p

B pizz.

27

f

pp

31

34

C

38

f

Refractions - Violin 1

2

44 Vla.: arco *p*

51 *f* *p*

55

D

60 *f* *p* *f* *p*

E

65 *f* *p*

F *Grazioso* $\text{♩} = \text{c. } 64$

71 *sfs* *subito p* *rit.* *pp* *pp*

78 *mf* *pp*

G

88 *mf* *p*

93 *ff* *p* *sfs*

H *Flowing* $\text{♩} = \text{c. } 90$

100 *subito p* *ppp*

Refractions - Violin 1

Vla.:

3
107

113

118

122

126

J *poco meno mosso*

131

138

K *Con moto*

145

151

155

Vla.:

I

f

p

c. 84

c. 94

rit.

leggiero

pp

mf

Refractions - Violin 1

4

160

164

168

173

L

177

181

185

M

189

rit.

5

N *Misterioso* Refractions - Violin 1

195 2 $\text{= c. } 58$ 2 *sul tasto*

G.P. *ppp*

203 *ord.* 8^{va} *pp*

209 *p*

213 **O** *pp*

216 *poco accel.*

219 **Poco più mosso** $\text{= c. } 68$

p *cresc.*

poco a poco accelerando

mf *cresc.*

222 *f* *cresc.*

$\text{= c. } 88$ *accel.*

225 *ff* *cresc.*

P $\text{= c. } 74$ (V)

ff *p*

238 *rit.* **Q** *Flowing* $\text{= c. } 90$

ppp *p*

Refractions - Violin 1

6

244

248

252

8va--, R

f

p

< f

p

f

S Grazioso

rit.

pp

T Presto $\text{♩} = \text{c. } 130$

mf

271

f

275

279

U

ff

sffz

sffz

sffz

V Grazioso $\text{♩} = \text{c. } 64$

p

sffz

Violin 2

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Refractions

for String Quartet

Violin 2

Tom Lane

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Flowing $\text{♩} = \text{c. } 90$



7

Vla.:

p

14

f

p

18

A

22

f

p

27

B

pizz.

f

pp

31

$\text{b} \text{ ♭}$

34

$\text{b} \text{ ♭}$

38

f

C

Refractions - Violin 2

2

45 Vla.: arco p

52 f p

56 D

60 f p f

65 E (V) f p p

71 rit. $sfsz$ *subito p* pp pp

78 mf pp

83 G mf p

88 mf p

93 (V) ff p $sfsz$

100 H Flowing $\text{♩} = \text{c. } 90$
subito p ppp

Refractions - Violin 2

3

107

Vla.: < f

113

f
p

118

f
p

122

I
f
p

126

< f
p
f

131

J poco meno mosso

$\text{♩} = \text{c. } 84$

(V)

f > p f > p f > p f > p f

138

f > p f > p

146

rit.

f > p ppp p f > p p leggiero
Con moto
 $\text{♩} = \text{c. } 94$

152

<>
<>
<>
pp

Refractions - Violin 2

4

156

160

164

mf

p

168

subito *p*

L

172

176

180

mf

M

184

f

rit.

188

G.P.

192

2

G.P.

N *Misterioso* $\text{♩} = \text{c. } 58$
197 *sul G sul tasto*

Refractions - Violin 2

197

ppp

200

203

206

209

212

poco accel.

215

ord.

p

218

pp *cresc.*

poco a poco accelerando

mf *cresc.*

220

f *cresc.*

ff *cresc.*

ff

P $\text{♩} = \text{c. } 74 (\text{V})$

223

ff

ff

(V)

(V)

ff

P $\text{♩} = \text{c. } 74 (\text{V})$

228

ff

ff

(V)

(V)

ff

P $\text{♩} = \text{c. } 74 (\text{V})$

231

238 *rit.* Refractions - Violin 2

Q Flowing $\text{♩} = \text{c. 90}$

244

248

252 **R**

256 **S**

261 **Grazioso** $\text{♩} = \text{c. 64}$

266 **rit.** **T** **Presto** $\text{♩} = \text{c. 130}$

271

275

279 **U**

284 **V** **Grazioso** $\text{♩} = \text{c. 64}$

Viola

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Viola

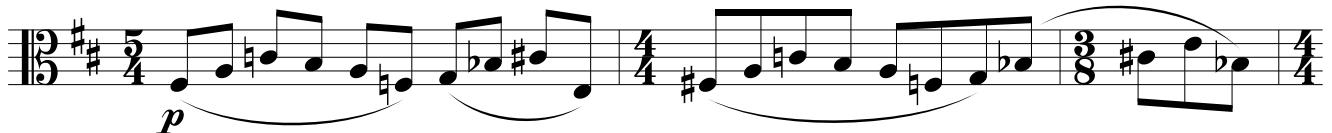
Refractions

for String Quartet

Tom Lane

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Flowing $\text{♩} = \text{c. } 90$



4

8

12

18

23

27

32

38 pizz. **C** arco Refractions - Viola

42

46

49

53

60 **D**

64

E Vln. 1, vln 2:

3 F **Grazioso** $\text{♩} = \text{c. } 64$ Refractions - Viola
 arco (V)

81

3 G **mf** pp mf
 86 p mf p

91 ff p

97 (V) sfz subito p ppp

H **Flowing** $\text{♩} = \text{c. } 90$

103 p

107 f p

III

115 f p

121 I f p f

126 f p f

J **poco meno mosso** $\text{♩} = \text{c. } 84$ (V)

131 f p f p f

Refractions - Viola

138

146

152

156

160

164

168

172

176

180

184

188

192

K Con moto $\text{d} = \text{c. 94}$

L

M

2

G.P.

N 5 *Misterioso* ♩ = c. 58

Refractions - Viola

6

Q Flowing $\text{♩} = \text{c. } 90$

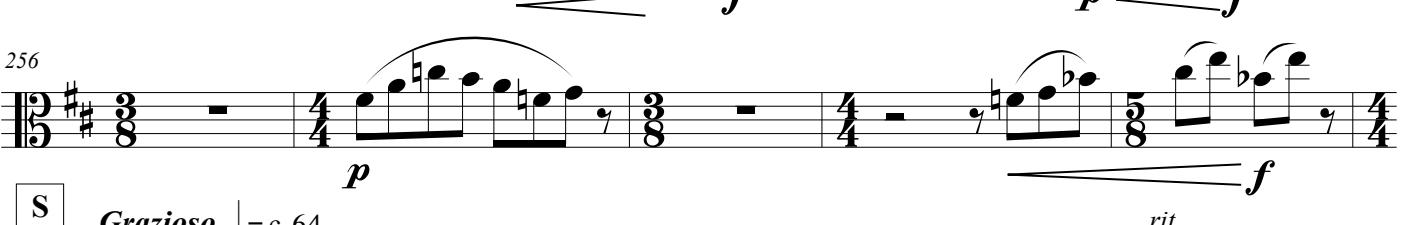
Refractions - Viola

240 

244 

248 

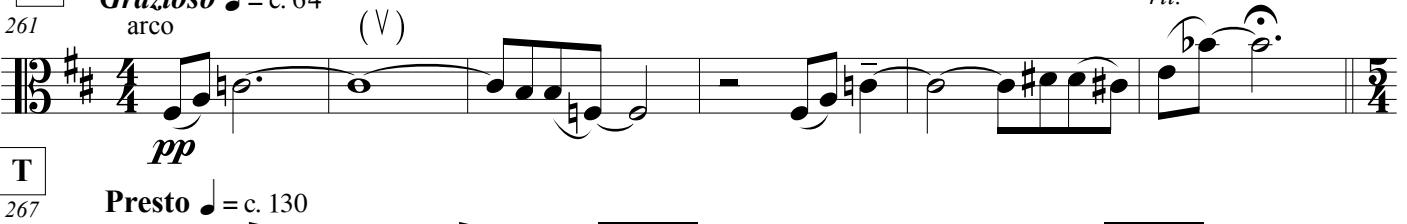
252 

256 

S Grazioso $\text{♩} = \text{c. } 64$

261 arco (V) rit.

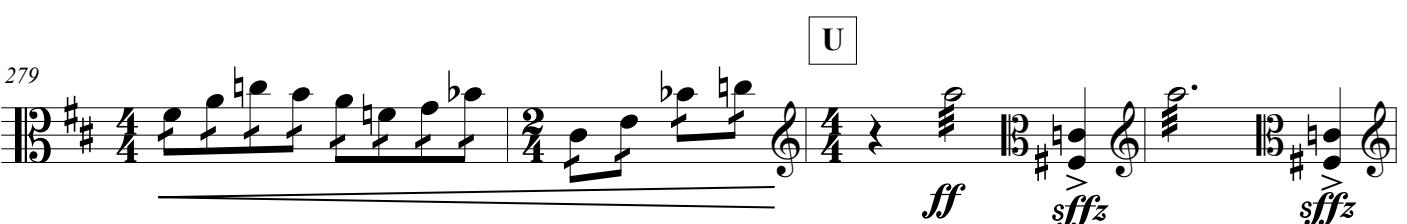
T Presto $\text{♩} = \text{c. } 130$

267 

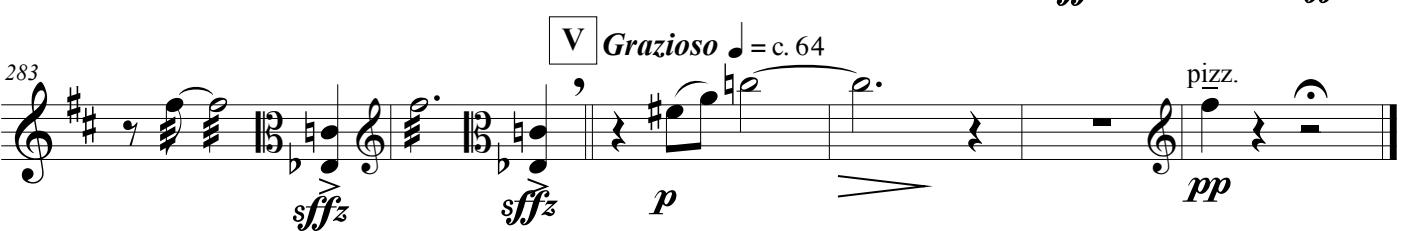
271 

275 

U

279 

V Grazioso $\text{♩} = \text{c. } 64$

283 

Cello

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Refractions

Cello
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Tom Lane
January - July 2022

Flowing $\text{♩} = \text{c. } 90$

1

4

8

11

15

22

26

31

A

B

© Tom Lane

Refractions - Cello

C

2

36

36

C
arco

f

p

40

40

44

44

f

p

47

47

51

51

f

p

56

56

D

f

61

61

p

f

65

65

E

Vln. 1, vln 2:

f

pizz. ♫

sfsz

3
 73 **F** *Grazioso* $\text{♩} = \text{c. } 64$ Refractions - Cello
 arco (\vee)
 81
G mf pp mf
 86 **G** p mf p
 91 (\vee)
 97 (\vee) ff p
H Flowing $\text{♩} = \text{c. } 90$
 103 p
 106 p f
 110 p f
 113 f
 117
I p
 124 f $p-f$ p $poco meno mosso$ $\text{♩} = \text{c. } 84$ (\vee)
 128 f $f=p$
 133 f $f=p$ $f=p$

Refractions - Cello

140

147

153

157

161

165

169

173

178

183

188

191

2

G.P.

Refractions - Cello

5

N *Misterioso*197 $\text{♩} = \text{c. } 58$ 2 *sul tasto*

ppp

204

208

212

O

poco accel.
poco a poco accelerando

P

Q *Flowing* $\text{♩} = \text{c. } 90$

Refractions - Cello

6

243

243

247

247

250

250

254

254

258

258

263

263

267

267

270

270

274

274

277

277

281

281

287

287

V *Grazioso* $\text{♩} = \text{c. } 64$