

Full Score

Lavoisier's Mirrors

for symphony orchestra

by Chris Roe

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Instrumentation

1 Piccolo
2 Flutes
2 Oboes
1 Cor Anglais
2 Clarinets in Bb
1 Bass Clarinet in Bb
3 Bassoons (III = Contrabassoon)

4 Horns in F
4 Trumpets in Bb (including 1 in balcony or behind the audience if possible)
3 Trombones (including 1 in balcony or behind the audience if possible)
1 Bass Trombone
1 Tuba

1 Timpani (Complete set of 5 drums)

4 Percussion (including 1 in balcony or behind the audience if possible):

1 - Marimba, Xylophone, Temple Blocks (5 different pitches), Suspended Cymbals (1 large, 1 small)
2 - Vibraphone, Glockenspiel, Crotales, Almglocken, Roto-toms (5 drums), Snare Drums,
 Suspended Cymbals (1 large, 1 small), Cabasa
3 - Bass Drum, Tam-tams (1 large, 1 small), Snare Drum, Flexatone, Maracas
4 - Suspended Cymbals (1 large, 1 small), Snare Drum, Temple Blocks (5 different pitches)

1 Celeste/Piano

Violin I (14 players minimum)
Violin II (12 players minimum)
Viola (10 players minimum)
Violoncello (8 players minimum)
Double Bass (6 players minimum)

* Score is in C. All normal octave transpositions are observed.

Duration

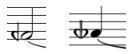
c.13'30"

Performance Notes

Woodwind



- Flutter-tongued note. (Fl., Cl.)



- Quarter-tones to be produced by changes in embouchure. (Fl., Cl.)

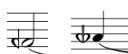


- Bend note in direction of line with embouchure change. (Fl., Cl.)

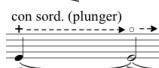
Brass



- Flutter-tongued note. (Tpt., Tbn.)



- Quarter-tones to be produced by changes in embouchure/hand-stopping. (Hn.)



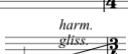
- Use plunger mute, closed (+) to open (o) to produce 'Wah-wah' sound. (Tpt., Tbn.)



- Hand-stopped (+) and open (o) (Tpt., Tbn.)



- Rip *gliss.*, as in Big Band jazz! (Tpt.)



- Fast harmonic *gliss.* through overtones (Hn.)

Strings



- Highest part crosses lowest during *gliss.* (Vln.)



- Highest possible note. (Vln.)



- Move from ordinary bow position to sul ponticello. (Vln., Vla, Vcl., Db.)



- Bartok pizz. Snap string against fingerboard. (Vln., Vla, Vcl., Db.)

Programme Note

'you look, craning, twisting, but nothing works, because Lavoisier's mirrors, whether concave or convex, disappoint you, mock you. You step back, find yourself for a moment, but move a little and you are lost [in] this catoptric theatre...'

(Umberto Eco 'Foucault's Pendulum, p.13)

'Lavoisier's Mirrors' was the final and largest-scale piece that I wrote during my two year Masters course at the Royal College of Music. The passage above from 'Foucault's Pendulum' describes the French scientist Antoine Lavoisier's collection of mind-bending mirrors, and provided a great deal of inspiration for me reflected both in the mysterious atmosphere of the piece as a whole, and in the music's formal construction.

As time progresses musical figures appear at first distorted, refracted and blurred within large, whirling orchestral textures, until they are suddenly revealed as sharp-edged, crystal-clear objects. These fleeting moments of rhythmic, harmonic and timbral clarity struggle to break through increasingly dense textures, constantly slipping out of reach to lead us down new, unexpected paths...

C.J.R.

Score in C

Lavoisier's Mirrors

for symphony orchestra

A

Chris Roe

Lento inquieto (♩=50)

Piccolo
Flute 1
Flute 2
Oboe 1
Oboe 2
Cor Anglais
Clarinet in B♭ 1
Clarinet in B♭ 2
Bass Clarinet in B♭
Bassoon 1
Bassoon 2
Contrabassoon

Horn in F 1
Horn in F 2
Horn in F 3
Trumpet in B♭ 1
Trumpet in B♭ 2
Trumpet in B♭ 3
Trumpet in B♭ 4 (in balcony)
Trombone 1
Trombone 3 (in balcony)
Bass Trombone
Tuba
Timpani

Percussion 1
Percussion 2
Percussion 3
Percussion 4 (in balcony)

Lento inquieto (♩=50)

Violin I
Violin II
Viola
Violoncello
Double Bass

(back desks) con sord.
gloss.
ppp semper
(back desks) con sord.
gloss.
ppp semper
(back desks) con sord.
gloss.
tutti
(back desks) con sord.
gloss.
ppp semper
div.
(back desks) con sord.
gloss.
tutti
(back desks) con sord.
gloss.
ppp semper
div.
(back desks) con sord.
gloss.
tutti
gloss.

A

* When strings are divisi, outside players take line a) and inside line b)

B

Picc.
Fl. 1
Ob. 1
C. A.
Cl. 1
B. Cl.
Bsn. 1
Cbsn.

SOLO

C

Hn. 1
Hn. 3
Hn. 2
Hn. 4
Tpt. 1
Tpt. 2
Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tha.
Timp.
Perc. 1
Perc.
Perc. 3
Cel.

Play rhythms throughout gliss.
Xab gl.

Roto-toms
Bass drum (stiff brush)
Susp. Cymbals

B

Vln. I a)
Vln. I b)
Vln. II a)
Vln. II b)
Vla. a)
Vla. b)
Vc. a)
Vc. b)
Db. a)
Db. b)

tutti
tutti
tutti
pizz. gliss.
col legno batt.
ff

sul A

C

* Straight line indicates *gliss.* throughout.

D Poco più animato
($\text{♩} = 60$)Tempo I
($\text{♩} = 50$)
rit.

18

Picc. *mf*

Fl. 1 *mp*

Fl. 2

Ob. 1 *ff*

C. A.

Cl. 1 *mf*

B. Cl.

Bsn. 2

Bsn. 1 *ff*

Hn. 1 *mf*

Hn. 3 *p*

Hn. 2 *p*

Hn. 4 *p*

Tpt. 1 *p*

Tpt. 2 *fp*

Tpt. 3 *p*

Tbn. 1 *mp*

Tbn. 2 *fp*

B. Tbn.

Tba.

Timp.

Perc. 1 *p*

(R-toms) *p* *mf* *p* *mf* *p* *ff*

Perc. 2 *mf* *p* *mf* *p* *f* *p*

Perc. 3 *mf* *p* *mf* *p* *ff* *p*

Cel.

to T. Bl. *T. Blocks* *p* *f* *to Cymb.* *Susp. Cymbals* *p* *f* *to Mar.*

Snare Drum (stiff brushes) *p* *f* *p* *f* *to Vib.*

Maracas *mf* *f* *ff* *mp* *f* *to T-tam.* *Tam-tams* *p* *f* *to B.D.*

D Poco più animato
($\text{♩} = 60$)Tempo I
($\text{♩} = 50$)
rit.

Vln. I a) *(c)*

Vln. I b) *(d)*

Vln. II a) *(d)*

Vln. II b) *(d)*

Vla. a) *(c)*

Vla. b) *(d)*

Vc. a) *f*

Vc. b) *(c)*

Db. a) *p*

Db. b) *p*

E

E

senza sord. ord. -----> sul pont. pizz. f

Vln. I a)

Vln. I b)

Vln. II a)

Vln. II b)

Vla. a)

Vla. b)

Vc. a)

Vc. b)

Db. a)

Db. b)

F Ancora più animato
(=66)

 rit.
Lento inquieto
(=50)

34

Picc.

Fl. 1 ff flz. s

Fl. 2 ff s p

Ob. 1 2 ff s p

C. A. ff

Cl. 1 ff flz. ff flz.

Cl. 2 ff p ff p

B. Cl. p ff b2 p

Bsn. 1 2 f ffp

Hn. 1 3 f

Hn. 2 4 +

Tpt. 1 f con sord. (straight) p < f

Tpt. 2 3 ff p con sord. (straight)

Tbn. 1 fp con sord. (straight)

Tbn. 2 fp

Tba.

Timp. f 3 p

p < mp > p < mp = p mf > p < f = p

(T. Blocks)

Perc. 1 ff p sub < ff to Mar.

Perc. 2 ff to Cymb.

Susp. Cymbals

Perc. 3 ff to R-toms.

Tam-tams (stiff brushes) (scrape) 3 to B.D.

Bass Drum (stiff brushes) 5 3 3 5 to S.D.

Roto-toms 3 5 3 5 3 5 Snare Drum (stiff brushes) 3

F Ancora più animato
(=66)

 rit.
Lento inquieto
(=50)

Vln. I a) ff ffp ffp ppp (d)

Vln. I b) ff ffp ffp ppp (d)

Vln. II a) ff ffp ffp ppp (d)

Vln. II b) ff ffp ffp ppp (d)

Vla. a) ff ffp ffp ppp (d)

Vla. b) ff arco ffp ppp (d)

Vc. a) ff f < ff arco pizz. fpp (d)

Vc. b) ff f < ff ppp (d)

D. b) p sul G

* Double Bass still written an octave above sounding pitch in the treble clef

G

43

Fl. 1 flz. *f*
Fl. 2 *mp* *f* *p*
Ob. 1
C. A.
Cl. 1 *p* *f*
Cl. 2 *f* *p* *mf* *f* *p*
B. Cl. *p* *f* *p*
Bsn. 1
Hn. 1 *p* *fp*
Hn. 2 *p* *fp*
Tpt. 1 (con sord. (pungler))
Tpt. 2
Tpt. 3 (con sord. (straight))
Tbn. 1 *p* *fp*
Tim. *p* *mp* *p* *mf* *p* *f* *p*
Perc. 1 Marimba *p* *f*
Perc. 2 (R-toms) *p* *f* *p*
Perc. 3 (S.D.) *mp* *p* *f* *p*
Cel. *p* *pp*

G

Vln. I a) *p* *pp*
Vln. I b) *p* *pp*
Vln. II a) *p* *pp*
Vln. II b) *p* *pp*
Vla. a) *p* *pp*
Vla. b) *p* *pp*
Vc. a) *p* *pp*
Vc. b) *p* *pp*
Db.

(d) sf pizz. sff

HPiù mosso
($\text{J}=72$)

50 *accel.*

Picc. flz. flz. flz. flz.

Fl. 1 p mf f 3 3

Fl. 2 p mf f 3

Ob. 1 mp 3 3

Ob. 2 p 3 f mf f p 3

C. A. p 3 f mp 3

Cl. 1 p 3 f SOLO f sub. ff 3

Cl. 2 p f mp 3

B. Cl. f

Bsn. 1 f

Bsn. 2 p 3 f

Hn. 1 f harm. ff

Hn. 3 mf harm. ff

Hn. 2 ff

Tpt. 1 (con sord. (plunger)) p f p f

Tpt. 2 p con sord. (plunger) p f p

Tpt. 3 p con sord. (straight) p

Tim. p f

Perc. 1 to T. Blocks 3 7 to Xyl. Xylophone col Cl. 1

Perc. 2 p mf 3 7 to Glock. Glockenspiel

Perc. 3 5 6 4 6 ff mf ff Snare Drum 6 > to Cymb.

Perc. 4 (balcony) p mp 2 4 ff mp f p p f 3

Cel. f ff 3

H Più mosso
($\text{J}=72$)

Vln. I a) p div. 3

Vln. I b) arco p sfff

Vln. II a) 3

Vln. II b) 3

Vla. a) 3

Vla. b) 3

Vc. a) 3

Vc. b) 3

D. b) ff

I

($J=53$) $\begin{smallmatrix} - & \\ - & \end{smallmatrix}$ ($J=40$)

J

(♩=53) ← $\overbrace{\text{♩} = \text{♩}}$ → (♩=40)

I

($J=53$) ($J=40$)

J

Perc. 1 (Xyl.) col Ob. 1 *mf* *ff*
Perc. 2 (Glock.) col Fl. 1 to Cymb.
Perc. 3 (S.D.) *s* to T-tam.
Perc. 4 (balcony) Cel.
Vln. I a) Vln. I b)
Vln. II a) Vln. II b)
Vla. a) Vla. b)
Vc. a) Vc. b)

K

62

$\leftarrow \text{ } \text{ } \text{ } \text{ } \rightarrow (\text{ } = 53)$

$\leftarrow \text{ } \text{ } \text{ } \text{ } \rightarrow (\text{ } = 40)$

Picc.

Fl. 1

Fl. 2

C. A.

Cl. 1

Cl. 2

B. Cl.

Bsn. 1
2

Hn. 1
3

Hn. 2
4

Tpt. 1,2
3

Tbn. 1
2

Tba.

Tim.

Perc. 1
(Cymb.)
(bowed)

Perc. 2
(Cymb.)
(bowed)

Perc. 3
(T-tam.)

gliss.

mp

f

pp

pp

pp

pp

p

gliss.

gliss.

pp

pp

pp

pp

pp

pp

ff

gliss.

to T. blocks

to Alm.

to Flex.

scraper

to Flex.

K

← ♩ = ♩ → (♩=53)

← ♩ = ♩ → (♩=40)

Vln. I a) *fp* *fp*

Vln. I b) *fp* *fp*

Vln. II a) *sul A* *fp*

Vln. II b) *fp*

Vla. a)

Vla. b) *arco sul pont* *p*

Vc.) *pizz.* *ff*

Db.) *pizz.* *ff*

ord.

66

Picc. *p*

Fl. 1 *gliss.* *mp* *p*

Fl. 2 *gliss.* *mp* *p*

Ob. 1 2 *ff*

C. A. *f* *a2* *mp*

Cl. 1 *p* *f* *mf*

Cl. 2 *mp* *p* *f*

B. Cl. *f* *f*

Bsn. 1 2 *mp* *a2* *f*

Hn. 1 3 *fp*

Hn. 2 4

Tpt. 1,2 3 *con sord (straight)* *fp*

Tbn. 1 2

Tba.

Perc. 1

Perc. 2 *Almglocken* *mp* *ff* *to Vibraphone*

Perc. 3 *Flexatone* *p* *mf* *p* *f* *p*

Cel. *sfp* *sfp*

L

Vln. I a) *pizz.* *f* *arco* *mp* *fp*

Vln. I b) *ppp* *arco sul pont* *ord.* *mp* *fp*

Vln. II a) *ppp* *p* *arco sul pont* *ord.* *mp* *fp*

Vln. II b) *pizz.* *p* *arco sul pont* *ord.* *mp* *fp*

Vla. a) *pizz.* *p* *arco sul pont* *ord.* *mp* *fp*

Vla. b) *pizz.* *p* *arco sul pont* *ord.* *mp* *fp*

Vc. *ff* *p* *pizz.* *sul pont* *p* *3*

D. *f* *pizz.* *sul pont* *p* *3*

T. blocks

L

(=53)

M

72

$\leftarrow \downarrow = \downarrow \rightarrow (\text{♩} = 40)$

Picc. $\text{mf} \xrightarrow{\text{p}}$

Fl. 1 $\text{b} \xrightarrow{\text{5}} \text{mp} \xrightarrow{\text{3}} \text{p}$

Fl. 2 $\text{mf} \xrightarrow{\text{p}}$

Ob. 1 $f \xrightarrow{\text{a}} \text{mp}$

C. A. p

Cl. 1 $\text{b} \xrightarrow{\text{5}} \text{mp} \xrightarrow{\text{3}} \text{p}$

Cl. 2 $\text{b} \xrightarrow{\text{5}} \text{mf} \xrightarrow{\text{p}}$

B. Cl. p

Bsn. 1 $\text{f} \xrightarrow{\text{3}} \text{p} \xrightarrow{\text{3}} \text{mp} \xrightarrow{\text{7}} \text{f}$

Cbsn. $\text{p} \xrightarrow{\text{ff}}$

Hn. 1 pp

Hn. 2 $\text{p} \xrightarrow{\text{3}} \text{ff}$
con sord. (plunger)

Tpt. 1 pp

Tpt. 2 pp
con sord. (plunger)
 $\text{f} \xrightarrow{\text{3}} \text{fp} \xrightarrow{\text{3}} \text{ff}$
senza sord.

Tbn. 1 $\text{p} \xrightarrow{\text{3}} \text{ff}$
con sord. (plunger)

Tbn. 2 $\text{p} \xrightarrow{\text{3}} \text{ff}$
con sord. (plunger)

B. Tbn. $\text{p} \xrightarrow{\text{3}} \text{ff}$
con sord. (plunger)

Tba. $\text{p} \xrightarrow{\text{3}} \text{ff}$

Tim. $\text{p} \xrightarrow{\text{3}} \text{ff}$

(T. blocks)

Perc. 1 $\text{ff} \xrightarrow{\text{fp}} \text{a} \xrightarrow{\text{ff}}$
Vibraslap

Perc. 3 $\text{ff} \xrightarrow{\text{fp}} \text{to S.D.} \xrightarrow{\text{p}}$
Snare Drum

M

$\leftarrow \downarrow = \downarrow \rightarrow (\text{♩} = 60)$

Vln. I pp

Vln. II pp

Vla. ff
arco

Vc. ff
arco

D. ff
arco

div.
ord. $\text{b} \xrightarrow{\text{5}} \text{unis.} \xrightarrow{\text{3}} \text{mp}$
piizz. $\text{b} \xrightarrow{\text{5}} \text{unis.} \xrightarrow{\text{3}} \text{mp}$
arco
div.

(♩=40)

N

Picc. *mf* *mp*

Fl. 1 2 *mf* *mp*

Cl. 1 2 *mf* *mp*

B. Cl. *ff* *p*
a 2

Bsn. 1 2 *ff* *p*
to Bsn.

Cbsn. *ff* *p*

Hn. 1 *ff* *p* *fp*

Hn. 3 *ff* *p* *fp*

Hn. 2 *ff* *p*

Hn. 4 *ff* *p* *fp*

Tpt. 1 *con sord. (straight)* *fp*

Tpt. 2 *con sord. (straight)* *fp*

Tpt. 3 *con sord. (straight)* *fp*

Tbn. 1 *ff* *p*

Tbn. 2 *ff* *p* *fp*

B. Tbn. *ff* *flz.*

Tba. *ff* *p*

Timpani *p*

(Alm.)

Perc. 2 *mp* *s* *fp*

Perc. 3 *ff p sub.* to Flex.

Cel. *p* *sfp* *sfp* *sfp* *sfp*

(♩=40)

N

Vln. I a) *p* *pp* *f* *pizz.* *arco* *p* *pp*

Vln. I b) *p* *pp* *f* *pizz.* *pp*

Vln. II a) *p* *pp* *f* *pizz.* *arco* *pp*

Vln. II b) *p* *pp* *f* *pizz.* *molto sul pont.* *pp*

Vla. a) *ff* *pp* *molto sul pont.* *p* *pp*

Vla. b) *ff* *pp* *molto sul pont.* *p* *pp*

Vc. a) *ff* *pp* *molto sul pont.* *p* *pp*

Vc. b) *ff* *pp* *molto sul pont.* *p* *pp*

D. a) *pizz. arco* *pp* *mf* *p*

D. b) *ff* *pp* *arco* *pp* *mf* *p*

O ← ♩ = ♩ → (♩=60)

Perc. 80

Fl. 1 p fp

Fl. 2 p fp

Ob. 1 2 fp s mp

C. A. mp

Cl. 1 fp mp s f

Cl. 2 p fp s f

B. Cl. mp

Bsn. 1 f

Bsn. 2 p f p

Hn. 1 fp s fp fp

Hn. 3 fp s fp fp

Tpt. 1 fp fp fp fp

Tpt. 2 fp fp fp fp

Tpt. 3 fp fp s fp fp

Perc. 1 Susp. Cymbals (soft beaters) p f ff

(Alm.) Perc. 2 p 3 s f

Perc. 3 Flexatone p

Cel. f sub. ff

P ← ♩ = ♩ → (♩=40)

O ← ♩ = ♩ → (♩=60)

Vln. I a) molto sul pont. p f

Vln. I b) molto sul pont. p f ff

Vln. II a) molto sul pont. p f ff

Vln. II b) molto sul pont. p 3 f ff

Vla. a) pizz. f -3 arco mf f fp fp fp

Vla. b) pizz. f -3 arco mf f fp fp fp

Vc. a) pizz. f -3 arco mf f fp fp fp

Vc. b) pizz. f -3 arco mf f fp fp fp

Db. pizz. f

P ← ♩ = ♩ → (♩=40)

ord.

Q

|=80

$\Rightarrow \text{---} \rightarrow (|=40)$

Q

(J=40)

Musical score for orchestra, page 10, measures 11-12. The score includes parts for Vln. I a), Vln. I b), Vln. II a), Vln. II b), Vla. a), Vla. b), Vc. a), Vc. b), Db. a), and Db. b). The key signature is B-flat major (two flats). Measure 11 starts with eighth-note patterns on Vln. I a) and Vln. I b). Vln. II a) and Vln. II b) play eighth-note patterns with slurs. Vla. a) and Vla. b) play eighth-note patterns with slurs. Vc. a) and Vc. b) play eighth-note patterns with slurs. Db. a) and Db. b) play eighth-note patterns with slurs. Measure 12 begins with a dynamic of p . Vln. I a) and Vln. I b) play eighth-note patterns with slurs. Vln. II a) and Vln. II b) play eighth-note patterns with slurs. Vla. a) and Vla. b) play eighth-note patterns with slurs. Vc. a) and Vc. b) play eighth-note patterns with slurs. Db. a) and Db. b) play eighth-note patterns with slurs. The score concludes with a dynamic of p .

$\leftarrow \text{ } \text{ } \text{ } \rightarrow$ R Con moto
(=80)

15

91

Picc. *p*

Fl. 1 *p*

Fl. 2 *p*

Ob. 1 *p*

Ob. 2 *p*

C. A. *p*

Cl. 1 *p*

Cl. 2 *p*

B. Cl. *p*

Bsn. 1 *fp*

Bsn. 2 *fp*

Bsn. 3 *fp*

Hn. 1 *p* *fp* *ff*

Hn. 3 *p* *fp* *f*

Hn. 2 *p* *fp* *f*

Hn. 4 *p* *fp* *f*

Tpt. 1 *p* *fp* *ff*

Tpt. 2 *p* *fp* *ff*

Tpt. 3 *p* *fp* *ff*

Tbn. 1 *p* *fp* *ff*

Tbn. 2 *p* *fp* *ff*

B. Tbn. *p* *fp* *ff*

Tba. *p* *fp* *ff*

Tim. *p* *mp* *mf* *p* *f* *mp* *ff*

Perc. 1 Marimba

Perc. 2 Almglocken

Perc. 3 (B.D.)

Piano *p* *mf* *p* *f* *mp* *ff*

Pno. *p* *mf* *s* *f* *ff*

accel.

$\leftarrow \text{ } \text{ } \text{ } \rightarrow$ R Con moto
(=80)

(div.)

Vln. I *pp*

(div.)

Vln. II *pp* *div.*

Vla. *p* *mf* *p* *f* *mp*

Vc. a) *p* *mf* *p* *f* *mp*

Vc. b) *mf* *p* *mf* *p* *f* *mp*

D. *mf* *p* *mf* *p* *f* *mp* *ff*

(div.)

unis. *mf* *s* *f*

pizz. *arco* *f*

pizz. *p* *f*

pizz. *f*

pizz. *f*

pizz. *f*

pizz. *f*

accel.

S (♩=100)

96

Picc. *f* *mf* *f* *p* *f* *p*

Fl. 1 *mp* *f* *p* *f* *p* *mf* *f* *p*

Fl. 2 *mp* *f* *p* *f* *p* *mf* *f* *p*

Ob. 1 *p* *mf* *f* *p* *f* *p* *mp* *f* *p*

Ob. 2 *p* *mf* *f* *p* *f* *p* *mp* *f* *p*

C. A. *p* *f* *p* *f* *p* *f* *p* *f* *p*

Cl. 1 *mf* *f* *p* *f* *p* *mp* *f* *p*

Cl. 2 *mf* *f* *p* *f* *p* *f* *p* *f* *p*

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

Bsn. 1 *f* *p* *mp* *f* *p* *f* *p*

Bsn. 2 *f* *p* *f* *p* *f* *p* *mf*

Bsn. 3 *f* *p* *mf* *f* *p* *mf*

Hn. 1 *p* *f* *p*

Hn. 2 *fp* *f* *p* *f* *p*

Tpt. 1 *con sord. (plunger)* *p* *f* *p* *f* *p*

Tpt. 2 *p* *f* *p* *f* *p*

Tpt. 3 *con sord. (plunger)* *p* *f* *p*

Tbn. 1 *p* *f* *p* *f* *p* *2+*

Perc. 1 *f*

Perc. 2 *Glockenspiel* *mf* *ff* *to Vib.* *f* *mf* *f* *to Alm.*

Pno. *mf* *ff* *s* *f* *mf* *f* *5* *ff*

S (♩=100)

Vln. I *p* *mf* *ffp* *p* *f* *ff* *p* *f* *p*

Vln. II *ff* *p* *ffp* *p* *f* *pizz.* *ff* *f* *p*

Vla. *ff* *p* *ffp* *p* *f* *pizz.* *ff* *f* *ff* *mp*

Vc. *ff* *p* *f* *jeté* *ff* *f* *div.* *ff* *mp*

2

102

102

Picc. flz. ff flz. f
Fl. 1 ff flz. p f
Fl. 2 ff flz. p f
Ob. 1 ff flz. p f
Ob. 2 p f p f mf f
C. A. p f p fp flz. f
Cl. 1 p f p fp ff p
Cl. 2 p f p fp ff p
B. Cl. f ff p fp f p
Bsn. 1 p f p f
Bsn. 2 f p f fp
Bsn. 3 p f

accel.

U

1

U

1

fp

Hn. 1
Hn. 2
Tpt. 1
Tpt. 2
Tbn. 1
Tbn. 2
Tba.
Timpani
Perc. 1 (Mar.)
Perc. 2
Perc. 3

T

U

U

V Con brio
($\text{♩} = 120$)

I10 a2

Fl. 1
Fl. 2
Ob. 1
Ob. 2
C. A.
Cl. 1
Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Bsn. 3
Hn. 1
Hn. 2
Hn. 4
Tpt. 1
Tpt. 2
Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tba.
Timp.
(Mar.)
Perc. 1
Perc. 2
Perc. 3
Pno.

V Con brio
($\text{♩} = 120$)

Vln. I
Vln. II
Vla. a)
Vla. b)
Vc. a)
Vc. b)
Db. a)
Db. b)

W Adagio inquieto
($\text{♩} = 60$)

I.16

Picc.

Fl. 1

Fl. 2

Ob. 1

Ob. 2

C. A.

Cl. 1

Cl. 2

B. Cl.

Bsn. 1

Bsn. 2

Bsn. 3

Hn. 1

Hn. 2

Hn. 3

Tpt. 1

Tpt. 2

Tpt. 3

Tbn. 1

Tbn. 2

B. Tbn.

Tba.

Tim.

Perc. 1

Perc. 2

Perc. 3

Pno.

Vln. I a)

Vln. I b)

Vln. II a)

Vln. II b)

Vla. a)

Vla. b)

Vc. a)

Vc. b)

Db.

← ♩ = ♩ →

W Adagio inquieto
($\text{♩} = 60$)

X

X

Musical score for orchestra, page 10, measures 11-12. The score includes parts for Vln. I a), Vln. I b), Vln. II a), Vln. II b), Vla. a), Vla. b), Vc. a), and Vc. b). The instrumentation consists of two violins, two violas, and two cellos. The music features sustained notes and rhythmic patterns with dynamic markings like mp, pp, and ff.

Y

125

Picc. *p*

Fl. 1 *mf* *f* *p* *mf*

Ob. 1 *p* *p-f* *mf*

C. A. *p* *p-f* *mf*

Cl. 1 *mf* *mp* *f* *p* *mf*

Cl. 2 *mp* *f* *p* *f* *mf*

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

Bsn. 1 *mf* *mp* *f* *p* *mf*

Bsn. 2 *mp* *f* *p* *f* *mf*

Cbsn. *p* *pp*

Hn. 1 *a 2* *p* *mf* *p*

Hn. 2 *p* *mf* *p* *p*

Tpt. 1 *p* *con sord. (plunger)* *fp* *pp* *p-fp* *pp*

Tpt. 2 *p* *con sord. (plunger)* *fp* *p* *fp* *pp*

Tbn. 1 *p* *fp* *pp* *p* *fp* *p*

Tbn. 2 *p* *fp* *pp* *p* *fp*

Tim. *p* *3* *p* *p* *mf* *3* *p* *3* *f* *p* *mp* *3* *p* *5* *f*

(T. blocks) *f* *mp-f* *3* *mp* *p* *mf* *3* *p*

Perc. 1 *p* *mp* *f* *mp* *f* *to Cab.*

(Vib.) *f* *3* *p*

Perc. 3 *to S.D.* *3* *mp* *ff* *3* *p* *mp*

Cel. *f* *ff* *20*

Y

Vln. I a) *mp* *p* *mf*

Vln. I b) *3* *mp* *p* *mf*

Vln. II a) *p* *mp* *mf*

Vln. II b) *mp* *p* *mf*

Vla. a) *p* *mp* *p* *mf*

Vla. b) *mp* *p* *mf*

Vc. a) *mp* *p* *mf*

Vc. b) *mf* *p* *mf*

D. *mp*

Z

I.29

Picc. *pp*

Fl. 1 2 *pp*

Ob. 1 2 *pp*

C. A. *pp*

Cl. 1 2 *pp*

B. Cl. *pp*

Bsn. 1 2 *pp*

Cbsn. *mp*

Hn. 1 3 *f*

Hn. 2 4 *mp*

Tpt. 1 *p* *f* *p* *fp* *f* *p*

Tpt. 2 *p* *fp* *pp* *p* *fp* *f* *p*

Tpt. 3 *p* *fp* *pp* *p* *fp* *f* *p*

Tbn. 1 *pp*

Tbn. 2 *p* *fp* *pp* *p* *fp* *f* *p*

B. Tbn. *mp*

Tba. *mp*

Tim. *s* *p* *f* *p*

Perc. 1 (T. blocks) *f* *p* *ff* *Cabasa*

Perc. 2 *mp* *ff* *mp* *f* *s* *mp* *ff* *mp* *f* *to Vib.*

Perc. 3 *p* *ff* *mp* *f* *p* *fp* *to B.D.*

Cel. *p* *ff*

Z

rit. *ff*

mf

Vln. I a) *p* *f* *p* *f*

Vln. I b) *p* *f* *p* *f*

Vln. II a) *p* *f* *p* *sf* *p* *f*

Vln. II b) *p* *f* *p* *sf* *p* *f*

Vla. a) *p* *f* *p* *sf* *p* *f*

Vla. b) *p* *f* *p* *sf* *p* *f*

Vc. a) *p* *f* *p* *sf* *p* *f* *fp* *ff*

Vc. b) *p* *f* *p* *sf* *p* *f* *fp* *ff*

Db. a) *mf* *f*

Db. b) *mf* *f*

Z

rit. *ff*

mf

AA *Brillante* ($\text{♩} = 53$)

Fl. 1
Fl. 2
Ob. 1
C. A.
Cl. 1
Cl. 2
B. Cl.
Bsn. 1
Cbsn.
Hn. 1
Hn. 2
Hn. 4
Tpt. 1
Tpt. 2
Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tba.
Timp.
(Cymb.)
(Vib.)
Perc. 1
Perc. 2
Perc. 3
Pno.

BB

AA *Brillante* ($\text{♩} = 53$)

Vln. I a)
div. a 4
Vln. I b)
p sub., sempre
Vln. II a)
div. a 4
Vln. II b)
p sub., sempre
Vla. a)
div. a 3
Vla. b)
p sub., sempre
Vc. a)
div. a 3
Vc. b)
p sub., sempre
Db.

BB

p sub., sempre

138

Picc.

Fl. 1
2

Ob. 1
2

C. A.

Cl. 1

Cl. 2

Bsn. 1
2

Hn. 1
3

Hn. 2
4

Tpt. 1

Tpt. 2

Tpt. 3

Tpt. 4
(balcony)

Tbn. 1

Tbn. 2

B. Tbn.

Tba.

Timp.

Perc. 1
(Mar.)

Perc. 2
(Vib.)

Perc. 3
(T-tam/B.D.)

Vln. I a)

Vln. I b)

Vln. II a)

Vln. II b)

Vla. a)

Vla. b)

Vc. a)

Vc. b)

D. b)

CC

DD

25

142

Picc. *ff* *s* *p*

Fl. 1 *ff* *s* *p*

Fl. 2 *ff* *s* *p*

Ob. 1 *a* *f* *s* *p*

C. A. *p* *mf* *p* *mf*

Cl. 1 *f* *s* *mf* *p* *mf*

Cl. 2 *ff* *s* *p* *mf*

B. Cl. *p* *mf*

Bsn. 1 *a* *f* *p* *mf* *p*

Hn. 1 *p* *ff* *p* *ff*

Hn. 2 *p* *f* *p* *f*

Hn. 4 *p* *f* *p* *f*

Play if no 4th Tpt. *p* *f* *p* *f*

Tpt. 1 *f* *p* *p* *ff*

Tpt. 2 *f* *p* *p* *ff* senza sord.

Tpt. 3 *f* *p* *p* *ff*

Tpt. 4 *ff* *mf* *con sord. (plunger)* *p* *ff*

Tbn. 1 *p* *f* *p* *f*

Tbn. 2 *p* *con sord. (straight)* *f* *p*

Tbn. 3 *p* *ff* *p* *con sord. (straight)* *ff* *p*

B. Tbn. *p* *ff* *p* *ff*

Tba. *p* *ff* *p* *ff*

Tim. *p* *f* *p* *ff* *p* *ff*

(Mar.) *p* *f* *p* *ff* *p* *ff*

Perc. 1 *f* *5* *5* *5* *p* *f* *5* *5* *5* *p* *f* *5* *5* *5* *p*

(S.D.) *6* *to Vib.* *Vibraphone* *p* *f* *5* *5* *5* *p* *f* *5* *5* *5* *p*

Perc. 2 *ff* *mp* *con. 2& p* *f* *p* *p* *f* *5* *5* *5* *p* *f* *5* *5* *5* *p*

(T-tam/B.D.) *scrape*

Perc. 3 *ff* *p* *f* *p*

CC

Vln. I a) *f* *s* *p* *ff* *pizz.* *arco* *p* *mf*

Vln. I b) *f* *s* *pizz.* *arco* *p* *ff* *arco* *p* *mf*

Vln. II a) *f* *s* *pizz.* *arco* *p* *mf* *arco* *p* *mf*

Vln. II b) *f* *s* *p* *mf* *p* *mf* *p* *mf*

Vla. a) *f* *s* *p* *mf* *p* *mf* *p* *mf*

Vla. b) *p* *mf* *p* *mf* *p* *mf*

Vc. a) *p express.* *unis.* *p* *mf* *p* *mf* *p* *mf*

Vc. b) *p express.* *unis.* *p* *mf* *p* *mf* *p* *mf* *div. a 3* *p*

D. b) *p* *mf* *p* *mf* *p* *mf* *p* *mf*

DD

EE

I46

Picc.

Fl. 1

Fl. 2

Ob. 1

Ob. 2

C. A.

Cl. 1

Cl. 2

B. Cl.

Hn. 1

Hn. 2

Tpt. 1,2

Tpt. 4
(balcony)

Tbn. 2

B. Tbn.

Tba.

Timp.

Perc. 1
(Mar.)

Perc. 2
(Vib.)

Perc. 3
(T-tams/B.D.)

Pno.

EE

Vln. I a)

Vln. I b)

Vln. II a)

Vln. II b)

Vla. a)

Vla. b)

Vc. a)

Vc. b)

D. b)

FF

GG Furioso subito flz. ($\text{♩}=144$)

27

150

Picc.

Fl. 1

Fl. 2

Ob. 1

C. A.

Cl. 1

Cl. 2

B. Cl.

Bsn. 1

Bsn. 2

Cbsn.

Hn. 1

Hn. 2

Tpt. 1

Tpt. 2

Tpt. 3

Tpt. 4
(balcony)

Tbn. 1

Tbn. 2

Tbn. 3
(balcony)

B. Tbn.

Tim.

Perc. 1
(Mar.)

Perc. 2
(Vib.)

Perc. 3
(T-tam/B.D.)

Perc. 4
(balcony)

FF

GG Furioso subito
(♩=144)

Musical score for orchestra and piano, measures 11-12. The score includes parts for Pno., Vln. I a), Vln. I b) (div. a 4), Vln. II a), Vln. II b), Vla. a), Vla. b), Vc. a), Vc. b), Db. a), and Db. b). The piano part features sustained notes and dynamic markings like *ff*. The string parts play eighth-note patterns, with Vln. I b) and Vln. II b) having specific dynamics like *f*, *ff*, and *p*. The bassoon parts provide harmonic support with sustained notes and pizzicato entries.

HH

157

Picc. *f* — *ff*

Fl. 1 *ff*

Ob. 1 *ff* — *p*

C. A. *ff* — *p*

Cl. 1 *ff* — *p*

Cl. 2 *ff* — *p*

B. Cl. *ff* — *p*

Bsn. 1 *ff* — *p*

Cbsn. *mf* *ff* *flz.*

Hn. 1 *ff* — *p* *ff* — *p*

Hn. 3 *ff* — *p* *ff* — *p*

Hn. 2 *ff* — *p* *ff* — *p*

Hn. 4 *ff* — *p* *ff* — *p*

Tpt. 1 *ff* — *p* *ff* — *p*

Tpt. 2 *flz.* — *p* *ff* — *p*

Tpt. 3 *ff* — *p* *ff* — *p*

Tpt. 4 (balcony) *ff* — *p* *ff* — *p*

Tbn. 1 *p* — *ff* — *p* *senza sord.*

Tbn. 2 *ff* — *p*

Tbn. 3 (balcony) *ff* — *p*

B. Tbn. *ff* — *p*

Tba. *ff* — *p*

Tim. *ff* — *p*

(Mar.) *ff* — *p* *ff* — *p* *to T. blocks*

Perc. 1 *ff* — *p* *ff* — *p* *to Roto-t.*

Perc. 2 *ff* — *p* *ff* — *p* *Cymbal (Splash)* *DAMP* *to Flex.*

Perc. 3 *S.D.* *ff* — *p* *ff* — *p* *to T. Blocks*

Perc. 4 (balcony) *ff* — *p* *ff* — *p*

HH

Pno. *ff* — *p*

Vln. I a) *ff* — *p*

Vln. I b) *ff* — *p*

Vln. II a) *ff* — *p*

Vln. II b) *ff* — *p*

Vla. a) *ff* — *p*

Vla. b) *ff* — *p*

Vc. a) *ff* — *p*

Vc. b) *ff* — *p*

Db. a) *ff* — *p*

Db. b) *ff* — *p*

to T. blocks

Roto-toms *ff* — *p* *ff* — *p* *to Alm.*

Almglocken *ff* — *p*

ff

II

163

Picc. *ff*

Fl. 1 2 *ff* *ff*

Ob. 1 2 *ff* *ff*

C. A. *ff* *ff*

Cl. 1 *ff* *ff*

Cl. 2 *ff* *p*

B. Cl. *ff*

Bsn. 1 *ff* *ff*

Bsn. 2 *ff* *ff*

Cbsn. *ff* *ff*

Hn. 1 *ff* *ff* *ff*

Hn. 3 *ff* *p* *f* *p*

Hn. 2 *ff* *p* *f* *p*

Hn. 4 *f* *ff*

Tpt. 1 *p* *con sord. (plunger)* *p* *ff* *p* *ff*

Tpt. 2 *f* *con sord. (plunger)* *p* *f* *p* *ff* *p*

Tpt. 3 *f* *ff* *p* *ff* *p*

Tpt. 4 (balcony) *f* *ff* *p* *ff* *p*

Tbn. 1 *f* *ff* *p* *ff* *p* *ff* *mf* *ff* *p*

Tbn. 2 *ff* *ff* *con sord. (plunger)* *p* *ff* *p* *ff* *p*

Tbn. 3 (balcony) *f* *ff* *p* *ff* *p* *ff* *p*

B. Tbn. *f* *ff* *p* *ff* *p* *ff* *p*

Tba. *f* *ff* *p* *ff* *p* *ff* *p*

Tim. *ff*

Perc. 1 *ff* *ff* *ff* *ff* *ff* *ff* *ff*

Perc. 2 *ff* *ff* *ff* *ff* *ff* *ff* *ff*

Perc. 3 *ff* *ff* *ff* *ff* *ff* *ff* *ff*

Perc. 4 (balcony) *ff* *ff* *ff* *ff* *ff* *ff* *ff*

II

Pno. *ff* *ff* *ff* *ff* *ff* *ff* *ff*

Vln. I a) *ff* *ff* *ff* *ff* *ff* *ff* *ff*

Vln. I b) *ff* *ff* *ff* *ff* *ff* *ff* *ff*

Vln. II a) *ff* *ff* *ff* *ff* *ff* *ff* *ff*

Vln. II b) *ff* *ff* *ff* *ff* *ff* *ff* *ff*

Vla. a) *ff* *ff* *ff* *ff* *ff* *ff* *ff*

Vla. b) *ff* *ff* *ff* *ff* *ff* *ff* *ff*

Vc. a) *ff* *ff* *ff* *ff* *ff* *ff* *ff*

Vc. b) *ff* *ff* *ff* *ff* *ff* *ff* *ff*

Db. *ff* *ff* *ff* *ff* *ff* *ff* *ff*

170 a2
-9 b̄

JJ

5

Vln. I a) ff

Vln. I b) ff

Vln. II a) ff

Vln. II b) ff

Vla. a) p

Vla. b) p

Vc. a) p fff mf ff

Vc. b) p fff mf ff

Db. a) fff mf ff

Db. b) fff p ff

KK

LL

Meno mosso
(♩=120)

31

177

Picc. *ff* *ff* *f* *p* *rit.*

Fl. 1 *ff* *ff* *p* *mp* *f* *fp*

Fl. 2 *ff* *ff* *p* *fp*

Ob. 1 *ff* *ff* *p* *fp*

Ob. 2 *ff* *ff* *p* *fp*

C. A. *ff* *ff* *p* *fp*

Cl. 1 *ff* *ff* *f* *mp* *f* *fp*

Cl. 2 *s* *ff* *f* *fp* *fp*

Cbsn. *ff* *f* *mf* *p*

Hn. 1 *ff* *p* *f* *p*

Hn. 3 *flz. p* *f* *p*

Hn. 2 *mp* *f* *mp*

Hn. 4 *mp* *f* *p*

Tpt. 1 *ff* *p* *ff* *p* *f* *p*

Tpt. 2 *ff* *flz.* *p* *ff* *p* *p* *f*

Tpt. 3 *mf* *fp* *ff* *p* *ff* *p* *f*

Tbn. 1 *flz.* *p* *f* *p*

B. Tbn. *ff* *flz.* *mp*

Tba. *ff* *mp*

Tim. *ff* *gl* *mf* *p*

(Mar.)

Perc. 1 *ff* *to Alm.*

Perc. 2 *f* *to Vibraslap*

Perc. 3 *ff*

Perc. 4 *ff* *balcony*

Pno. *ff* *rit.* *mp* *f*

KK

LL

Meno mosso
(♩=120)

Vln. I a) *ff* *ff* *f* *p* *rit.* *(c)*

Vln. I b) *ff* *ff* *f* *p* *mf* *p*

Vln. II a) *ff* *ff* *f* *p* *mf* *p*

Vln. II b) *ff* *p* *mf* *f* *p* *mf* *p*

Vla. a) *ff* *p* *f* *p*

Vla. b) *ff* *p* *f* *p*

Db. a) *ff* *p* *f* *p*

Db. b) *ff* *p* *f* *p*

MM

189

Picc. flz.
Fl. 1 ff — p
Ob. 1 ffp
Ob. 2 ffp
C. A. f
Cl. 1 flz. ff
Cl. 2 ffp
B. Cl. fp
Bsn. 1 fp f ff
Bsn. 2 fp
Cbsn. fp

Hn. 1
Hn. 2
Tpt. 1 p +
Tpt. 2 p
Tpt. 3 p
Tbn. 1
Tba.
Timpani fp ff p — ff

Perc. 1 (Mar.) SOLO f s ff
Perc. 2 (Alm.) to Vib. Vibraphone
Perc. 3 3 2 Vibraphonelap to Flex. 3 2 3 Flexatone gl. mf ff

MM

Vln. I a) (d) ff 5 p
Vln. I b) ff p
Vln. II a) p (d) ff (d) f p sul G
Vln. II b) (d) ff 5 p f sul A (d)
Vla. a) f 3 p f (d) (d)
Vla. b) f arco 5 p (d) f 3 p
Vc. a) arco 5 p (d) (d)
Vc. b) arco 5 pizz. f 3 p f sul E arco
Db. f ff

NN

197 rit.

OO $(\text{♩} = 100)$ $\xleftarrow{\text{♩}} \text{Tempo I} \xrightarrow{\text{♩}} (\text{♩} = 50)$

Picc. ff p

Fl. 1 2 flz. ff

Ob. 1 2 flz. ff

C. A. ffp flz. ff

Cl. 1 flz. ff flz. ff

Cl. 2 ff p flz. ff

B. Cl. flz. ff flz. ff

Bsn. 1 flz. ffp

Bsn. 2 flz. ffp

Cbsn. flz. ff

Hn. 1 3

Hn. 2 4

Tpt. 1,2 3

Tbn. 1 2

B. Tbn.

Tba.

Timp. ff p

(Mar.) to T. Blocks. Perc. 1 **Temple Blocks** f fp f fp ff to Cymb.

(Vib.) f fp ff to Crot. Perc. 2 **Crotales** ff to Cymb.

(Flex.) mf ff p Perc. 3 gradually slowing (d) (d) (d) to T-tam.

NN

rit. $(\text{♩} = 100)$ $\xleftarrow{\text{♩}} \text{OO} \xrightarrow{\text{♩}} (\text{♩} = 50)$

Vln. I a) mf f p p

Vln. I b) f p p p

Vln. II a) f ff f p

Vln. II b) p p p p

Vla. a) f p p p

Vla. b) p p ff p

Vc. a) f p p p

Vc. b) p p ff p

D. p mf ff f

34

PP

206

Perc. 1 (soft beaters 2 in each hand) *p* *mp* *p* *mf* *p*

Perc. 2 *p* *mp* *p* *mf* *p*

Perc. 3 *pp* *p* *pp* *mp* *p* *f* *p*

l.v. sempre

Vln. I a (8) (c) (d) (c) (d) (c) (d) (c) (d) (c) (d)

Vln. I b (8) (c) (d) (c) (d) (c) (d) (c) (d) (c) (d)

p

Vln. II a (c) (d) (c) (d) (c) (d) (c) (d) (c) (d) (c) (d)

Vln. II b (c) (d) (c) (d) (c) (d) (c) (d) (c) (d) (c) (d)

p

Vla. a (c) (d) (c) (d) (c) (d) (c) (d) (c) (d) (c) (d)

Vla. b (c) (d) (c) (d) (c) (d) (c) (d) (c) (d) (c) (d)

p

Vc. a (c) (d) (c) (d) (c) (d) (c) (d) (c) (d) (c) (d)

Vc. b (c) (d) (c) (d) (c) (d) (c) (d) (c) (d) (c) (d)

Db. (c) (d) scordatura E string (c) (d) (c) (d) (c) (d) (c) (d) (c) (d) (c) (d)

pp