

noneto
Nicolás Arnáez

noneto

For string quartet and five speakers.

Duration: c. 20 mins

I. Estampa Uno

[Imprint One]

II. Armonía de una Estampa Inmóvil

[Harmony of a Motionless Imprint]

III. Estampa de un Volar Complejo

[Imprint of a Flying Complex]

Para mi padre, fuente de paz.

....el sol acarició mi faz.

Composed between January 2018 and February 2020 as part of the final thesis for the Doctorate of Music in Composition degree at the University of Alberta in Edmonton, Canada under the supervision of Dr. Scott Smallwood. Additional committee members included Dr. Howard Bashaw, Dr. Michael Frishkopf and Dr. Mark Hannesson.

PROGRAM NOTES

Una semilla musical (mantra) percibida desde tres ángulos.
Dos fuentes sonoras colaborando para ser una.
Tres estampas.

One musical seed (mantra) perceived from three angles.
Two sound sources interacting to become one.
Three imprints.

INTRODUCTION

Noneto is a piece of music where speakers and performers play sheets of music which are traditionally notated. The synchronization between them is achieved by a sync counter clock shown to all musicians, with clock number marks (representing beats) added to each musician's score. There is a Max patch that creates a flying window with the sync counter clock displayed on a large monitor which must be connected to the computer. (the ensemble may decide on the particular appearance of the sync counter clock). Performers are in charge of following the counter clock as they read their music while making sure each pulse in the score is played on the correct numbered beat.

While the musicians perform their parts, the attached Max patch also feeds its audio processing from an audio interface, this interface contains (at least) four inputs and five outputs. Each string instrument will have a microphone (close mic-ing technique is strongly recommended). An ideal microphone for this piece is the DPA 4099. The five outputs will be connected to five high quality studio monitors (Focal and Genelec brands are preferred), and four of these should have a speaker with a diameter of at least 5" (like the Focal CMS 50). The fifth monitor must be a matching subwoofer monitor (like the Focal CMS Sub 11"). The basic computer specifications for Noneto are, for Mac, a Processor of 2.2 GHz Inter core i7, 16GB 1600 MHz DD3, and macOS High Sierra (10.13.6).

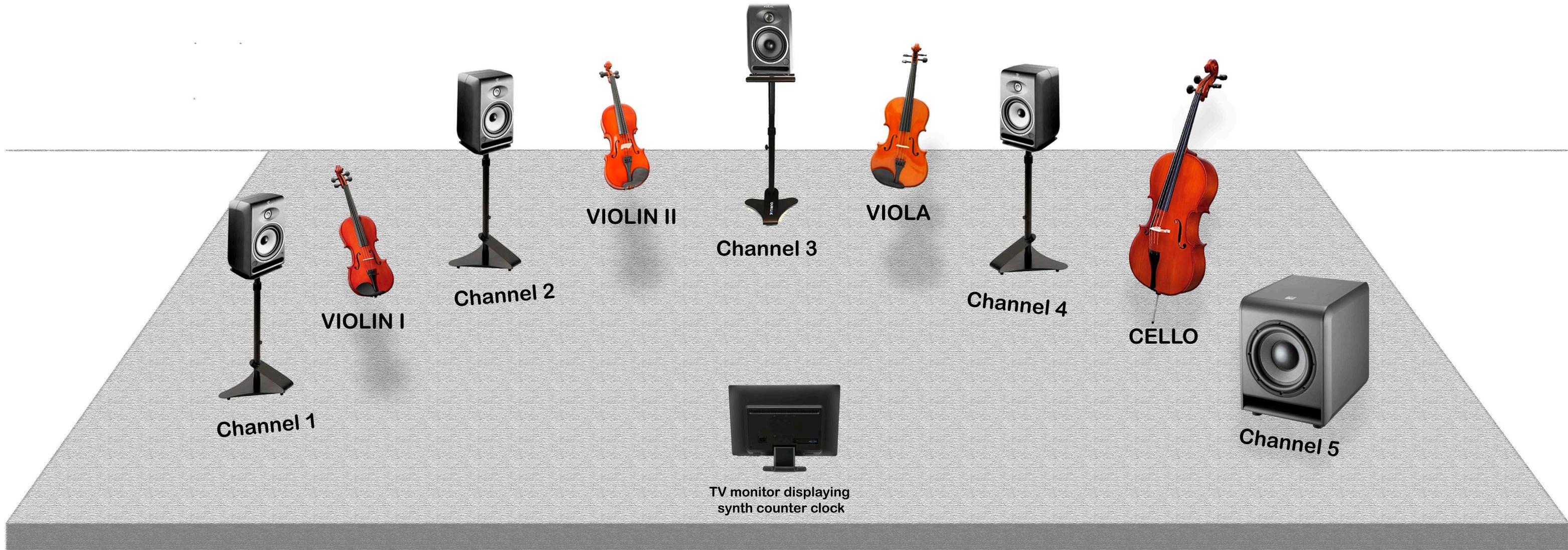
A Max patch operator is required for Noneto. The operator is responsible for setting up the clock, changing movements accordingly, and controlling levels (inputs and outputs). The Max patch operator should have a copy of the score and follow the performance, making slight tempo corrections as needed (more information on next page).

As shown below, speakers are positioned between each string performer. It is crucial to keep the loudness of the speakers at equal intensity to the human players. Monitors 1 to 4 should be placed on stands at the same height as the violins and viola (around 1.20 mts). Channel 5 can be placed directly on the floor.

NOTATION

Noneto has been primarily notated using a traditional Western style. The following considerations should be observed:

- Accidentals last for the length of a measure (applies just to the note shown, not octaves), any new measure needs new accidentals (played natural if there is nothing written).
- Tremolo indications are to be played as fast as possible (instead of subdividing the written value in equal shorter rhythms).
- l.v. means "Let vibrate" (do not mute the string after the articulation)
- The second movement has improvisatory "boxes." The string player is required to perform what is described in each box for the length shown.



MAX PATCH

This is the graphic user interface the Max patch operator will utilize for Noneto's performance, please note:

In rehearsals:

1. Plug in an extra computer monitor and drag the sync counter clock flying windows into the monitor, choose full screen mode on the BEAT control menu (Key`).
2. Set up the clock, discuss with the ensemble the best setting for everyone (e.g. blink on the first beat, in all beats, no blink, how long the blink is, etc.).
3. The Transport menu offers the option of starting the piece at any point in the score by entering the exact time or choosing the rehearsal letter. The latter is highly recommended to ensure synchronicity.
4. First enter the time/letter, then hit "GO" and wait until the clock shows it's ready (yellow numbers). Once it is ready you can hit PLAY to resume from that point.
5. If needed, the BPM of the piece can be changed in this window as well. All electronic processes will be automatically adapted to the new tempo.
6. If the transport window freezes, it can be reset by clicking the reset button.
7. Although the individual channels' synthesizers look interactive, the operator has no access to its controls. The synthesizers are shown only as a reference and set internally.

In performance, the operator simply has to choose the movement by clicking with the mouse at the top left, then pressing "PLAY" on the Transport menu. Once the movement has finished, the patch stops performing automatically and goes to stand-by mode for the operator to choose another movement. If agreed collectively upon in rehearsal, a new BPM can be entered before starting (all electronic components will automatically adapt to it). It is highly recommended to check the input levels and the output levels to avoid clipping and retain balance with the string players. A KORG nanoKONTROL2 MIDI controller can be used to manipulate on-screen faders (first five faders form left to right as five channels outputs; first four rotary knobs as level inputs; play to start; stop to stop).



Tempo corrections

The Max patch operator is also in charge of following the string players performances in correlation with the score. As needed, the BPM of each movement can be varied by interacting with the patch via the computer keyboard or the nanoKONTROL2 input, as follows:

- Arrow up/REW button
(one BPM value down each push)
- Arrow down/FF button
(one BPM value up each push)
- Arrow right/PLAY button
(jump back to original BPM)

Estampa Uno [Imprint One]

J = 60

7

4

5

4

A

BEAT -7 -6 -5 -4 -3 -2 -1 0:01 0:02 0:03 0:04 0:05 0:06 0:07 0:08 0:09 0:10 0:11 0:12 0:13 0:14 0:15 0:16 0:17 0:18 0:19 0:20 0:21 0:22

Channel 1

Violin I

Violin II

Viola

Violoncello

Channel 5

Vln. I delay

Vln. II delay

Vla. delay

Vc. I delay

4

4

5

4

B

C

(12) 0:50 0:51 0:52 0:53 0:54 0:55 0:56 0:57 0:58 0:59 1:00 1:01 1:02 1:03 1:04 1:05 1:06 1:07 1:08 1:09 1:10 1:11 1:12 1:13 1:14 1:15 1:16 1:17 1:18 1:19 1:20 1:21 1:22 1:23 1:24

BEAT

8 vib.

Ch.1

Vln.I

molto espressivo

8va

Ch.2

Vln.II

molto espressivo

Ch.3

Vla.

Ch.4

Vc.

Ch.5

D

19 1:25 1:26 1:27 1:28 1:29 1:30 1:31 1:32 1:33 1:34 1:35 1:36 1:37 1:38 1:39 1:40 1:41 1:42 1:43 1:44 1:45 1:46 1:47 1:48 1:49 1:50

BEAT

Ch.1

Vln.I

Ch.2

Vln.II

Ch.3

Vla.

Ch.4

Vc.

Ch.5

4

4
2:34

F

G

35 BEAT 2:38 2:39 2:40 2:41 2:42 2:43 2:44 2:45 2:46 2:47 2:48 2:49 2:50 2:51 2:52 2:53 2:54 2:55 2:56 2:57 2:58 2:59 3:00 3:01 3:02 3:03 3:04 3:05 3:06 3:07 3:08 3:09

Vln.I delay etc... *rit* *tempo fixed at $\text{j} = 41$* *pitch moving up on scale (1, 2 2, 3 3 3, 4 4 4, etc.)*

Ch.1 *mf*

arco *f* *ff* *mf* *f* *mp*

Vln.II delay etc... *accel* *tempo fixed at $\text{j} = 92$* *pitch moving down on scale (-2 x11, -3 x10, -4 x9, etc.)*

Ch.2 *mf*

arco *ff* *mf* *f* *mp*

Vln.III delay etc... *rit* *tempo fixed at $\text{j} = 53$* *pitch moving down/up on scale (-2, 2 2, -3 -3 -3, 2 2 2 2, etc.)*

Ch.3 *mf*

arco *ff* *mf* *f* *mp*

Vla. delay etc... *rit* *tempo fixed at $\text{j} = 117$* *pitch moving down on scale (1 x11, -2 x10, 2 x9, -3 x8, etc.)*

Ch.4 *mf*

arco *ff* *mf* *f* *mp*

Vc. delay etc... *accel* *tempo fixed at $\text{j} = 117$*

Ch.5 *mf*

<img alt="A multi-channel musical score page showing five staves (Ch.1 to Ch.5) over 17 measures. Each staff has a unique rhythmic pattern of eighth and sixteenth notes. Measure 35 starts with Ch.1 and Ch.2 playing eighth-note patterns, while Ch.3, Ch.4, and Ch.5 play sixteenth-note patterns. Measures 36-37 show Ch.1 and Ch.2 transitioning to sixteenth-note patterns, while Ch.3, Ch.4, and Ch.5 continue their sixteenth-note patterns. Measures 38-39 show Ch.1 and Ch.2 transitioning back to eighth-note patterns, while Ch.3, Ch.4, and Ch.5 continue their sixteenth-note patterns. Measures 40-41 show Ch.1 and Ch.2 transitioning back to eighth-note patterns, while Ch.3, Ch.4, and Ch.5 continue their sixteenth-note patterns. Measures 42-43 show Ch.1 and Ch.2 transitioning back to eighth-note patterns, while Ch.3, Ch.4, and Ch.5 continue their sixteenth-note patterns. 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Measures 296-297 show Ch.1 and Ch.2 transitioning back to eighth-note patterns, while Ch.3, Ch.4, and Ch.5 continue their sixteenth-note patterns. Measures 298-299 show Ch.1 and Ch.2 transitioning back to eighth-note patterns, while Ch.3, Ch.4, and Ch.5 continue their sixteenth-note patterns. Measures 300-301 show Ch.1 and Ch.2 transitioning back to eighth-note patterns, while Ch.3, Ch.4, and Ch.5 continue their sixteenth-note patterns. Measures 302-303 show Ch.1 and Ch.2 transitioning back to eighth-note patterns, while Ch.3, Ch.4, and Ch.5 continue their sixteenth-note patterns. Measures 304-305 show Ch.1 and Ch.2 transitioning back to eighth-note patterns, while Ch.3, Ch.4, and Ch.5 continue their sixteenth-note patterns. Measures 306-307 show Ch.1 and Ch.2 transitioning back to eighth-note patterns, while Ch.3, Ch.4, and Ch.5 continue their sixteenth-note patterns. Measures 308-309 show Ch.1 and Ch.2 transitioning back to eighth-note patterns, while Ch.3, Ch.4, and Ch.5 continue their sixteenth-note patterns.</p>

43

BEAT 3:10 3:11 3:12 3:13 3:14 3:15 3:16 3:17 3:18 3:19 3:20 3:21 3:22 3:23 3:24 3:25 3:26 3:27 3:28 3:29 3:30 3:31 3:32 3:33 3:34 3:35 3:36 3:37 3:38 3:39 3:40 3:41

Ch.1

pitch moving down on scale (10 10 10, 9 9 9, 8 8 8, etc.)

accel

no transposition

tempo fixed at $\text{♩} = 60$

Vln. I

non rubato

Ch.2

rit

pitch moving up on scale (-16 -16, -15 -15, -14 -14, etc.)

no transposition

tempo fixed at $\text{♩} = 60$

Vln. II

non rubato

Ch.3

Vla.

non rubato

Ch.4

accel

pitch moving up/down on scale (-6 -6 -6 -6, 4 4 4 4, -4 -4 -4 -4, 2 2 2 2, etc.)

tempo fixed at $\text{♩} = 60$

Vc.

Ch.5

pitch moving up on scale (8 8 8 8, -7 -7 -7 -7, 6 6 6 6, -6 -6 -6 -6, etc.)

rit

tempo fixed at $\text{♩} = 60$

3

Musical score for orchestra, page 10, measures 62-67. The score consists of ten staves (Ch.1 to Ch.5) and (Vcl. to Ch.5). The key signature varies by measure: 4, 6, 4, 4, 5, 4, 4, 5, 4. The time signature is mostly 4/4, with some changes in measure 62 (6/4), 63 (5/4), and 65 (5/4). Dynamics include *fp*, *mp*, *p*, *f*, *pp*, *ff*, and *ord.*. Performance instructions like *espressivo*, *harsh*, *dolce e molto legato*, and *V* are also present. Measure 62 starts with *fp* for Ch.1 and Vln.I. Measure 63 begins with *ord.* for Vln.I. Measure 64 features *espressivo* for Ch.1 and Vln.I. Measure 65 includes *harsh* and *dolce e molto legato* markings. Measure 66 shows *V* markings. Measure 67 concludes with *espressivo*.

Musical score for orchestra and piano, page 11, measures 70-77. The score includes parts for Ch.1, Vln.I, Ch.2, Vln.II, Ch.3, Vla., Ch.4, Vc., and Ch.5. The piano part is labeled 'K' and has a box around it. The score features complex rhythmic patterns with sixteenth-note figures and various dynamics (ff, ffp, ffpp, ffff). Measure 70 starts with a forte dynamic (ff) for Ch.1, followed by a piano dynamic (p) with sixteenth-note patterns. Measures 71-77 show a repeating pattern of ff, ffp, ffpp, and ffff dynamics, with various tempo changes indicated by '4', '5', '3', and '6'. Measure 77 concludes with a final ffff dynamic.

BEAT

85 6:10 6:11 6:12 6:13 6:14 6:15 6:16 6:17 6:18 6:19 6:20 6:21 6:22 6:23 6:24 6:25 6:26 6:27 6:28 6:29 6:30 6:31 6:32 6:33 6:34 6:35 6:36 6:37 6:38 6:39 6:40 6:41 6:42 6:43

M

Ch.1 8 *ff* *mp* *mf*

Vln.I *ff* *mp* *p* *mf*

Ch.2 *ff* *mf*

Vln.II *ff* *mp* *p* *mf*

Ch.3 *ff* *mf*

Vla. *ff* *mp* *p* *mf*

Ch.4 *ff* *mf*

Vc. *ff* *mp* *p* *mf*

Ch.5 8 *ff* *mf*

N

3 4 *f* *fffppp* *molto vib. sempre* *fffppp* *molto vib. sempre* *fffppp* *molto vib. sempre* *fffppp* *molto vib. sempre* *fffppp* *short vib. sempre* *fffppp* *ppp* *ppp* *ppp* *ppp*

93 6:44 6:45 6:46 6:47 6:48 6:49 6:50 6:51 6:52 6:53 6:54 6:55 6:56 6:57 6:58 6:59 7:00 7:01 7:02 7:03 7:04 7:05 7:06 7:07 7:08 7:09 7:10 7:11 7:12 7:13 7:14 7:15 7:16 7:17 7:18 7:19 7:20 7:21 7:22 7:23 7:24

BEAT

Ch.1

Vln.I

Ch.2

Vln.II

Ch.3

Vla.

Ch.4

Vc.

Ch.5

110
BEAT

7:55 7:56 7:57 7:58 7:59 8:00 8:01 8:02 8:03 8:04

Ch.1 *pp* *as p as possible*

Vln.I *pp* *etc....* *as p as possible*

Ch.2 *pp* *as p as possible*

Vln.II *pp* *etc....* *as p as possible*

Ch.3 *pp* *as p as possible*

Vla. *pp* *etc....* *as p as possible*

Ch.4 *pp* *as p as possible*

Vcl. *pp* *etc....* *as p as possible*

Ch.5 *pp* *as p as possible*

Armonía de una Estampa Inmóvil [Harmony of a Motionless Imprint]

 $\text{♩} = 60$

A

B

BEAT -5 -4 -3 -2 -1 0:01 0:02 0:03 0:04 0:05 0:06 0:07 0:08 0:09 0:10 0:11 0:12 0:13 0:14 0:15 0:16 0:17 0:18 0:19 0:20 0:21 0:22 0:23 0:24 0:25 0:26 0:27 0:28 0:29 0:30

Channel 1

Violin I

Mute on 5"

Channel 2

Violin II

Mute on 5"

Channel 3

Viola

Channel 4

Violoncello

Channel 5

BOX V1-1
| starts 00:14
Allowed notes: **F# Eb D**
Non vibrato | low register
Allowed rhythmic values: pp

BOX V2-1
| starts 00:22
Allowed notes: **D C B**
Non vibrato | low register
Allowed rhythmic values: pp

BOX VC-1
| starts 00:27
Allowed notes: **Ab G E**
Non vibrato | Medium-high register
Allowed rhythmic values:

C

BEAT 0:31 0:32 0:33 0:34 0:35 0:36 0:37 0:38 0:39 0:40 0:41 0:42 0:43 0:44 0:45 0:46 0:47 0:48 0:49 0:50 0:51 0:52 0:53 0:54 0:55 0:56 0:57 0:58 0:59 1:00

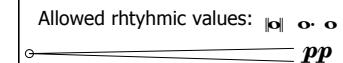
Ch.1 | starts 00:46
BOX V2-1
- Reversed | **p**

Vln.I | ends 00:35 | non vibrato | **pp**

Ch.2 | starts 00:54
BOX V2-1
- Reversed | **p**

Vln.II | ends 00:37 | non vibrato | **pp**

Ch.3

Vla. | starts 00:35
BOX VA-1
Allowed notes: **B Bb Ab**
Non vibrato | medium register
Allowed rhythmic values:  | **pp**

Vln.IV | ends 00:45 | non vibrato | **pp**

Ch.4 | starts 00:59
BOX VC-1
- Reversed
- 1 octave down | **p**

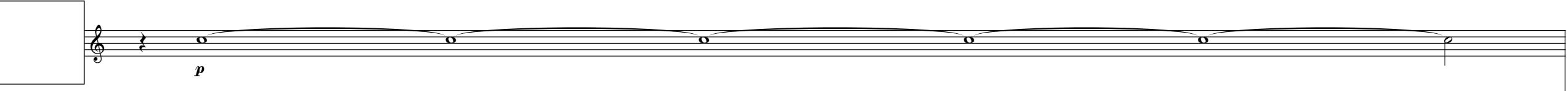
Vc. | ends 00:44 | non vibrato | **pp**

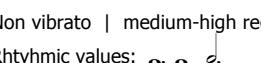
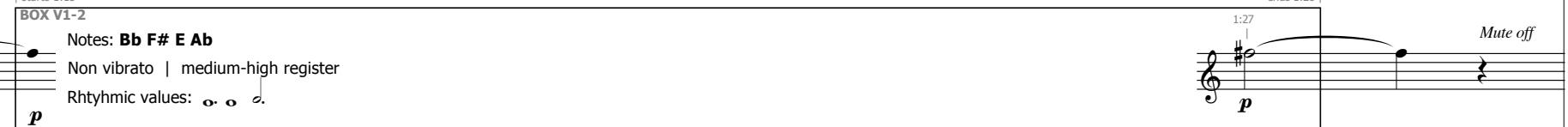
Ch.5 | **p**

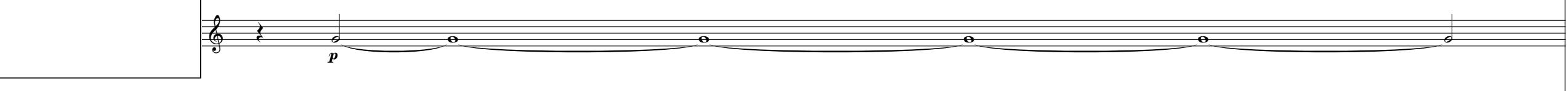
8

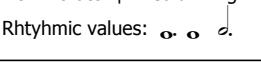
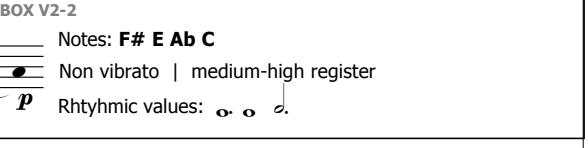
D**E**

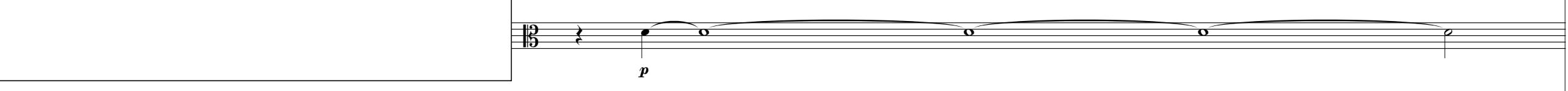
BEAT 1:01 1:02 1:03 1:04 1:05 1:06 1:07 1:08 1:09 1:10 1:11 1:12 1:13 1:14 1:15 1:16 1:17 1:18 1:19 1:20 1:21 1:22 1:23 1:24 1:25 1:26 1:27 1:28 1:29 1:30

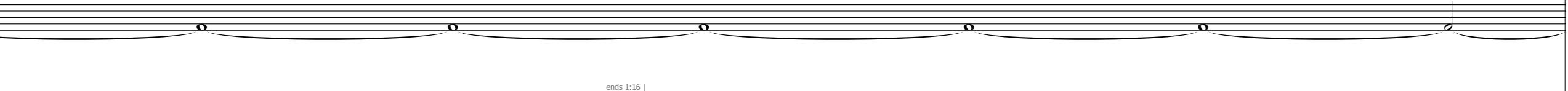
Ch.1 ends 1:07 | 

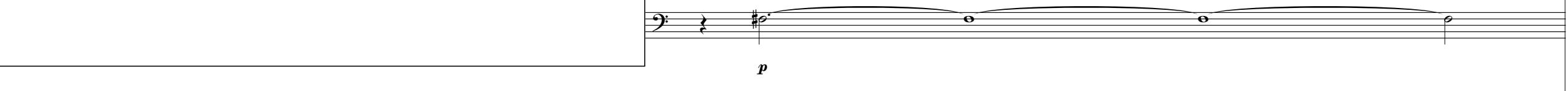
Vln.I | starts 1:13
BOX V1-2
Notes: **Bb F# E Ab**
Non vibrato | medium-high register
Rhythmic values: 


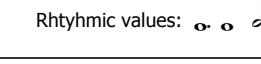
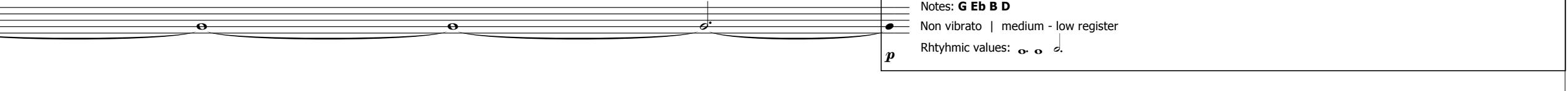
Ch.2 ends 1:09 | 

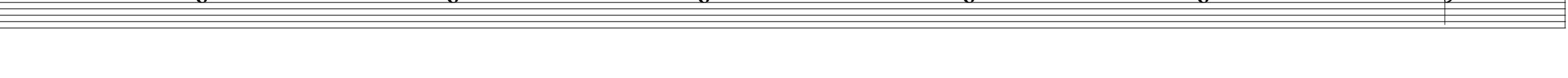
Vln.II | starts 1:25
BOX V2-2
Notes: **F# E Ab C**
Non vibrato | medium-high register
p Rhythmic values: 


Ch.3 | starts 1:04
BOX VA-1
- Reversed
p ends 1:14 | 

Vla. | starts 1:16


Ch.4 ends 1:16 | 

Vc. | starts 1:20
BOX VC-2
Notes: **G Eb B D**
Non vibrato | medium - low register
p Rhythmic values: 


Ch.5 8 | starts 1:28


F

G

BEAT

1:31 1:32 1:33 1:34 1:35 1:36 1:37 1:38 1:39 1:40 1:41 1:42 1:43 1:44 1:45 1:46 1:47 1:48 1:49 1:50 1:51 1:52 1:53 1:54 1:55 1:56 1:57 1:58 1:59 2:00

Ch.1

Vln.I | starts 1:57
BOX V1-3
Notes: **G C Ab B E**
Allowed vibrato | middle to high register
Rhythmic values:

Ch.2

Vln.II | ends 1:42 |
1:41 Mute off
p

Ch.3

Vla. | starts 1:33
BOX VA-2
Notes: **C G Eb B**
Non vibrato | low register
Rhythmic values:

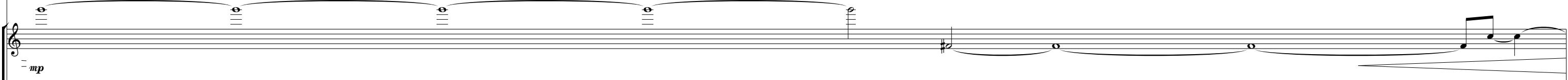
Ch.4

Vc. | ends 1:41 |
1:40 Mute off
p

Ch.5

H

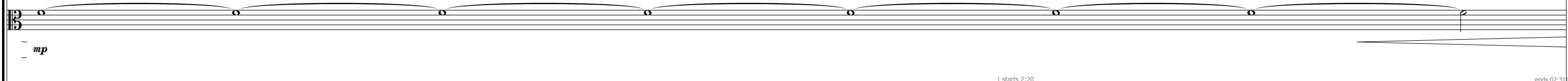
BEAT 2:01 2:02 2:03 2:04 2:05 2:06 2:07 2:08 2:09 2:10 2:11 2:12 2:13 2:14 2:15 2:16 2:17 2:18 2:19 2:20 2:21 2:22 2:23 2:24 2:25 2:26 2:27 2:28 2:29 2:30

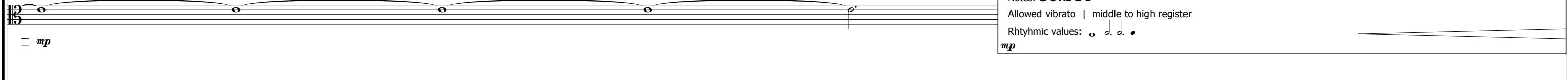
Ch.1 

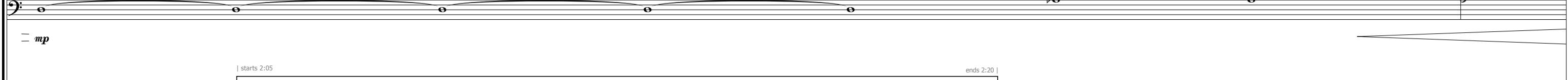
Vln.I 

Ch.2 

Vln.II 

Ch.3 

Vla. 

Ch.4 

Vc. 

Ch.5 

I

BEAT 2:31 2:32 2:33 2:34 2:35 2:36 2:37 2:38 2:39 2:40 2:41 2:42 2:43 2:44 2:45 2:46 2:47 2:48 2:49 2:50 2:51 2:52 2:53 2:54 2:55 2:56 2:57 2:58 2:59 3:00

Ch.1 *sul ponticello* *mf*

Vln.I *sul ponticello* *mf*

Ch.2 *mf*

Vln.II *sul ponticello* *mf*

Ch.3 *mf*

Vla. *sul tasto* *mf*

Ch.4 *mf*

Vc. *sul ponticello* *mf*

Ch.5 *mf*

J

BEAT 3:01 3:02 3:03 3:04 3:05 3:06 3:07 3:08 3:09 3:10 3:11 3:12 3:13 3:14 3:15 3:16 3:17 3:18 3:19 3:20 3:21 3:22 starts 3:22 ends 3:22,5 | BOX V1-2 - Reversed - Two times faster starts 3:29 ends 3:29,5 |

Ch.1 8 **ff** **ff**

Vln.I *8va* *ord.* **ff** **mf**

Ch.2 **ff** **mf**

Vln.II *ord.* **ff** **mf**

Ch.3 **ff** **mf**

Vla. *ord.* **ff** **mf**

Ch.4 **ff** **mf**

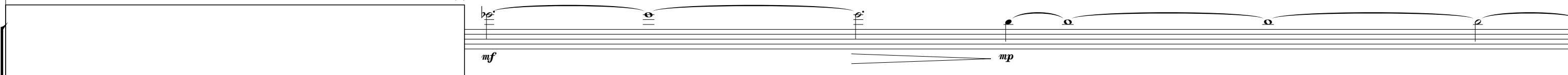
Vc. *ord.* **ff** **mf**

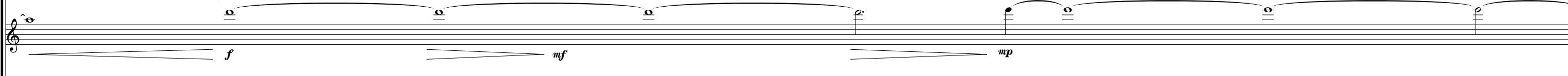
Ch.5 **ff** **mf**

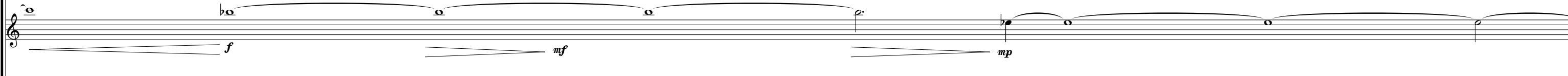
K

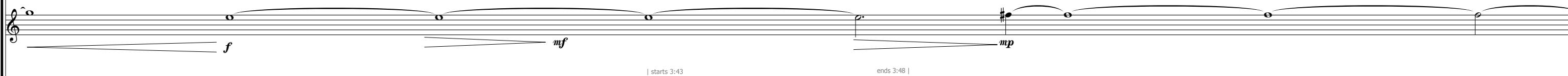
BEAT 3:31 3:32 3:33 3:34 3:35 3:36 3:37 3:38 3:39 3:40 3:41 3:42 3:43 3:44 3:45 3:46 3:47 3:48 3:49 3:50 3:51 3:52 3:53 3:54 3:55 3:56 3:57 3:58 3:59 4:00

ends 3:39,5 |

Ch.1 

Vln.I 

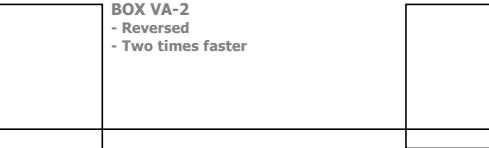
Ch.2 

Vln.II 

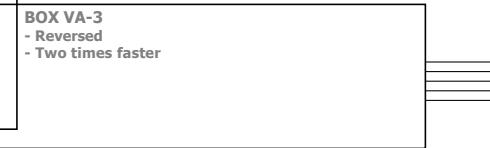
Ch.3 

| starts 3:39
BOX VA-3
- Reversed
- Two times faster

f

ends 4:44 | 

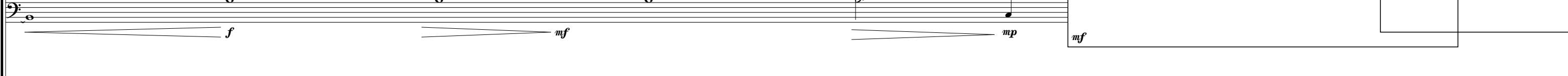
starts 3:43
ends 4:44
BOX VA-2
- Reversed
- Two times faster

ends 3:48 | 

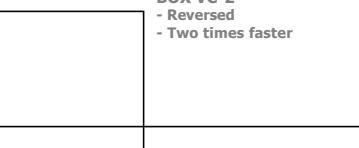
starts 3:47
ends 3:52
BOX VA-3
- Reversed
- Two times faster

mp

Vla. 

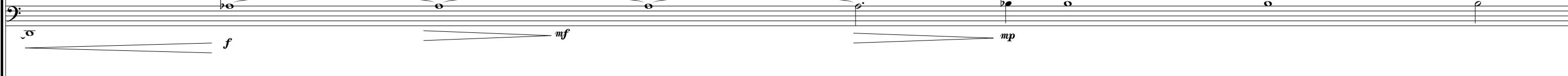
Ch.4 

f

starts 3:57
ends 3:58,5 | 

BOX VC-2
- Reversed
- Two times faster

mf

Vc. 

Ch.5 

L

BEAT 4:01 4:02 4:03 4:04 4:05 4:06 4:07 4:08 4:09 4:10 4:11 4:12 4:13 4:14 4:15 4:16 4:17 4:18 4:19 4:20 4:21 4:22 4:23 4:24 4:25 4:26 4:27 4:28 4:29 4:30

Ch.1

Vln.I

Ch.2

Vln.II

Ch.3

Vla.

Ch.4

Vc.

Ch.5

L

mf *p*

mf *p*

| starts 4:11 | ends 4:20 | **BOX V2-2**
- Reversed
- Two times faster | starts 4:25 | ends 4:27 | **BOX V2-1**
- Reversed
- Two times faster

mf

mf *p*

mf *p*

ends 4:07,5 | | starts 4:06 | ends 4:13,5 | **BOX VC-1**
- Reversed
- Two times faster | *p*

mf *p*

mf *p*

M

BEAT

4:31 4:32 4:33 4:34 4:35 4:36 4:37 4:38 4:39 4:40 4:41 4:42 4:43 4:44 4:45

Ch 1

A musical score for a single melodic line. The line begins at the top of the staff with a note, descends through several other notes and rests, and ends with a final note on the bottom line. The dynamic marking "pp" is placed below the staff.

Vln. I

Ch.2

pp

Vln.II

A musical score for a single melodic line. The staff begins with a fermata over a note, followed by a grace note on the next step of the scale. The main note is sustained with a fermata, and a grace note concludes the phrase.

Ch.3

pp **mf** **p**

Vla.

Ch 4

Musical score for bassoon, page 10, measures 11-12. The score consists of two staves. The top staff shows a bass clef, a key signature of one sharp, and a common time signature. The bottom staff shows a bass clef and a common time signature. Measure 11 starts with a rest followed by a dynamic *p*. Measure 12 begins with a note on the second line, followed by a note on the fourth line, a note on the fifth line, and a note on the second line. The dynamic *pp* is placed under the first three notes. Measures 11 and 12 end with a fermata over the last note.

Yc

Musical score for bassoon, page 10, measures 11-12. The score consists of two systems. The first system starts with a rest followed by a dynamic instruction *p*. The second system begins with a bass clef, a key signature of one sharp, and a common time signature. It features a sustained note on the fourth line with a vertical bar line through it, followed by a dynamic instruction *pp*.

Ch.5

A musical score for bassoon. It features a bass clef, a 8/8 time signature, and a dynamic marking *pp*. The notes are written on a single staff, with the first note having a vertical stroke and the second note having a horizontal stroke. The third note is a rest.

Estampa de un Volar Complejo [Imprint of a Flying Complex]

♩ = 80

A

4
4

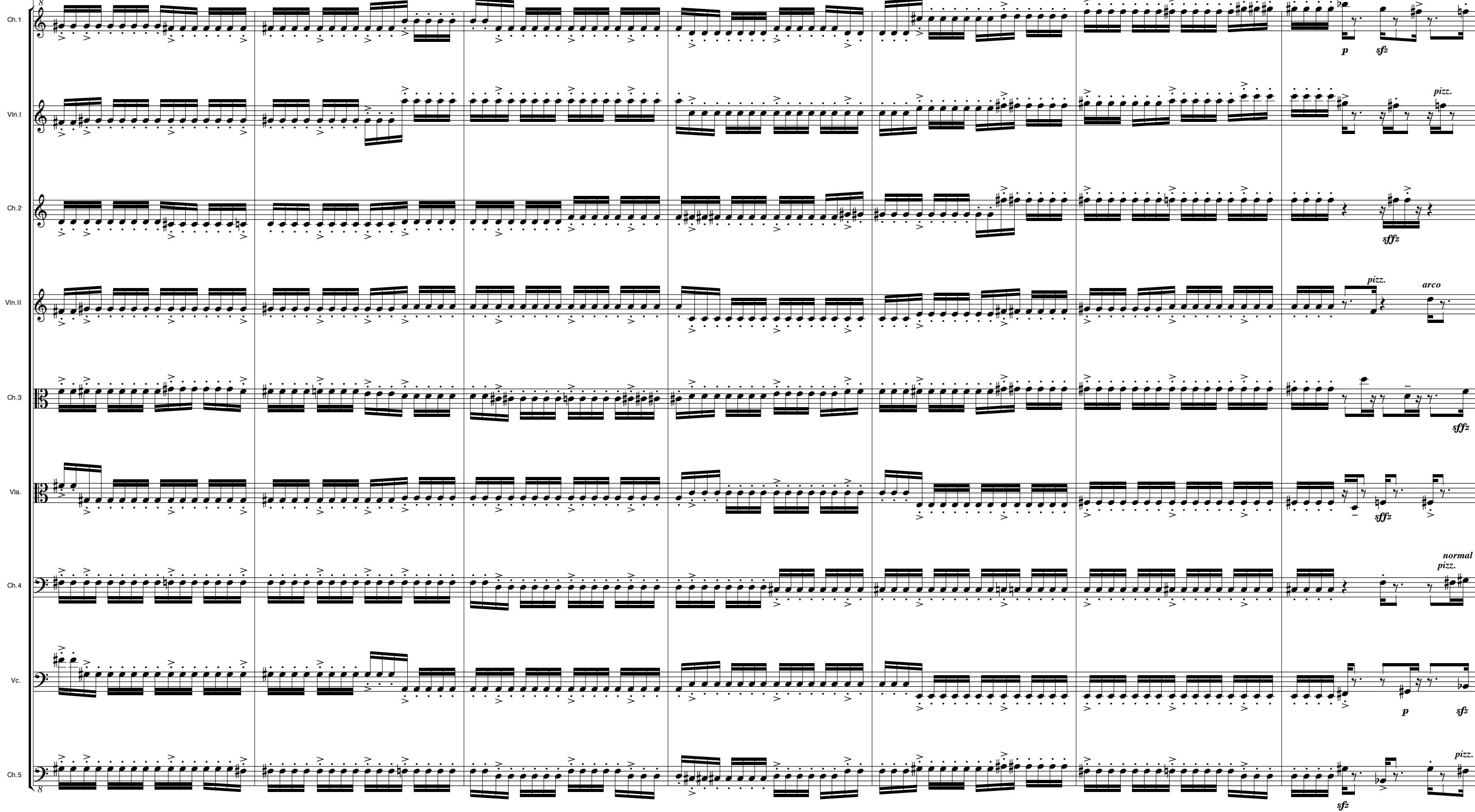
BEAT

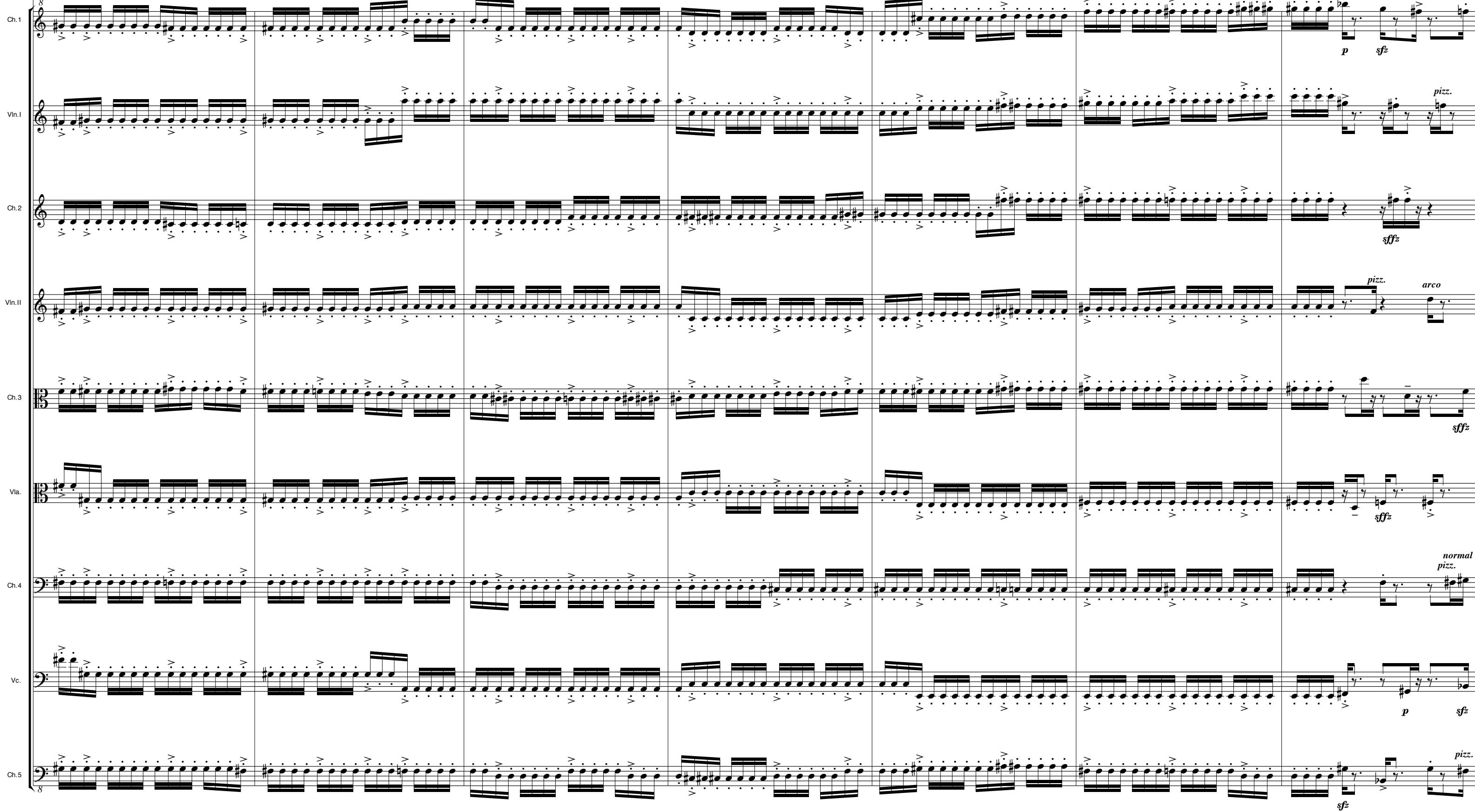
The musical score consists of ten staves, each representing a different instrument or channel. The channels are: Channel 1, Violin I, Channel 2, Violin II, Channel 3, Viola, Channel 4, and Violoncello. The score is set in common time (indicated by the '4/4' symbol). The tempo is marked as ♩ = 80. The score includes a detailed timeline from -4 to 0:20 seconds. The music features various dynamic markings such as *pp* (pianissimo), *leggero*, and *p* (piano). The notation includes eighth-note patterns with grace marks and sustained notes. The score is divided into measures by vertical bar lines.

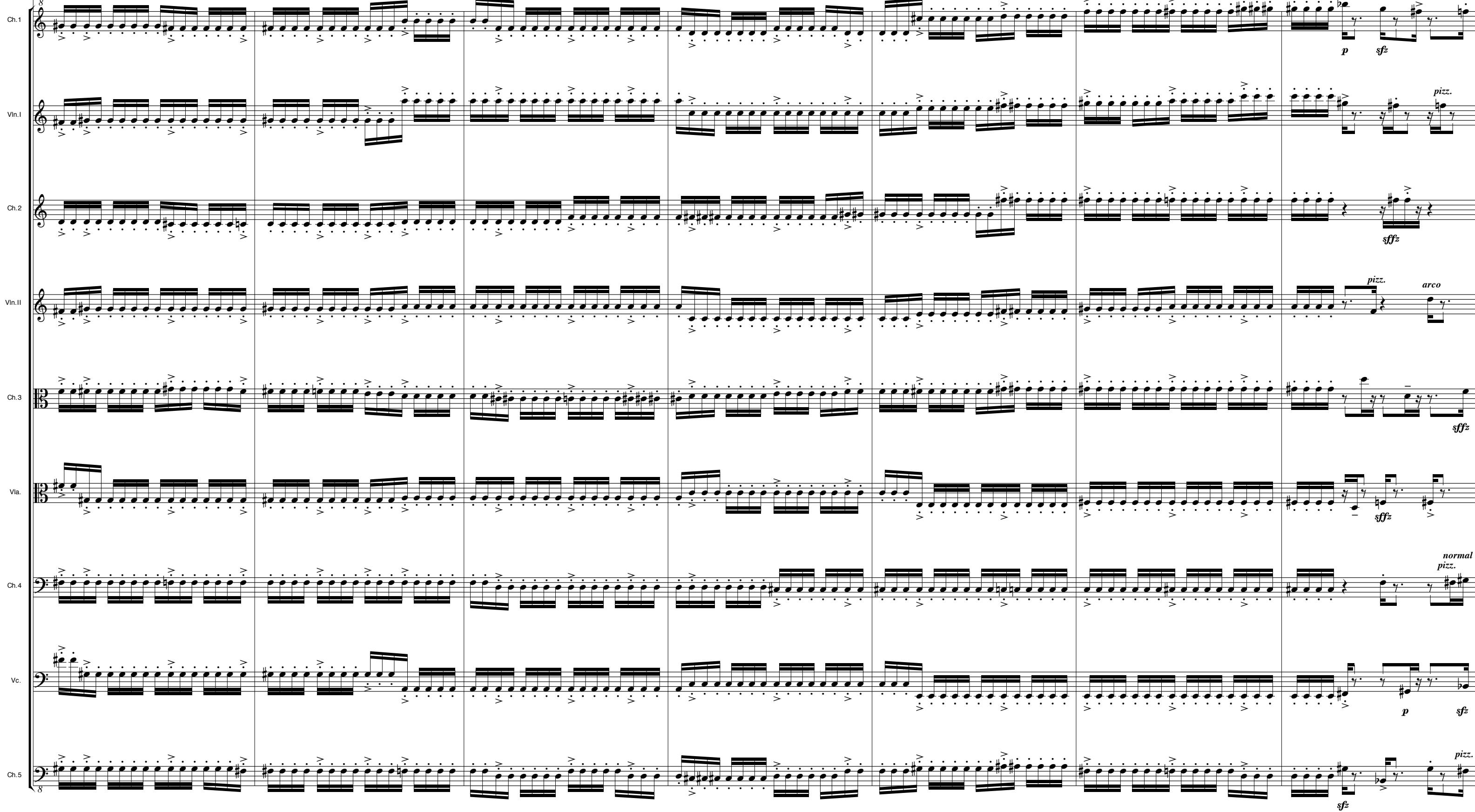
B

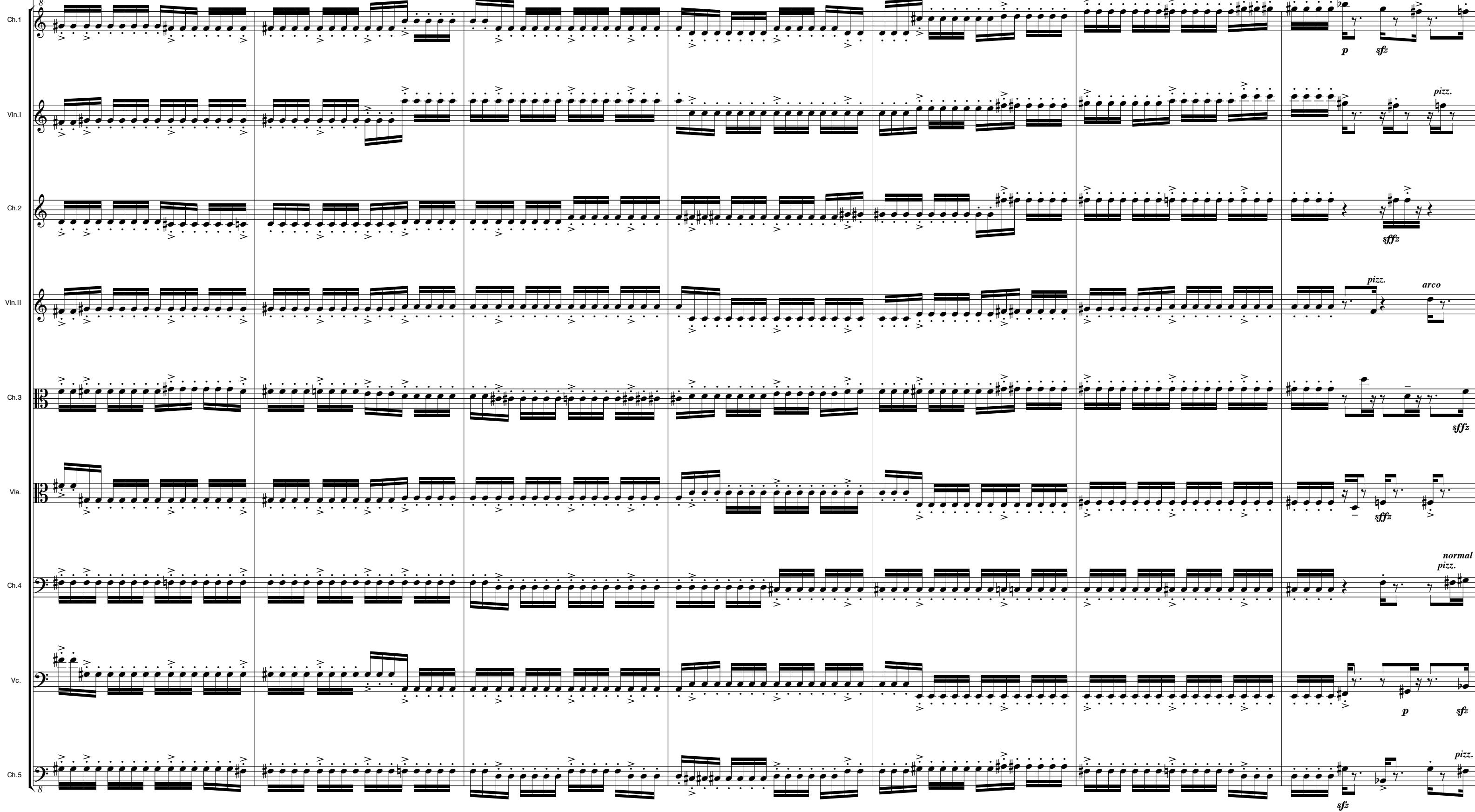
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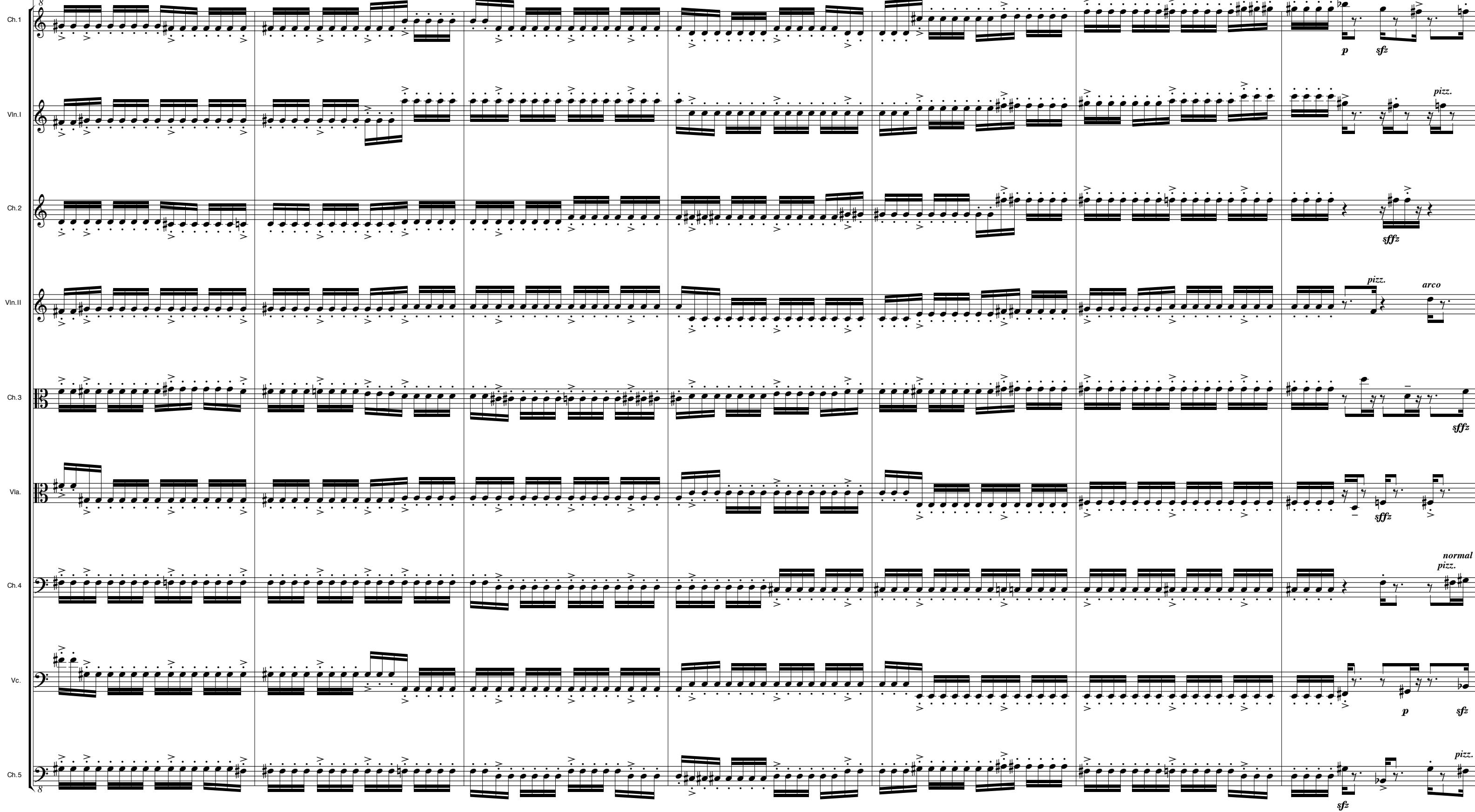
BEAT 0:21 0:22 0:23 0:24 0:25 0:26 0:27 0:28 0:29 0:30 0:31 0:32 0:33 0:34 0:35 0:36 0:37 0:38 0:39 0:40 0:41 0:42 0:43 0:44 0:45 0:46 0:47 0:48

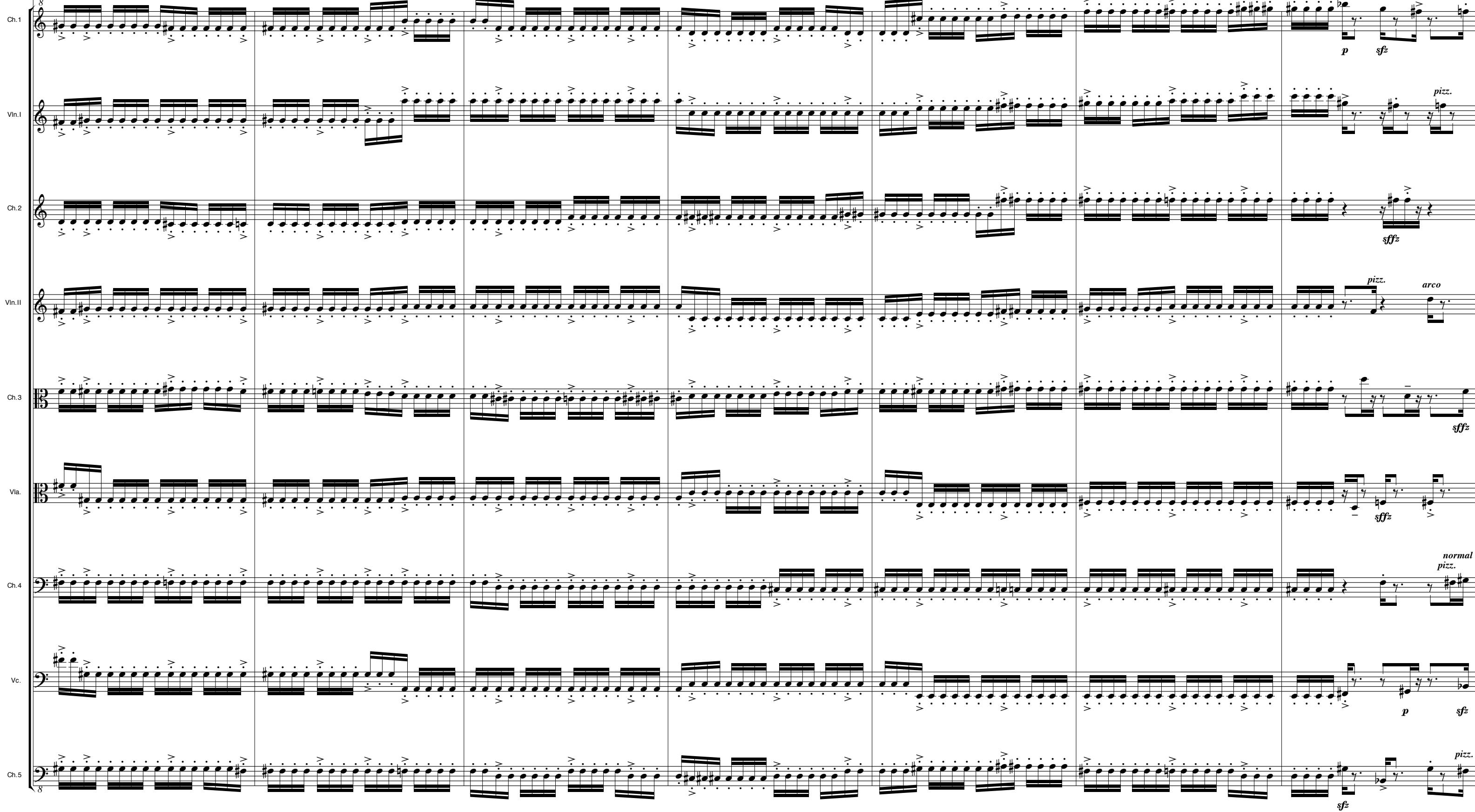
7 Ch.1 

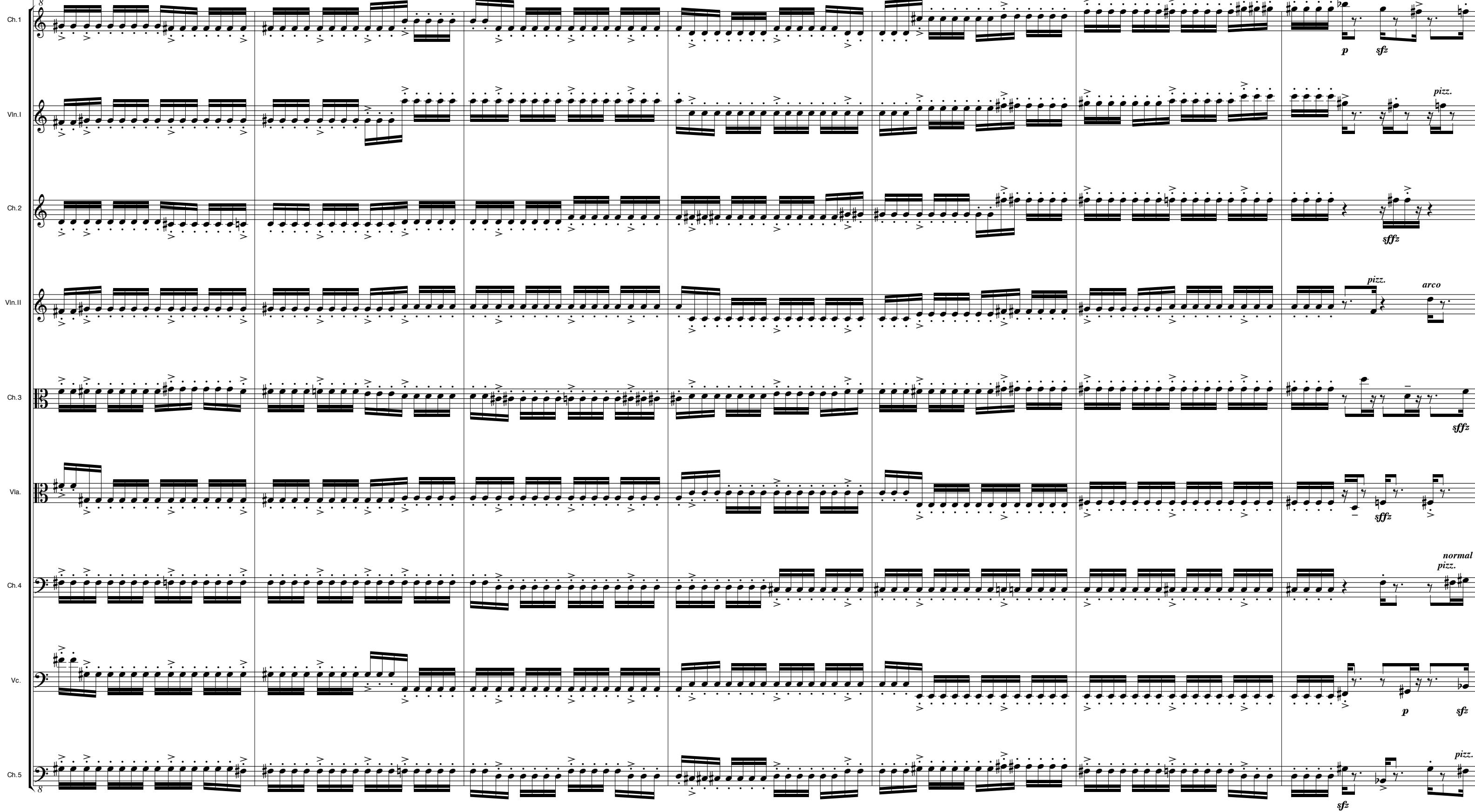
8 Vln.I 

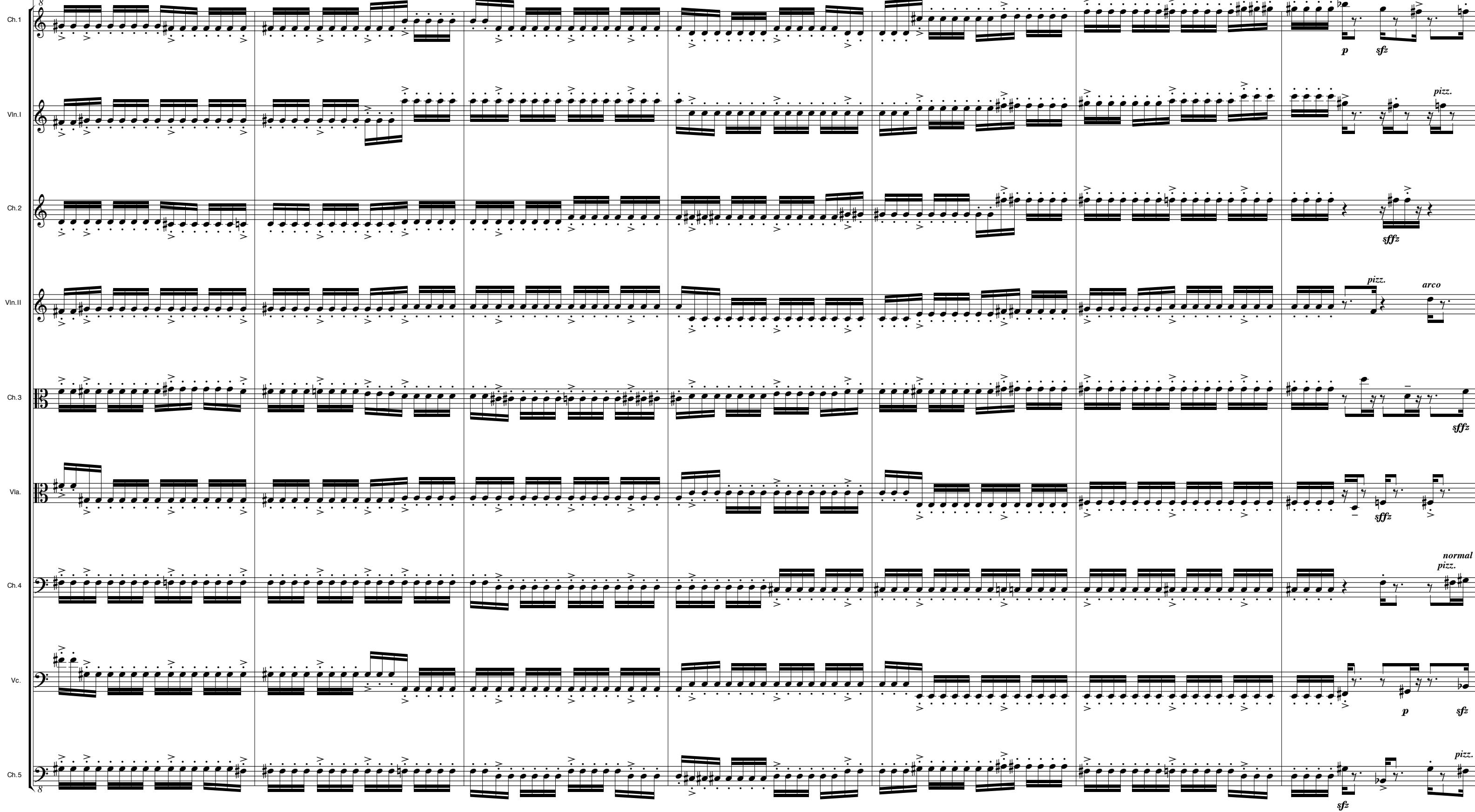
Ch.2 

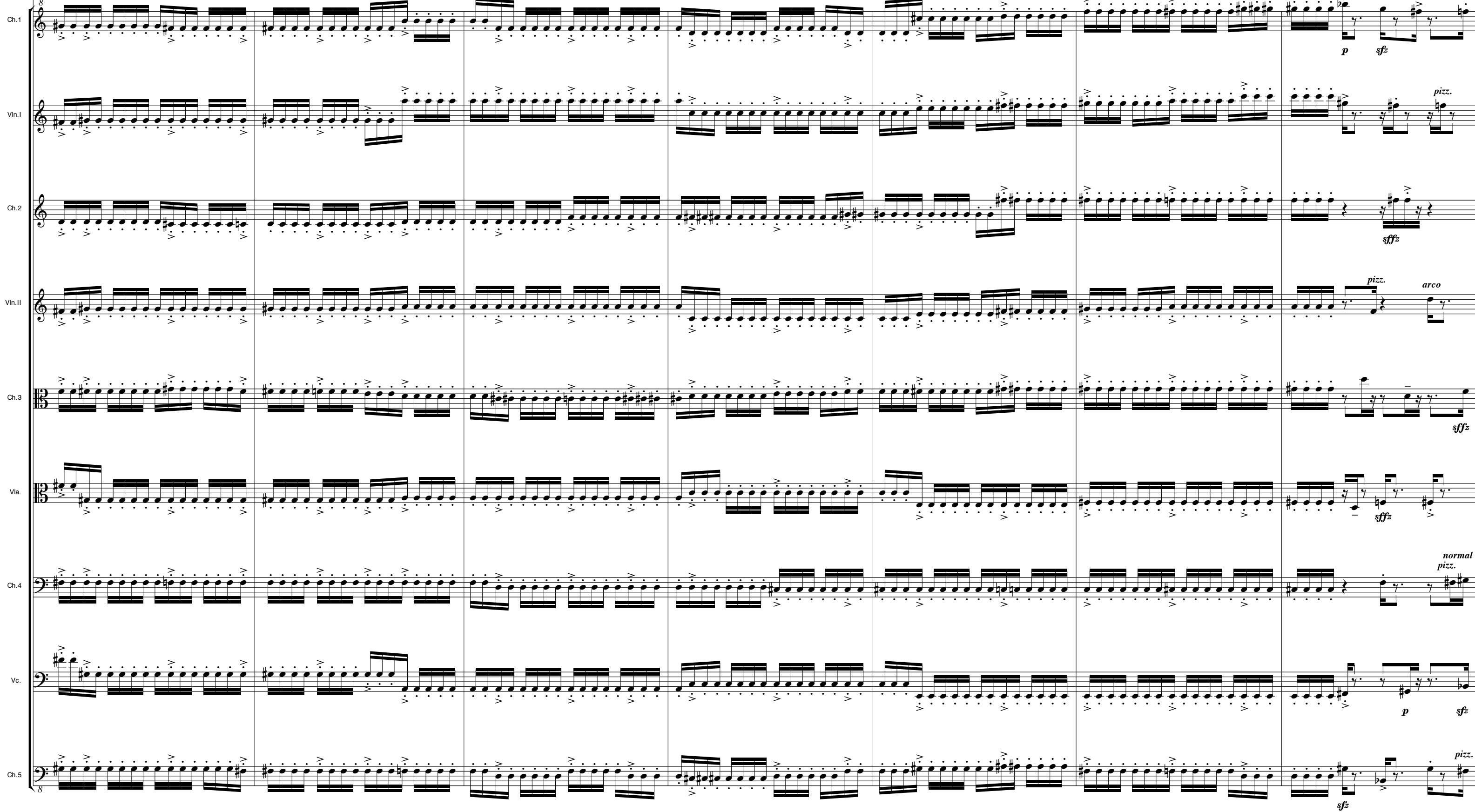
Vln.II 

Ch.3 

Vla. 

Ch.4 

Vc. 

Ch.5 

D

E

14 0:49 0:50 0:51 0:52 0:53 0:54 0:55 0:56 0:57 0:58 0:59 1:00 1:01 1:02 1:03 1:04 1:05 1:06 1:07 1:08 1:09 1:10 1:11 1:12 1:13 1:14 1:15 1:16

BEAT

pizz. 8

Ch.1 *pizz.* *normal* *sffz* *f* *fp* *fp* *fp* *fp*

Vln.I *arco* *sffz* *f* *sul. pont.* *fp* *fp* *fp* *fp* *pp*

Ch.2 *p* *sffz* *pizz.* *normal* *fp* *fp* *fp* *fp* *pp*

Vln.II *leggero* *sffz* *p* *sffz* *f* *fp* *fp* *fp* *pp*

Ch.3 *p* *sffz* *pizz.* *normal* *fp* *fp* *fp* *fp* *pp*

Vla. *pizz.* *arco* *sul. pont.* *fp* *f* *espressivo* *fp* *fp* *pp*

Ch.4 *sffz* *p* *sffz* *fp* *fp* *fp* *fp* *pp*

Vc. *pizz.* *arco* *sul. pont.* *sffz* *fp* *fp* *f* *pp*

Ch.5 *normal* *sffz* *p* *fp* *fp* *fp* *fp*

$$\begin{array}{r} 3 \\ + 1 \\ \hline 16 \end{array} \quad \begin{array}{r} 4 \\ + 7 \\ \hline 16 \end{array} \quad \boxed{F}$$

Musical score for orchestra, page 8, measures 1-16. The score consists of nine staves (Ch.1, Vln.I, Ch.2, Vln.II, Ch.3, Vla., Ch.4, Vc., Ch.5) and includes a tempo marking of $\frac{16}{16} + \frac{4}{16} + \frac{7}{16}$. Measure 1: Ch.1 (pizzicato), Vln.I, Ch.2, Vln.II, Ch.3. Measure 2: Vln.I, Ch.2, Vln.II, Ch.3. Measure 3: Vln.I, Ch.2, Vln.II, Ch.3. Measure 4: Vln.I, Ch.2, Vln.II, Ch.3. Measure 5: Vln.I, Ch.2, Vln.II, Ch.3. Measure 6: Vln.I, Ch.2, Vln.II, Ch.3. Measure 7: Vln.I, Ch.2, Vln.II, Ch.3. Measure 8: Vln.I, Ch.2, Vln.II, Ch.3. Measure 9: Vln.I, Ch.2, Vln.II, Ch.3. Measure 10: Vln.I, Ch.2, Vln.II, Ch.3. Measure 11: Vln.I, Ch.2, Vln.II, Ch.3. Measure 12: Vln.I, Ch.2, Vln.II, Ch.3. Measure 13: Vln.I, Ch.2, Vln.II, Ch.3. Measure 14: Vln.I, Ch.2, Vln.II, Ch.3. Measure 15: Vln.I, Ch.2, Vln.II, Ch.3. Measure 16: Vln.I, Ch.2, Vln.II, Ch.3.

4
4 G

49

Musical score for orchestra and piano, page 34, measures 1:59 to 2:22. The score includes parts for Ch.1, Vln.I, Ch.2, Vln.II, Ch.3, Vla., Ch.4, Vc., and Ch.5. The piano part is at the bottom. The score shows various musical instruments playing complex patterns of eighth and sixteenth notes. Measure 1:59 starts with a piano dynamic of *p*. Measures 2:00-2:01 show piano dynamics of *f* and *mp*. Measures 2:02-2:03 show piano dynamics of *f* and *mf*. Measures 2:04-2:05 show piano dynamics of *f* and *mp*. Measures 2:06-2:07 show piano dynamics of *f* and *mf*. Measures 2:08-2:09 show piano dynamics of *f* and *mp*. Measures 2:10-2:11 show piano dynamics of *f* and *mf*. Measures 2:12-2:13 show piano dynamics of *f* and *mf*. Measures 2:14-2:15 show piano dynamics of *f* and *mf*. Measures 2:16-2:17 show piano dynamics of *f* and *mf*. Measures 2:18-2:19 show piano dynamics of *f* and *mf*. Measures 2:20-2:21 show piano dynamics of *f* and *mf*. Measures 2:22 end with a piano dynamic of *f*.

H

41 2:23 2:24 2:25 2:26 2:27 2:28 2:29 2:30 2:31 2:32 2:33 2:34 2:35 2:36 2:37 2:38 2:39 2:40 2:41 2:42 2:43 2:44 2:45 2:46 2:47 2:48 2:49 2:50 2:51 2:52 2:53 2:54 2:55 2:56 2:57 2:58

BEAT

Ch.1 *ff* *mf* *mp* *pp*

Vln.I *f* *mf* *mp* *pp*

Ch.2 *ff* *mf* *mp* *pp*

Vln.II *mf* *mp* *mf*

Ch.3 *ff* *f* *mp* *pp*

Vla. *leggero* *mf* *mp* *pp*

Ch.4 *ff* *mf* *mp* *pp*

Vc. *mf* *mp* *pp*

Ch.5 *ff* *mf* *mp* *pp*

I

J

50 BEAT 2:59 3:00 3:01 3:02 3:03 3:04 3:05 3:06 3:07 3:08 3:09 3:10 3:11 3:12 3:13 3:14 3:15 3:16 3:17 3:18 3:19 3:20 3:21 3:22 3:23 3:24 3:25 3:26 3:27 3:28 3:29

leggero

Ch.1 *f* *mp*

leggero

Vln.I *f* *mp*

leggero

Ch.2 *f* *mp*

Vln.II *mp*

Ch.3 *mp*

Vla. *mp*

leggero

Ch.4 *f* *mp*

Vc. *f* *mp*

leggero

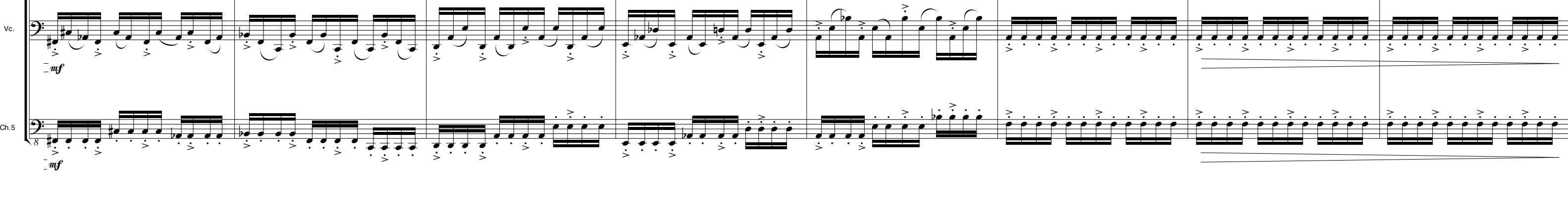
Ch.5 *f* *mp*

K

58 BEAT 3:30 3:31 3:32 3:33 3:34 3:35 3:36 3:37 3:38 3:39 3:40 3:41 3:42 3:43 3:44 3:45 3:46 3:47 3:48 3:49 3:50 3:51 3:52 3:53

Ch.1 

Vln.I 

Ch.2 

Vln.II

Ch.3

Vla.

Ch.4

Vc.

Ch.5

L

3:45 3:46 3:47 3:48 3:49 3:50 3:51 3:52 3:53

M

BEAT

66 3:54 3:55 3:56 3:57 3:58 3:59 4:00 4:01 4:02 4:03 4:04 4:05 4:06 4:07 4:08 4:09 4:10 4:11 4:12 4:13 4:14 4:15 4:16 4:17

Ch.1 *pp* *mf* *tr* *mp*

Vln.I *tr* *mp*

Ch.2 *pp* *mf* *tr* *mp*

Vln.II *pp*

Ch.3 *pp* *mf*

Vla. *pp*

Ch.4 *pp*

Vc. *pp*

Ch.5 *pp*

N

74 4:18 4:19 4:20 4:21 4:22 4:23 4:24 4:25 4:26 4:27 4:28 4:29 4:30 4:31 4:32 4:33 4:34 4:35 4:36 4:37 4:38 4:39 4:40 4:41

BEAT

0

Ch.1

Vln.I

Ch.2

Vln.II

Ch.3

Vla.

Ch.4

Vc.

Ch.5

4

4 P

BEAT 4:42 4:43 4:44 4:45 4:46 4:47 4:48 4:49 4:50 4:51 4:52 4:53 4:54 4:55 4:56 4:57 4:58 4:59 5:00 5:01 5:02 5:03 5:04 5:05 5:06 5:07 5:08 5:09 5:10 5:11 5:12

82

Ch.1

Vln.I

Ch.2

Vln.II

Ch.3

Vla.

Ch.4

Vc.

Ch.5

normal

p

p

p

p

p

arco

pizz.

Q

BEAT 5:13 5:14 5:15 5:16 5:17 5:18 5:19 5:20 5:21 5:22 5:23 5:24 5:25 5:26 5:27 5:28 5:29 5:30 5:31 5:32 5:33 5:34 5:35 5:36 5:37 5:38 5:39 5:40

R

3

90

Ch.1 *leggero* **pp** **p** **mp** **mf** **mf**

Vln.I **p** **p** **mp** **mp** **mf** **mf** **mf**

Ch.2 *leggero* **pp** **p** **v.** **mp** **mf** **mf** **mf**

Vln.II **p** **p** **mp** **mp** **mf** **mf** **mf**

Ch.3 *leggero* **pp** **p** **v.** **mp** **mf** **mf**

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

Ch.4 *leggero* **pp** **p** **v.** **mp** **mf**

Vc. **p** **v.** **mp** **mf**

Ch.5 **v.** **mp** **mf**

T

104 BEAT

6:02 6:03 6:04 6:05 6:06 6:07 6:08 6:09 6:10 6:11 6:12 6:13 6:14 6:15 6:16 6:17 6:18 6:19

Ch.1

Vln.I

Ch.2

Vln.II

Ch.3

Vla.

Ch.4

Vc.

Ch.5

fp *fp* *fp* *fp* *f*

U

(110) BEAT 6:20 6:21 6:22 6:23 6:24 6:25 6:26 6:27 6:28 6:29 6:30 6:31 6:32 6:33 6:34 6:35 6:36 6:37 6:38 6:39 6:40 6:41 6:42 6:43

Ch.1

Vln.I

Ch.2

Vln.II

Ch.3

Vla.

Ch.4

Vc.

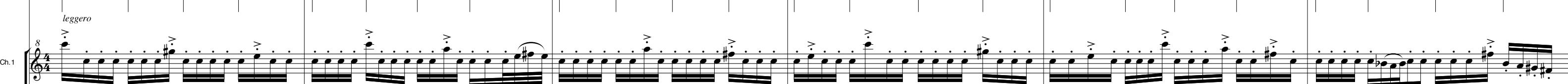
Ch.5

4
4

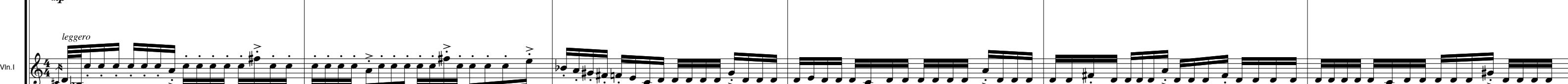
V

118 BEAT 6:44 6:45 6:46 6:47 6:48 6:49 6:50 6:51 6:52 6:53 6:54 6:55 6:56 6:57 6:58 6:59 7:00 7:01 7:02 7:03 7:04 7:05 7:06 7:07

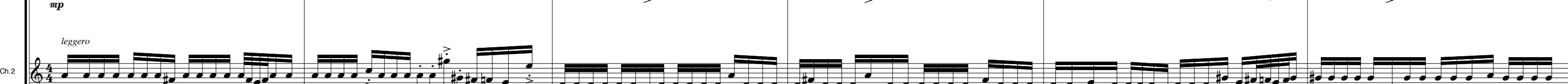
leggero

Ch.1 

leggero

Vln.I 

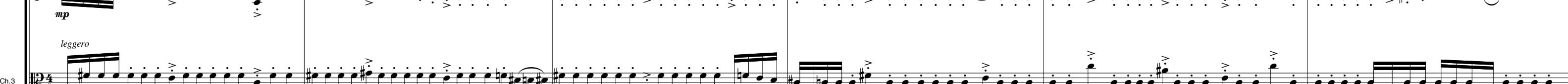
leggero

Ch.2 

leggero

Vln.II 

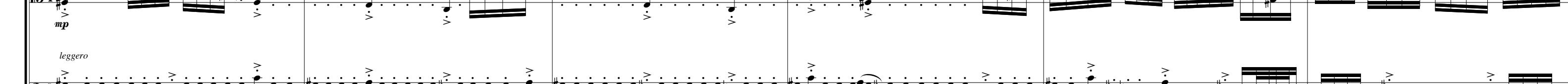
leggero

Ch.3 

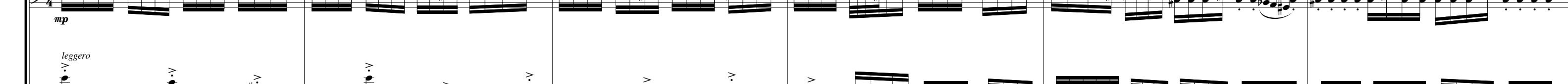
leggero

Vla. 

leggero

Ch.4 

leggero

Vc. 

leggero

Ch.5 

W

124 BEAT 7:08 7:09 7:10 7:11 7:12 7:13 7:14 7:15 7:16 7:17 7:18 7:19 7:20 7:21 7:22 7:23 7:24 7:25 7:26 7:27

Ch.1
V. Ch.1

Vln.I
V. Vln.I

Ch.2
V. Ch.2

Vln.II
V. Vln.II

Ch.3
V. Ch.3

Vla.
V. Vla.

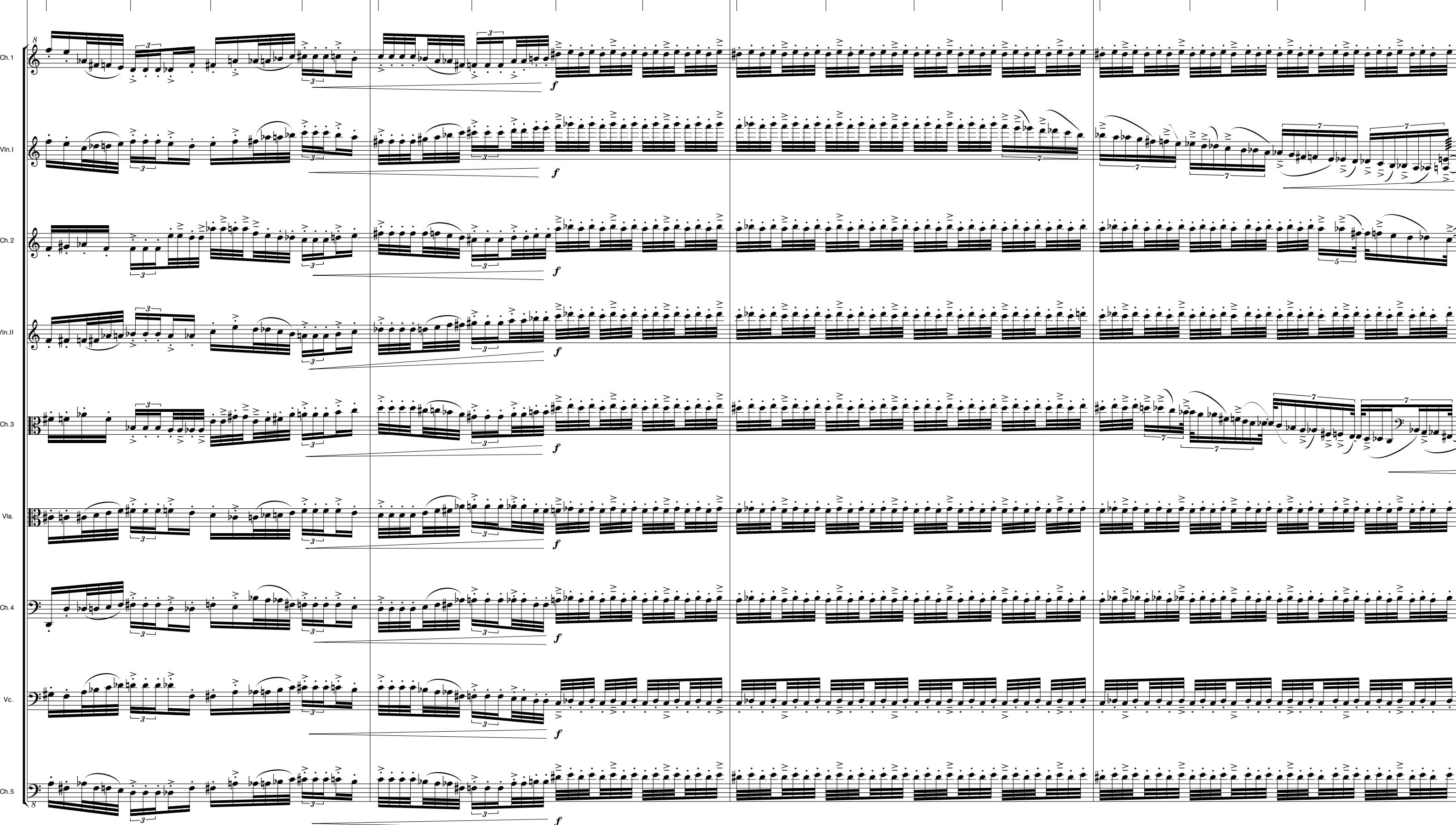
Ch.4
V. Ch.4

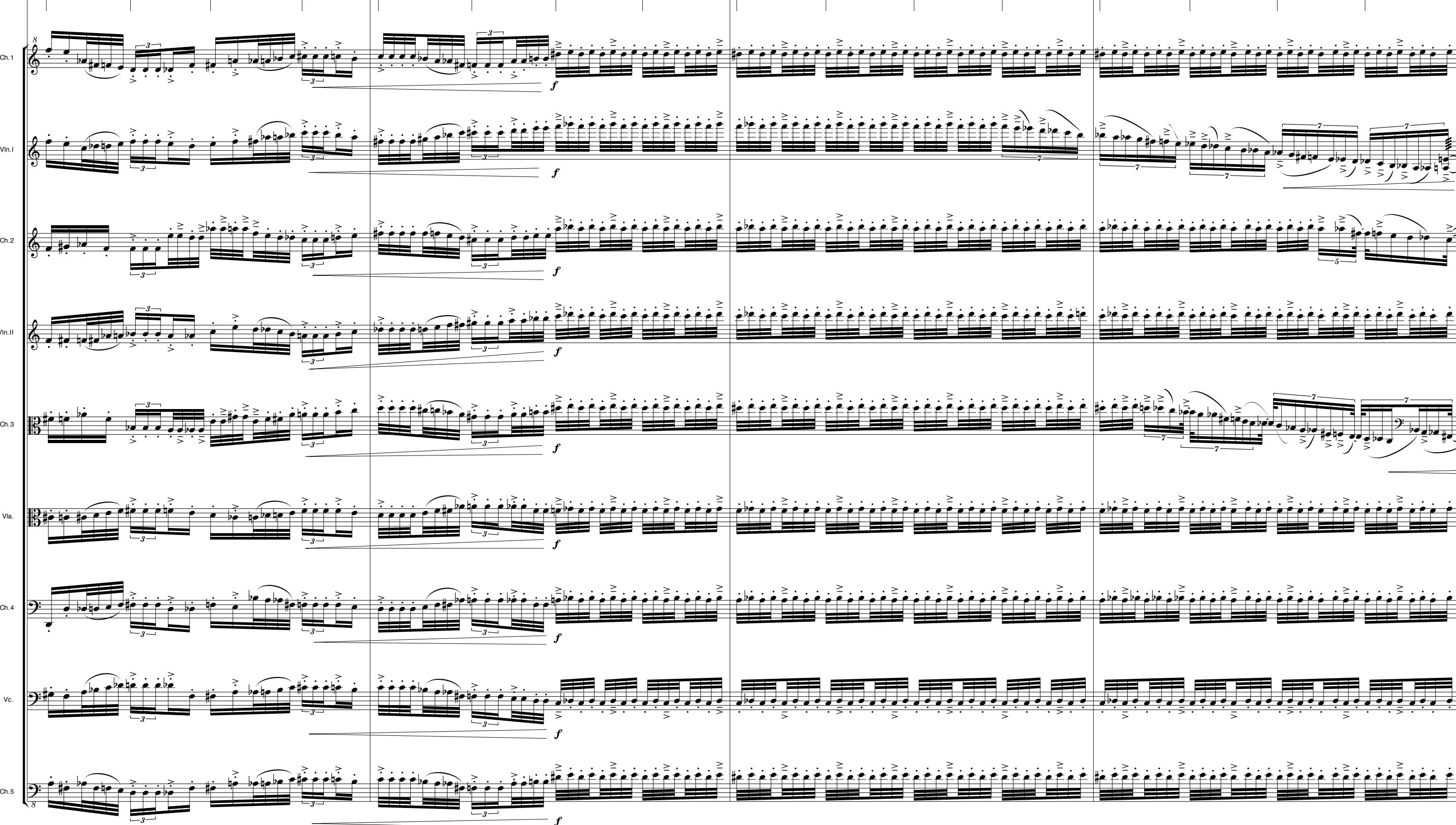
Vc.
V. Vc.

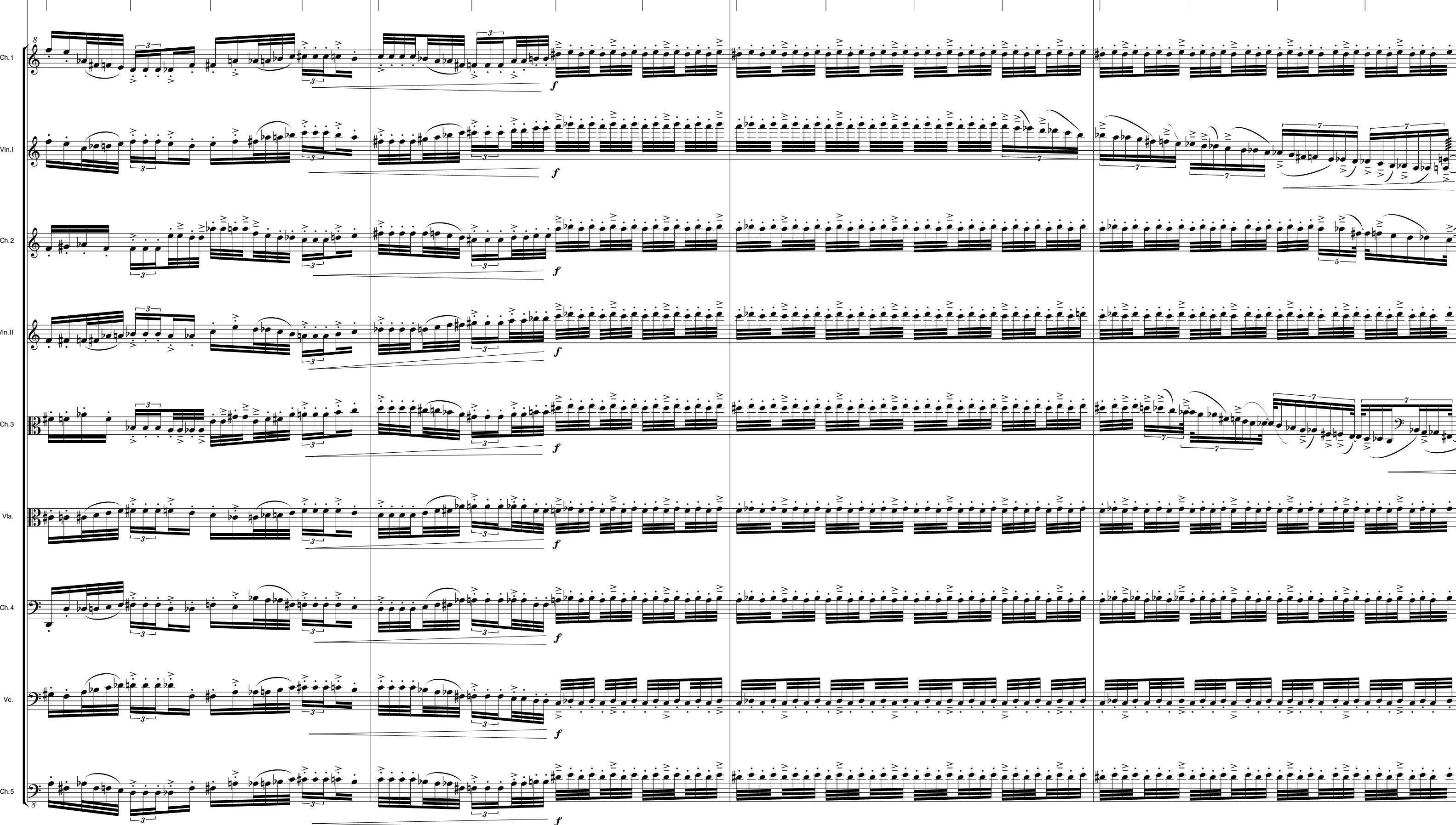
Ch.5
V. Ch.5

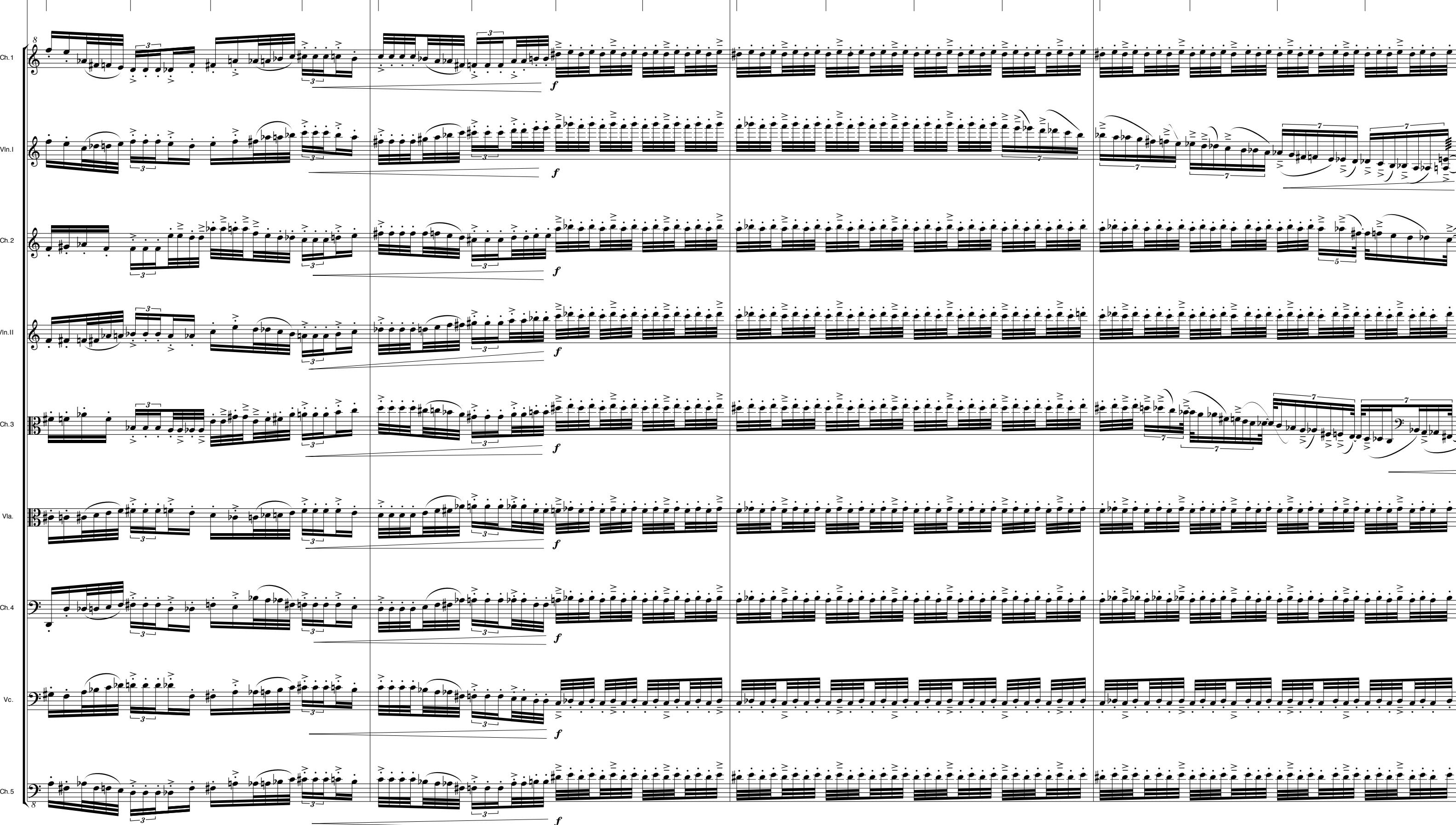
X

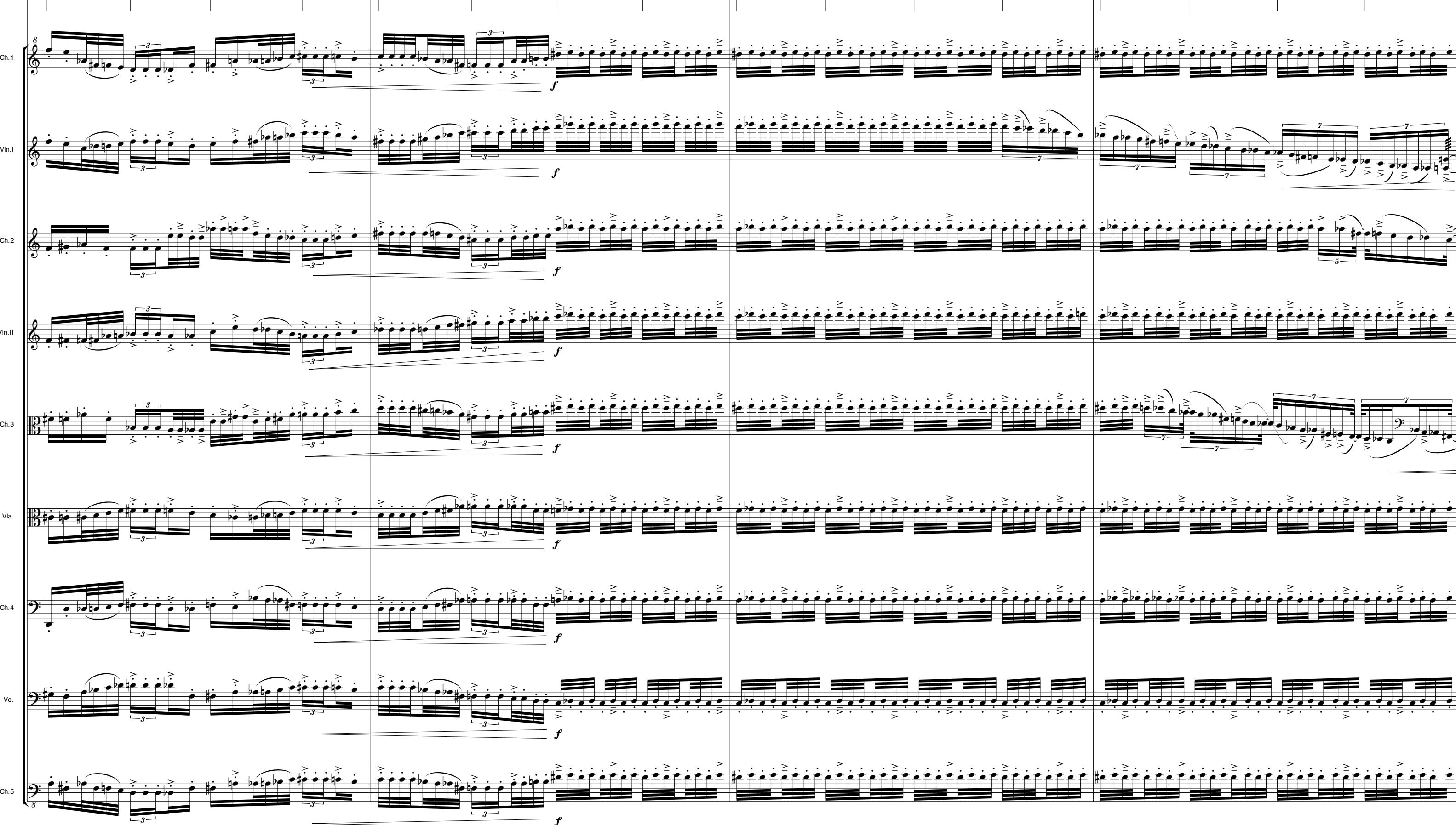
129 BEAT 7:28 7:29 7:30 7:31 7:32 7:33 7:34 7:35 7:36 7:37 7:38 7:39 7:40 7:41 7:42 7:43

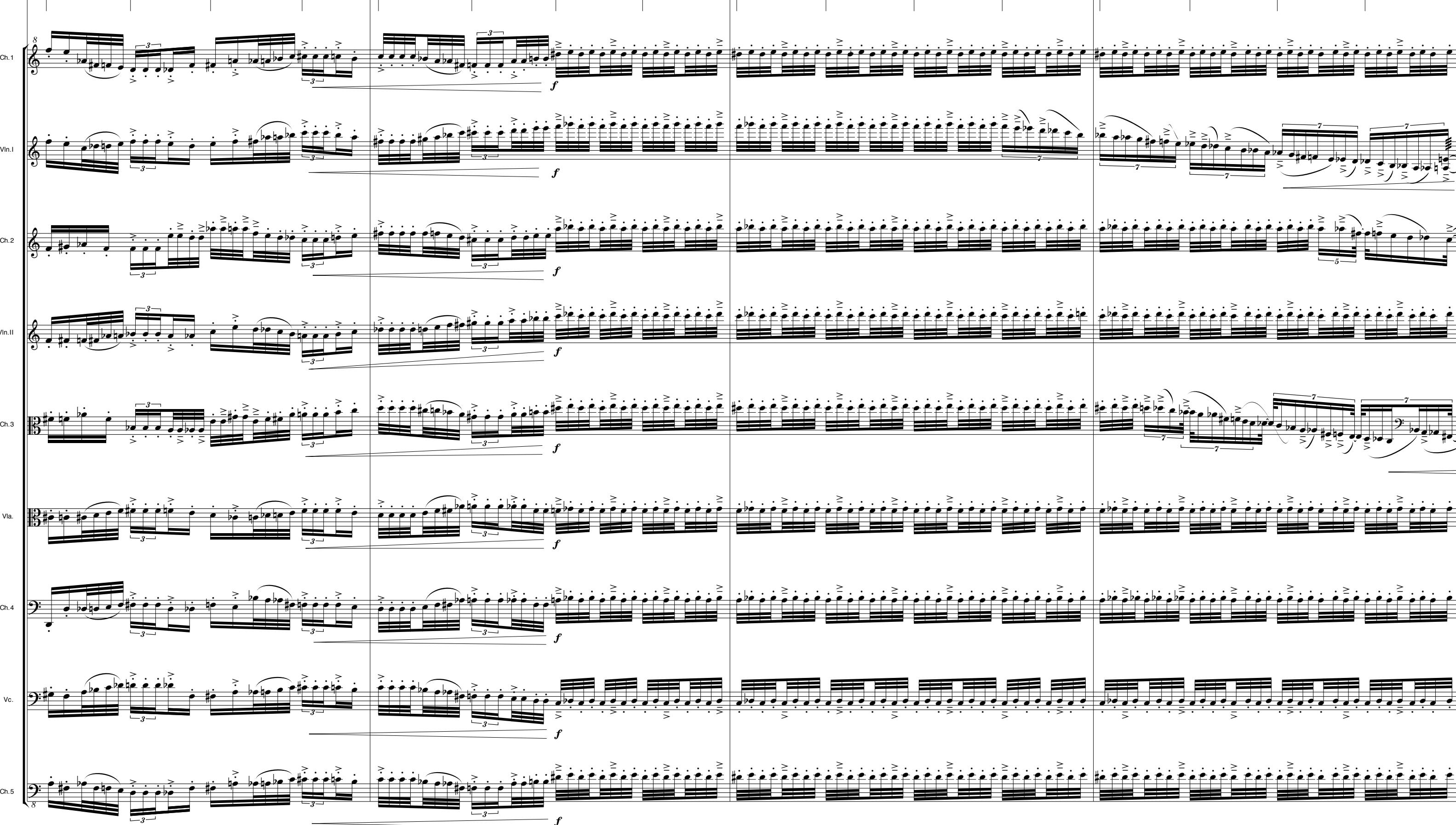
Ch.1 8 Ch.1 8


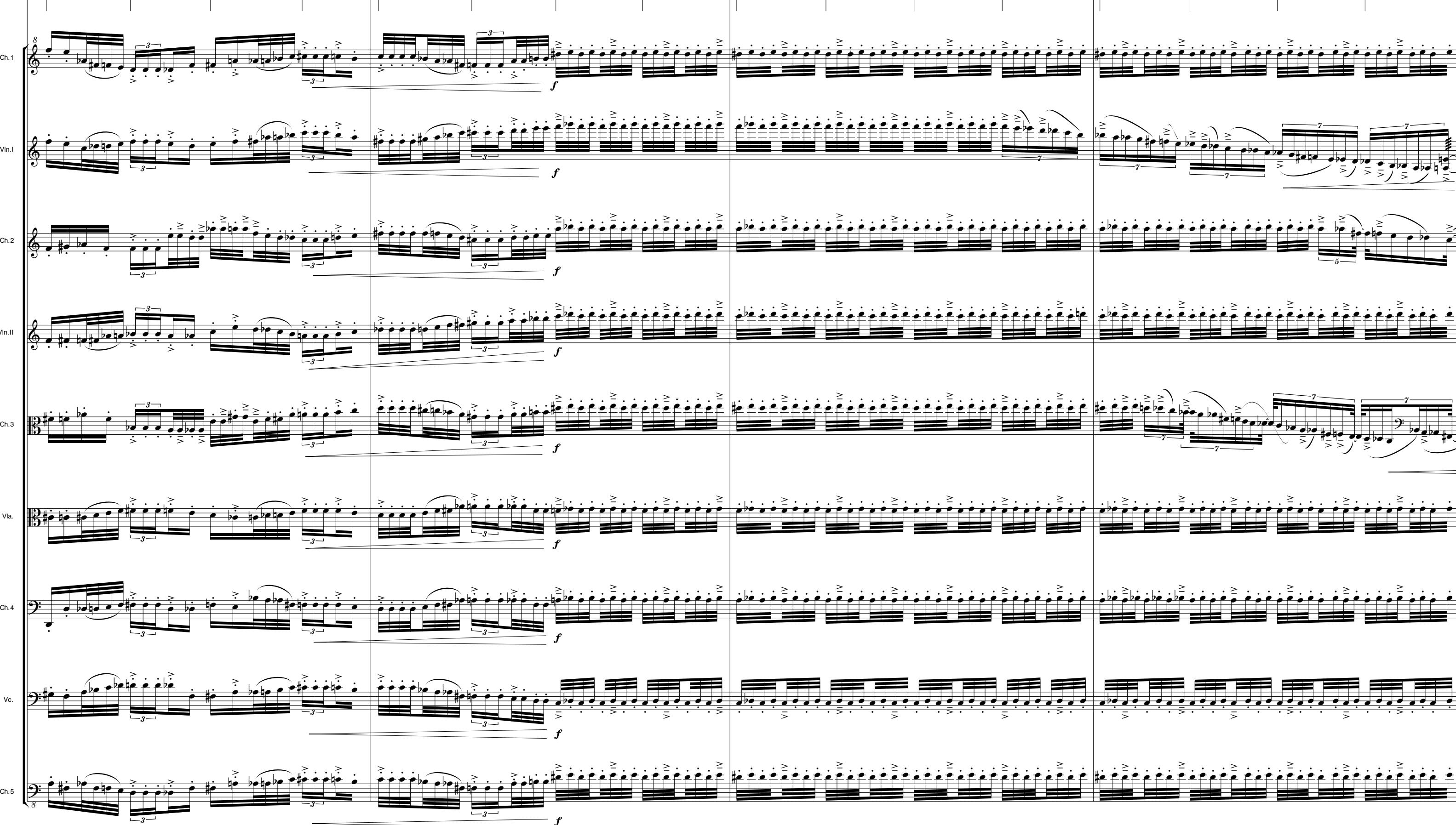
Vln.I Vln.I


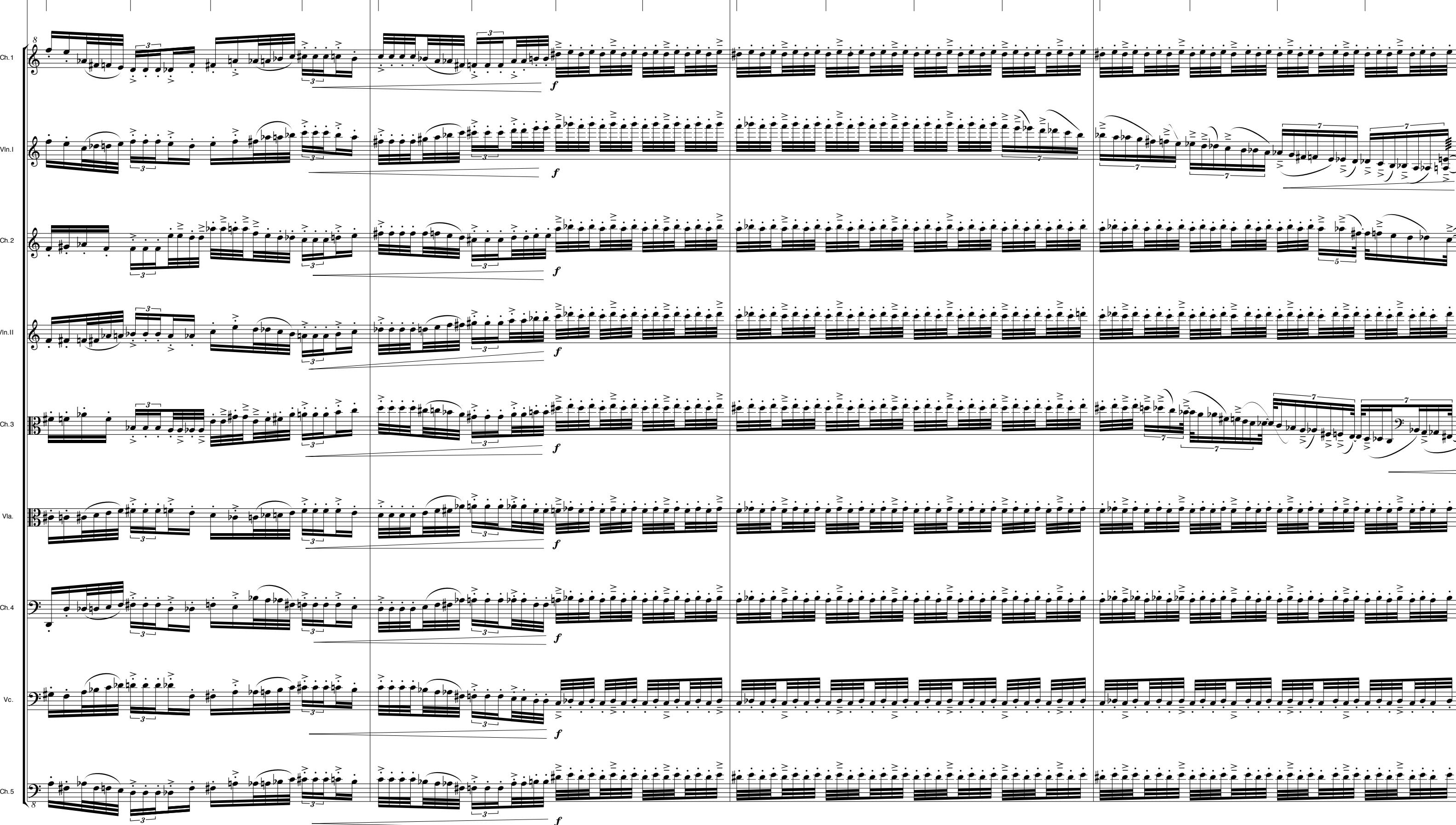
Ch.2 Ch.2


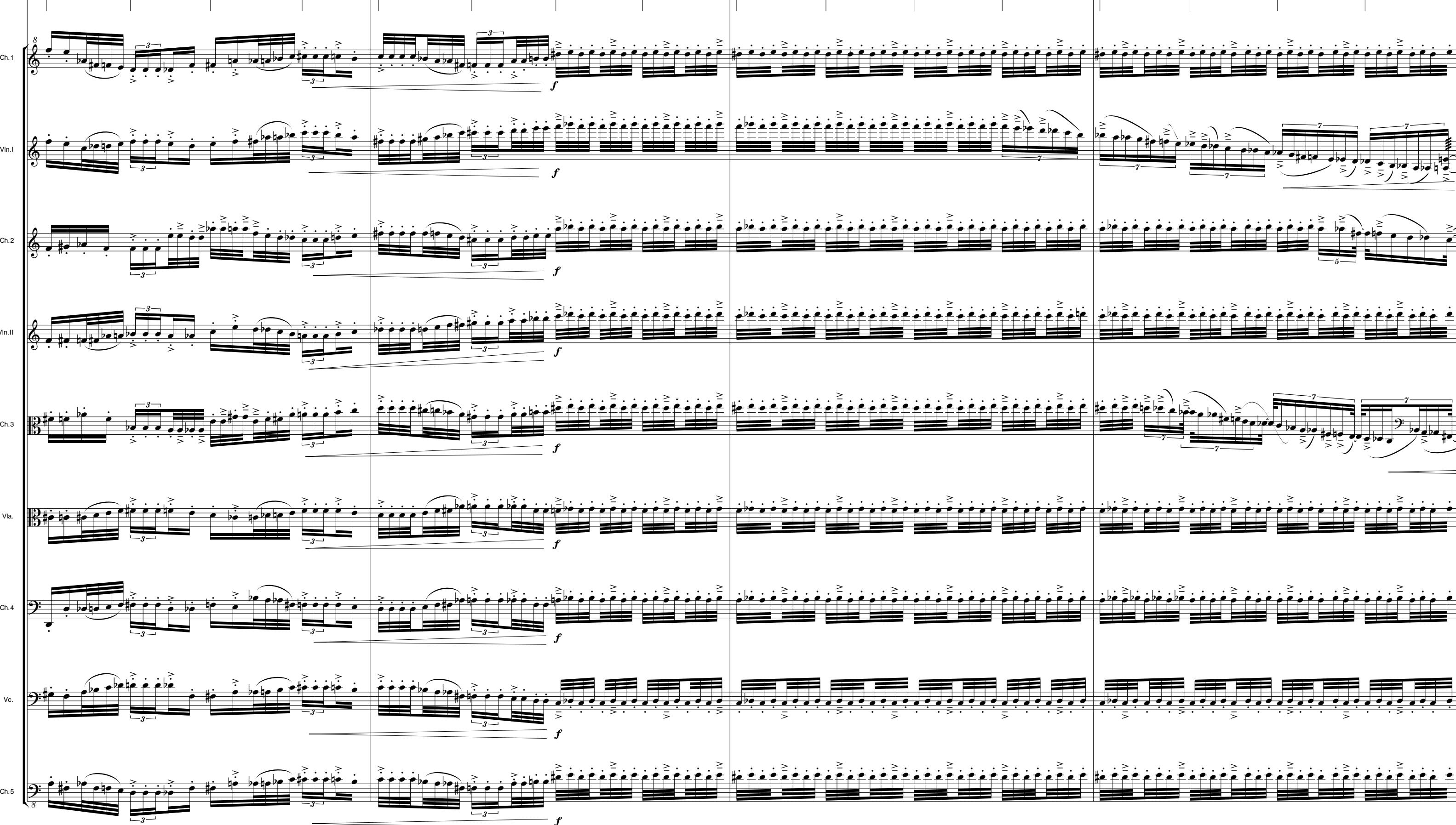
Vln.II Vln.II


Ch.3 Ch.3


Vla. Vla.


Ch.4 Ch.4


Vc. Vc.


Ch.5 Ch.5


Y

Z

133

BEAT

Ch.1

Vln.I

ff

Ch.2

5

ff

Vln.II

Ch.3

7

ff

Vla.

7

ff

Ch.4

7

7

7

ff

Vc.

Ch.5

8

5

5

5

ff

