

Cover by Seah Huan Yuh

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# SIMPLE - X

*Robert Casteels*

**Concertante for eight violins, four violas, four cellos, two contrabasses,  
one grand piano (or harp), three iPads and electro-acoustic sounds**

Commissioned by The Chamber Players

## Full score

With an appendix on page 52 that is the graphic representation of the electro-acoustic sounds.

## Programme notes

To celebrate the 10th anniversary of The Chamber Players, Robert Casteels and Seah Huan Yuh collaborated to create a new composition entitled *Simple-X*. The title combines an attempt at capturing the straightforward quality of joy with the complexity of all that such a feeling contains, expressed through multiple musical layers. Casteels conceived the formal structure, composed the acoustic music and played the piano part during the premiere. Seah designed the cover and graphics of the score, created the electro-acoustic music and played them during the premiere. The premiere took place on 19-IX-2010 in the Conservatory Concert Hall of the Yong Siew Toh Conservatory of Music, National University of Singapore.

The piece builds up in ten steps to reach a joyous conclusion. In accordance with the true spirit of chamber music without a conductor, the 18 string players, the pianist and electro-soundman play an equally important role, whilst each interacting musically with the rest of the players. Musicians engage in a series of interplays that require them to use iPads to trigger off additional sounds or that require them to assume a variety of stage positions to form smaller units of independent chamber music playing. Sounds from the iPad apps are used as core sounds for the electro-acoustic music.

## Performance notes

- Duration: 12' to 14' (depending on the length of the interplays)
- *Simple-X* is to be performed without conductor. Hence, this full score is only for reference during rehearsals.
- The numbering of the parts only serves a practical purpose, as all parts are equally important. Players must observe their independent dynamics and play their rhythms with accuracy by clearly differentiating triplets from ♩, quintuplets and sextuplets.
- Tempo: except when marked *suspended tempo*, the tempo until 1 bar before rehearsal number 14 remains at  $\text{♩} = 100$ . The tempo increases to  $\text{♩} = 120$  @ rehearsal number 14. The last three bars take off at  $\text{♩} = 144$ .

At many rehearsal numbers, the pianist or harpist dictates the tempo by playing a short and lively melody with a characteristic rhythm. Double bar lines indicate a tempo change.

- Position:

Strings players stand with the exception of cellists. Players are positioned quincuncially and as far as possible from each other as follows:

feedback speakers		cello 1		cello 2		cello 3		cello 4		feedback speakers
	viola 2		violin 3		violin 2		violin 1		viola 1	
feedback speakers		violin 4		contrabass 1		contrabass 2		violin 8		feedback speakers
	viola 3		violin 5		violin 6		violin 7		viola 4	
main speakers			grand piano (or harp)			mixing desk for the electro-acoustic sounds				main speakers
	iPad 1				iPad 2				iPad 3	
AUDIENCE										

- Interplay:

*Simple-X* includes six interplays. The duration of each interplay is left at the discretion of the ‘actor’. Once an ‘actor’ has been called, ‘initiators’ are not allowed to call him/her again.

Interplay	Initiator	Actor	Reactor
1	Pianist or harpist @ rehearsal number 1	1 violist on left iPad @ 2 bars before rehearsal number 2	3 other violists @ 2 bars before rehearsal number 2
		<ul style="list-style-type: none"> <li>• Pianist plays pitch <math>b\flat</math> once, twice, thrice or four times. If the violists hear pitch <math>b\flat</math> once, viola 1 should proceed to the iPad, once players start playing 3<sup>rd</sup> bar of rehearsal number 1. If the violists hear pitch <math>b\flat</math> twice, then viola 2 should proceed to the iPad. If the violists hear pitch <math>b\flat</math> thrice, then viola 3 should proceed to the iPad. If violists hear pitch <math>b\flat</math> four times, then viola 4 should proceed to the iPad.</li> <li>• @ 2 bars before rehearsal number 2, the violists who are not playing the iPad, respond <i>dolce flautando</i> to the iPad sounds they hear.</li> </ul>	
2	Pianist or harpist @ rehearsal number 2	2 violinists on left and right iPad @ 2 bars before rehearsal number 3	6 other violinists @ 2 bars before rehearsal number 3
		<ul style="list-style-type: none"> <li>• If violinists hear pitch f once, then violin 1 proceeds to iPad once players start playing 2<sup>nd</sup> bar of rehearsal number 2. If violinists hear pitch f twice, then violin 2 proceeds to iPad. <i>Simile</i> until hearing pitch f 8 times will be signal for violin 8.</li> <li>• @ 2 bars before rehearsal number 3, the violinists who are not playing the iPad, respond <i>dolce flautando</i> to the iPad sounds they hear.</li> </ul>	
3	Pianist or harpist @ rehearsal number 3	2 players out of the violin and viola sections on left and right iPad @ 2 bars before rehearsal number 4	Cellists and bassists @ 2 bars before rehearsal number 4
		<ul style="list-style-type: none"> <li>• Same as per interplay 1 and 2.</li> <li>• @ 2 bars before rehearsal number 4, the cellists and bassists respond in <i>pizzicato</i> to the iPad sounds they hear.</li> </ul>	
4	Pianist or harpist @ 2 <sup>nd</sup> bar of rehearsal number 11	3 players out of the violin and viola sections on three iPads @ 4 bars before rehearsal number 13	Pianist @ 4 bars before rehearsal number 13
		<ul style="list-style-type: none"> <li>• Violinists: same as interplay 1 except that the pitch played by the pianist is d<math>\sharp</math>.</li> <li>• Violists: same as interplay 2 except that the pitch played by the pianist is g<math>\sharp</math>.</li> <li>• @ 2nd bar of rehearsal number 12, the pianist responds to the iPad sounds.</li> </ul>	
5	-	All violinists and violists after rehearsal number 14	-

Interplay	Initiator	Actor	Reactor
<p>When reading the word 'interplay 5', each violinist and violist gets up, meanders on stage or through the audience, whilst playing the part from memory. Possible tempo fluctuations are allowed. All players are welcome to include extemporized snippets of the <b>H</b> melody. At the end of this process, all players freeze for the G.P.</p>			
6.1	-	All cellists and bassists in <i>pizzicato</i> @ rehearsal number 15	All violinists and violists
<ul style="list-style-type: none"> <li>• All violinists listen to the celli playing <i>pizzicato</i>. Ex.: if cello 1 plays one <i>pizzicato</i>, violin 1 proceeds towards cello 1. If cello 1 plays two <i>pizzicati</i>, then it is violin 2 who proceeds to cello 1. Etc....</li> <li>• All violists listen to the bassists playing <i>pizzicato</i>. Ex.: if bass 2 plays three <i>pizzicati</i>, then viola 3 proceeds to bass 3. Etc...</li> <li>• The <i>pizzicato</i> calling order in fast succession is: cello 1, cello 2, cello 3, cello 4, bass 1 and bass 2.</li> <li>• If a player has already been called, then the cellist or bassist must make another call.</li> </ul>			
6.2	-	All cellists and bassists in <i>arco</i> @ rehearsal number 16	All violinists and violists
<ul style="list-style-type: none"> <li>• Same as per interplay 6.1 playing <i>arco</i>. Cellists must call any remaining violinists. Bassists must call any remaining violists.</li> <li>• Violinists and violists recognize their signal as per interplay 6.1.</li> <li>• The <i>arco</i> calling order is: bass 2, bass 1, cello 4, cello 3, cello 2 and cello 1.</li> </ul>			
6.3	-	All cellists and bassists in <i>arco</i> @ rehearsal number 17	All violinists and violists
<ul style="list-style-type: none"> <li>• As a result of the swift movement in interplay 6.2 and 6.3, there are now 6 trios on stage: 4 trios consisting each of 1 cellist + 2 violinists and 2 trios consisting each of 1 bassist + 2 violists.</li> <li>• Each cellist and bassist leads his/her respective trio in the <i>pizzicato accelerando</i>. Each violinist and violist follows his/her leader.</li> </ul>			
6.4	-	All cellists and bassists @ rehearsal number 18	All violinists and violists
<p>Each violinists and violists repeats <i>arco furioso</i> the first bar of rehearsal number 18 at the fast tempo set by its leader, until the leader holds a pedal note. The pianist waits for the last leader. At the second bar of rehearsal number 19, all players hold the fermata, whilst waiting for the rhythm of the melody in the electro-acoustic sounds.</p>			

- Ambulation:

*Simple-X* includes three ambulations:

1	@ the very beginning	<i>ad libitum</i> as performer may opt to start with rehearsal number 1	All string players proceed onto the stage in order as the score
2	from the 3 <sup>rd</sup> bar of rehearsal number 14 onwards	<i>obbligato</i>	All violinists and violists start to meander one by one as indicated in their part, whilst playing their part from memory and freezing upon completion @ 1 bar before rehearsal number 15.
3	@ rehearsal number 15	<i>obbligato</i>	In order as the score, cellists call violinists 1 to 4, bassists call viola 1 and 2
3	@ rehearsal number 16	<i>obbligato</i>	In order as the score, bassists call viola 3 and 4, cellists call violinists 5 to 8

#### The electro-acoustic music

- Seah derived the electro-acoustic music from the original sounds generated by the 3 iPad apps used during the course of performance. As these apps are random generalizations, Seah sculpted them using different audio programs including *GRMTools*, *Soundhack*, *AudioSculpt* and various plug-ins via *Digidesign's ProTools*. After conceptualizing the structure of the piece, Casteels and Seah decided where the electro-acoustic sounds would come into play. Each of the sounds was given a certain imagery to place them at the specific place in the overall structure. This helps to distinguish where and what the musicians are responding to 'live' on stage.
- Rental parts include a CD with 5 pre-recorded tracks:

Electro-acoustic tracks	Location in the score	name	duration	primary iPad app source
1	From rehearsal number 4 to 6	"Genesis"	1'04"	Soundrop
2	From rehearsal number 8 to 10	"Bloom and Gloom"	1'49"	Bloom
3	@ Rehearsal number 13	"Playmorphosis"	53"	Soundprism
4	@ Rehearsal number 14	"Ascension"	2'26"	Combinatory
5	@ Rehearsal number 19	"Final 43"	43"	Combinatory

- The duration of each electro-acoustic track will depend on concert situations, but it will be safer to have a fixed duration during rehearsals for the musicians to get accustomed to the start and end of the sounds.
- Sounds from the iPads are to be mixed into the mixing board.
- The 3 mono input sources, together with the electro-acoustic sound (from laptop) are to be channeled into the main house speakers and also the feedback speakers for the musicians.
- The mixer should be the ultimate control or gate for the sound produced by the musicians.
- The set of parts comes with the cd comprising the five electro-acoustic tracks.
- The set of parts comprises a reduction score for the electro-acoustician.
- Page 52, the appendix contains the graphic representation of the electro-acoustic sounds.

*Simple-X*

*Concertante for eight violins, four violas, four cellos, two contrabasses,  
grand piano or harp, three iPads and electro-acoustic sounds*

RobertCasteels©2010  
for the composition  
SeanHuanYuh©2010  
for the electronics

Suspended tempo

Piano or Harp

Violin I

Violin II

Violin III

Violin IV

Violin V

Violin VI

Violin VII

Violin VIII

Viola 1

Viola 2

Viola 3

Viola 4

Violoncello 1

Violoncello 2

Violoncello 3

Violoncello 4

Contrabass 1

Contrabass 2

**Ambulation 1: enter first in performance venue whilst playing pizz. any pitch b > in free rhythm and dynamic, meander and slowly proceed to playing position on stage**

**Ambulation 1: enter first in performance venue whilst playing pizz. any pitch b > in free rhythm and dynamic, meander and slowly proceed to playing position on stage**

**Ambulation 1: enter first in performance venue whilst playing pizz. any pitch b > in free rhythm and dynamic, meander and slowly proceed to playing position on stage**

**Ambulation 1: enter first in performance venue whilst playing pizz. any pitch b > in free rhythm and dynamic, meander and slowly proceed to playing position on stage**

**Ambulation 1: enter first in performance venue whilst playing pizz. any pitch b > in free rhythm and dynamic, meander and slowly proceed to playing position on stage**

**Ambulation 1: enter first in performance venue whilst playing pizz. any pitch b > in free rhythm and dynamic, meander and slowly proceed to playing position on stage**

**Ambulation 1: enter first in performance venue whilst playing pizz. any pitch b > in free rhythm and dynamic, meander and slowly proceed to playing position on stage**

**Ambulation 1: enter after vln 8 in performance venue whilst playing pizz. any pitch b flat in free rhythm and dynamic, meander and slowly proceed to playing position on stage**

**Ambulation 1: enter after vla 1 in performance venue whilst playing pizz. any any pitch f in free rhythm and dynamic, meander and slowly proceed to playing position on stage**

**Ambulation 1: enter after vla 2 in performance venue whilst playing pizz. any any pitch f in free rhythm and dynamic, meander and slowly proceed to playing position on stage**

**Ambulation 1: enter after vla 3 in performance venue whilst playing pizz. any any pitch f in free rhythm and dynamic, meander and slowly proceed to playing position on stage**

**Ambulation 1: enter after vla 4 in performance venue whilst playing pizz. any pitch f in free rhythm and dynamic, meander and slowly proceed to playing position on stage**

**Ambulation 1: enter after vlc 1 in performance venue whilst playing pizz. any pitch d in free rhythm and dynamic, meander and slowly proceed to playing position on stage**

**Ambulation 1: enter after vlc 2 in performance venue whilst playing pizz. any pitch d in free rhythm and dynamic, meander and slowly proceed to playing position on stage**

**Ambulation 1: enter after vlc 3 in performance venue whilst playing pizz. any pitch d in free rhythm and dynamic, meander and slowly proceed to playing position on stage**

**Ambulation 1: enter after vlc 4 in performance venue whilst playing pizz. any pitch b flat in free rhythm and dynamic, meander and slowly proceed to playing position on stage**

**Ambulation 1: enter after cb 1 in performance venue whilst playing pizz. any pitch b flat in free rhythm and dynamic, meander and slowly proceed to playing position on stage**

**1**

When Cb 2 has reached its position on stage,  
call 1 viola for interplay 1  
by playing ONE only of these four boxes

Pno.  
Hrp.

Same sostenuto pedal until 2 bars before 2

Vln. I

Vln. II

Vln. III

Vln. IV

Vln. V

Vln. VI

Vln. VII

Vln. VIII

If you hear pianist or harpist play once pitch b flat, after 2nd bar of reh. nmbr. 1 is played, proceed during the next 24" to one of the left iPad station/ If not, stay and play your written part

Vla. 1

If you hear pianist or harpist play twice pitch b flat, after 2nd bar of reh. nmbr. 1 is played, proceed during the next 24" to one of the left iPad station/ If not, stay and play your written part

Vla. 2

If you hear pianist or harpist play thrice pitch b flat, after 2nd bar of reh. nmbr. 1 is played, proceed during the next 24" to one of the left iPad station/ If not, stay and play your written part

Vla. 3

If you hear pianist or harpist play 4x pitch b flat, after 2nd bar of reh. nmbr. 1 is played, proceed during the next 24" to one of the left iPad station/ If not, stay and play your written part

Vla. 4

Vc. 1

Vc. 2

Vc. 3

Vc. 4

Cb. 1

Cb. 2

rit.

8<sup>va</sup>

**Alert ♩ = 100**

H (with a silent metronome to establish and maintain strictly the tempo)

Pno. Hrp.

Vln. I Listen to the piano setting the tempo arco con sord. > pp

Vln. II Listen to the piano setting the tempo arco con sord. > pp arco con sord.

Vln. III Listen to the piano setting the tempo pp arco con sord.

Vln. IV Listen to the piano setting the tempo pp arco con sord. >

Vln. V Listen to the piano setting the tempo pp arco con sord. >

Vln. VI Listen to the piano setting the tempo pp arco con sord. >

Vln. VII Listen to the piano setting the tempo

Vln. VIII Listen to the piano setting the tempo

Vla. 1 Listen to the piano setting the tempo, except if you are the next interplay player arco sul pont. mp (= louder than non pont. sounds)

Vla. 2 Listen to the piano setting the tempo, except if you are the next interplay player arco sul pont. mp (= louder than non pont. sounds)

Vla. 3 Listen to the piano setting the tempo, except if you are the next interplay player arco con sord. >

Vla. 4 Listen to the piano setting the tempo, except if you are the next interplay player arco con sord. pp

Vc. 1 Listen to the piano setting the tempo arco con sord. pp

Vc. 2 Listen to the piano setting the tempo arco con sord. pp > V3 V

Vc. 3 Listen to the piano setting the tempo arco con sord. pp > V3 V

Vc. 4 Listen to the piano setting the tempo arco con sord. pp > 3 5 6 5

Cb. 1 Listen to the piano setting the tempo arco con sord. pp > 3 5 6 5

Cb. 2 Listen to the piano setting the tempo arco con sord. pp > 3 5 6

Musical score for orchestra and piano/harp. The score consists of two systems of music. The first system starts with a dynamic of  $\text{f}$  and includes parts for Pno., Hrp., Vln. I, Vln. II, Vln. III, Vln. IV, Vln. V, Vln. VI, Vln. VII (with dynamics  $\text{pp}$  and "arco con sord."), Vln. VIII (with dynamics  $\text{pp}$  and "arco con sord."), Vla. 1, Vla. 2, Vla. 3, Vla. 4, Vc. 1, Vc. 2, Vc. 3, Vc. 4, Cb. 1, and Cb. 2. The second system begins with a dynamic of  $\text{p}$ .

**Suspended tempo**

**Interplay 1 "bloom": 2 violist on 1 iPad**

Pno. Hrp.

**2** Call 2 violins for interplay 2 by playing distinctly and separately TWO only of these eight boxes

Piano: same sostenuto pedal until 2 bars before 3

**A tempo giocoso**

Vln. I If you hear pianist or harpist play once pitch f, after 2nd bar of reh. nmr. 2 is played, ▲ proceed during the next 24" to one of the right iPad station/ If not, stay and play your written part

Vln. II If you hear pianist or harpist play twice pitch f, after 2nd bar of reh. nmr. 2 is played, ▲ proceed during the next 24" to one of the right iPad station/ If not, stay and play your written part

Vln. III If you hear pianist or harpist play 3 times pitch f, after 2nd bar of reh. nmr. 2 is played, ▲ proceed during the next 24" to one of the right iPad station/ If not, stay and play your written part

Vln. IV If you hear pianist or harpist play 4 times pitch f, after 2nd bar of reh. nmr. 2 is played, ▲ proceed during the next 24" to one of the right iPad station/ If not, stay and play your written part

Vln. V If you hear pianist or harpist play 5 times pitch f, after 2nd bar of reh. nmr. 2 is played, ▲ proceed during the next 24" to one of the right iPad station/ If not, stay and play your written part

Vln. VI If you hear pianist or harpist play 6 times pitch f, after 2nd bar of reh. nmr. 2 is played, ▲ proceed during the next 24" to one of the right iPad station/ If not, stay and play your written part

Vln. VII If you hear pianist or harpist play 7 times pitch f, after 2nd bar of reh. nmr. 2 is played, ▲ proceed during the next 24" to one of the right iPad station/ If not, stay and play your written part

Vln. VIII If you hear pianist or harpist play 8 times pitch f, after 2nd bar of reh. nmr. 2 is played, ▲ proceed during the next 24" to one of the right iPad station/ If not, stay and play your written part

Vla. 1 normal  
sul A sul A

Vla. 2 normal  
sul D sul A

Vla. 3 normal  
sul D sul A

Vla. 4 normal  
sul C sul C

Vc. 1

Vc. 2

Vc. 3

Vc. 4

Cb. 1

Cb. 2

Upon completion of interplay 1, player returns during the 26" of rehearsal number 2 and resumes playing the written part at reh. nmr. 3/  
Violist who did not play interplay 1 responds to the iPad sounds by repeating freely **p dolcissime espressivo** the sounds indicated in the box 2 bars before reh. nmr. 2

Upon completion of interplay 1, player returns during the 26" of rehearsal number 2 and resumes playing the written part at reh. nmr. 3/  
Violist who did not play interplay 1 responds to the iPad sounds by repeating freely **p dolcissime espressivo** the sounds indicated in the box 2 bars before reh. nmr. 2

Upon completion of interplay 1, player returns during the 26" of rehearsal number 2 and resumes playing the written part at reh. nmr. 3/  
Violist who did not play interplay 1 responds to the iPad sounds by repeating freely **p dolcissime espressivo** the sounds indicated in the box 2 bars before reh. nmr. 2

Upon completion of interplay 1, player returns during the 26" of rehearsal number 2 and resumes playing the written part at reh. nmr. 3/  
Violist who did not play interplay 1 responds to the iPad sounds by repeating freely **p dolcissime espressivo** the sounds indicated in the box 2 bars before reh. nmr. 2

Vln. I

Vln. II

Vln. III

Vln. IV

Vln. V

Vln. VI

Vln. VII

Vln. VIII

Vla. 1     *con sord.*  
              *ppp*

Vla. 2     *con sord.*  
              *ppp*

Vla. 3     *ppp*

Vla. 4     *ppp*

Vc. 1     *ppp*

Vc. 2     *v*  
              *ppp*

Vc. 3     *ppp*

Vc. 4     *v*  
              *ppp*

(with 2 cb)

Pno. Hrp.

Vln. I Vln. II Vln. III Vln. IV Vln. V Vln. VI Vln. VII Vln. VIII

Vla. 1 Vla. 2 Vla. 3 Vla. 4

Vc. 1 Vc. 2 Vc. 3 Vc. 4

Cb. 1 Cb. 2

14

**Interplay 2 "bloom": 2 violinists on 2 iPads**

Pno.  
Hrp.

Vln. I

Vln. II

Vln. III

Vln. IV

Vln. V

Vln. VI

Vln. VII

Vln. VIII

Vla. 1

Vla. 2

Vla. 3

Vla. 4

Vc. 1

Vc. 2

Vc. 3

Vc. 4

Cb. 1

Cb. 2

Upon completion of interplay 2, return during the 26" of rehearsal number 2 and resume playing your written part at reh. nmbr. 4/  
If you do not play interplay 2, during interplay 2, respond to the iPad sounds by playing *dolce flautando*  
some of the sounds in the box 2 bars before reh. nmbr. 3, in any order and duration

via sord.

Upon completion of interplay 2, return during the 26" of rehearsal number 2 and resume playing your written part at reh. nmbr. 4/  
If you do not play interplay 2, during interplay 2, respond to the iPad sounds by playing *dolce flautando*  
some of the sounds in the box 2 bars before reh. nmbr. 3, in any order and duration

via sord.

Upon completion of interplay 2, return during the 26" of rehearsal number 2 and resume playing your written part at reh. nmbr. 4/  
If you do not play interplay 2, during interplay 2, respond to the iPad sounds by playing *dolce flautando*  
some of the sounds in the box 2 bars before reh. nmbr. 3, in any order and duration

via sord.

Upon completion of interplay 2, return during the 26" of rehearsal number 2 and resume playing your written part at reh. nmbr. 4/  
If you do not play interplay 2, during interplay 2, respond to the iPad sounds by playing *dolce flautando*  
some of the sounds in the box 2 bars before reh. nmbr. 3, in any order and duration

via sord.

Upon completion of interplay 2, return during the 26" of rehearsal number 2 and resume playing your written part at reh. nmbr. 4/  
If you do not play interplay 2, during interplay 2, respond to the iPad sounds by playing *dolce flautando*  
some of the sounds in the box 2 bars before reh. nmbr. 3, in any order and duration

via sord.

Upon completion of interplay 2, return during the 26" of rehearsal number 2 and resume playing your written part at reh. nmbr. 4/  
If you do not play interplay 2, during interplay 2, respond to the iPad sounds by playing *dolce flautando*  
some of the sounds in the box 2 bars before reh. nmbr. 3, in any order and duration

via sord.

Upon completion of interplay 2, return during the 26" of rehearsal number 2 and resume playing your written part at reh. nmbr. 4/  
If you do not play interplay 2, during interplay 2, respond to the iPad sounds by playing *dolce flautando*  
some of the sounds in the box 2 bars before reh. nmbr. 3, in any order and duration

via sord.

Upon completion of interplay 2, return during the 26" of rehearsal number 2 and resume playing your written part at reh. nmbr. 4/  
If you do not play interplay 2, during interplay 2, respond to the iPad sounds by playing *dolce flautando*  
some of the sounds in the box 2 bars before reh. nmbr. 3, in any order and duration

via sord.

Upon completion of interplay 2, return during the 26" of rehearsal number 2 and resume playing your written part at reh. nmbr. 4/  
If you do not play interplay 2, during interplay 2, respond to the iPad sounds by playing *dolce flautando*  
some of the sounds in the box 2 bars before reh. nmbr. 3, in any order and duration

via sord.

Upon completion of interplay 2, return during the 26" of rehearsal number 2 and resume playing your written part at reh. nmbr. 4/  
If you do not play interplay 2, during interplay 2, respond to the iPad sounds by playing *dolce flautando*  
some of the sounds in the box 2 bars before reh. nmbr. 3, in any order and duration

via sord.

Upon completion of interplay 2, return during the 26" of rehearsal number 2 and resume playing your written part at reh. nmbr. 4/  
If you do not play interplay 2, during interplay 2, respond to the iPad sounds by playing *dolce flautando*  
some of the sounds in the box 2 bars before reh. nmbr. 3, in any order and duration

via sord.

3

## Suspended tempo

Call 1 violin and 1 viola for interplay 3  
by playing ONE F box and ONE B♭ box,  
excluding those boxes already played for previous interplays

Pno.  
Hrp.

*p*

Same sostenuto pedal until 2 bars before 4

If you hear pianist or harpist play once pitch f, after 2nd bar of reh. nmbr. 3 is played, proceed during the next 24" to one of the iPad stations/ If not, stay and play your written part

Vln. I

If you hear pianist or harpist play twice pitch f, after 2nd bar of reh. nmbr. 3 is played, proceed during the next 24" to one of the iPad stations/ If not, stay and play your written part

Vln. II

If you hear pianist or harpist play thrice pitch f, after 2nd bar of reh. nmbr. 3 is played, proceed during the next 24" to one of the iPad stations/ If not, stay and play your written part

Vln. III

If you hear pianist or harpist play 4x pitch f, after 2nd bar of reh. nmbr. 3 is played, proceed during the next 24" to one of the iPad stations/ If not, stay and play your written part

Vln. IV

If you hear pianist or harpist play 5x pitch f, after 2nd bar of reh. nmbr. 3 is played, proceed during the next 24" to one of the iPad stations/ If not, stay and play your written part

Vln. V

If you hear pianist or harpist play 6x pitch f, after 2nd bar of reh. nmbr. 3 is played, proceed during the next 24" to one of the iPad stations/ If not, stay and play your written part

Vln. VI

If you hear pianist or harpist play 7x pitch f, after 2nd bar of reh. nmbr. 3 is played, proceed during the next 24" to one of the iPad stations/ If not, stay and play your written part

Vln. VII

If you hear pianist or harpist play 8x pitch f, after 2nd bar of reh. nmbr. 3 is played, proceed during the next 24" to one of the iPad stations/ If not, stay and play your written part

Vln. VIII

via sord.

If you hear pianist or harpist play once pitch b♭, after 2nd bar of reh. nmbr. 3 is played, proceed during the next 24" to one of the iPad stations/ If not, stay and play your written part

Vla. 1

via sord.

If you hear pianist or harpist play twice pitch b♭, after 2nd bar of reh. nmbr. 3 is played, proceed during the next 24" to one of the iPad stations/ If not, stay and play your written part

Vla. 2

via sord.

If you hear pianist or harpist play thrice pitch b♭, after 2nd bar of reh. nmbr. 3 is played, proceed during the next 24" to one of the iPad stations/ If not, stay and play your written part

Vla. 3

via sord.

If you hear pianist or harpist play 4x pitch b♭, after 2nd bar of reh. nmbr. 3 is played, proceed during the next 24" to one of the iPad stations/ If not, stay and play your written part

Vla. 4

A tempo giocoso

*mf*



11111111

Pno. Hrp. { 8

Vln. I 5 5 5 5 3

Vln. II 5 5 5 5 3

Vln. III 5 5 5 5 3

Vln. IV 5 5 5 5 3

Vln. V 5 5 5 5 3

Vln. VI 5 5 5 5 3

Vln. VII 5 5 5 5 3

Vln. VIII 5 5 5 5 3

Vla. 1 5 5 5 5 3

Vla. 2 5 5 5 5 3

Vla. 3 5 5 5 5 3

Vla. 4 5 5 5 5 3

Vc. 1 □ V

Vc. 2 3 5 5 5 5 3

Vc. 3 3 5 5 5 5 3

Vc. 4 □ V

Cb. 1 pp 5 5 5 5 3

Cb. 2 pp 5 5 5 5 3

18



(with vlc 2 and 3)

Pno. Hrp.

Vln. I *p* 3 5 5 5 5 6 6 6 6

Vln. II *p* 3 5 5 5 5 6 6 6 6

Vln. III *p* 3 5 5 5 5 6 6 6 6

Vln. IV *p* 3 5 5 5 5 6 6 6 6

Vln. V *p* 3 5 5 5 5 5 5 5 5

Vln. VI *p* 3 5 5 5 5 5 5 5 5

Vln. VII *p* 3 5 5 5 5 5 5 5 5

Vln. VIII *p* 3 5

Vla. 1 *p* 3 ff

Vla. 2 *p* 3 ff

Vla. 3 *p* 3 ff

Vla. 4 *p* 3 ff

Vc. 1 arco normal *p* 3

Vc. 2 arco sul pont. *v* *mf* (= louder than non pont. sounds)

Vc. 3 arco sul pont. *v* *mf* (= louder than non pont. sounds)

Vc. 4 arco normal *p* 3 arco

Cb. 1 *p* arco 3

Cb. 2 *p* arco 3

Sheet music for a full orchestra, featuring parts for Vln. I, Vln. II, Vln. III, Vln. IV, Vln. V, Vln. VI, Vln. VII, Vln. VIII, Vla. 1, Vla. 2, Vla. 3, Vla. 4, Vc. 1, Vc. 2, Vc. 3, Vc. 4, Cb. 1, and Cb. 2. The music consists of two systems of staves, each with eight measures. Measure numbers 1 through 8 are indicated above the staves. Dynamics such as *ff* (fortissimo) and *p* (pianissimo) are used. Measure 8 includes a repeat sign and a key signature change.

**5** H Piano: after the left hand chord, hold the same sostenuto pedal until rehearsal number 7

(piano only,  
not harp)

Pno. Hrp. f

Vln. I p = 5 times this bar (with vln 4, 8 + 2 cb) 2 3 4 5

Vln. II p = 5 times this bar 2 3 4 5

Vln. III p = 5 times this bar 2 3 4 5

Vln. IV p sul pont. mf (= louder than non pont. sounds) 2 3

Vln. V p = 3 times this bar 2 3

Vln. VI p = 3 times this bar 2 3

Vln. VII p sul pont. 2 3 4 5

Vln. VIII p = 5 times this bar mf (= louder than non pont. sounds) 2 3 4 5

Vla. 1 p = 5 times this bar 2 3 4 5

Vla. 2 p = 3 times this bar 2 3

Vla. 3 p = 3 times this bar 2 3

Vla. 4 p = 3 times this bar 2 3 4 5 6

Vc. 1 p Sul G 2 3 4 5 6

Vc. 2 p Sul G 2 3 4 5 6

Vc. 3 p normal 2 3 4 5 6

Vc. 4 p Sul G 2 3 4 5 6

Cb. 1 >p 2 3 4 5 6

Cb. 2 p 2 3 4 5 6



7

Pno.  
Hrp.

(piano only,  
not harp)

*f* Ped. Piano: after right hand chord, same pedal until rehearsal number 20

(with vln 3)

(with vlc 2 and 3)

(with vln 1)

sul pont. *mf* (= louder than non pont. sounds)

Vln. I

*f*

Vln. II

*f*

Vln. III

*f* = 10 times this bar

Vln. IV

*f* *p* = 5 times this bar

Vln. V

*f* *p*

Vln. VI

*f*

Vln. VII

*f*

Vln. VIII

*f*

Vla. 1

*f*

= 10 times this bar  
1 3 1 3 1

Vla. 2

*f* *p* 5

= 10 times this bar  
5 5 5 5

Vla. 3

*f* *p*

= 10 times this bar  
5 5 5 5

Vla. 4

*f*

= 10 times this bar  
6 6 6 6

Vc. 1

*f* *p*

= 9 times this bar  
5 5 5 5

Vc. 2

*f*

Vc. 3

*f*

Vc. 4

Cb. 1

*f*

*p* 2 1 2 1

Cb. 2

*f* 1 2 1 2

*p*

= 7 times this bar  
5 5 5

Pno.  
Hrp.

Vln. I  
(with vln 5/ front row centre left)

Vln. II

Vln. III

Vln. IV

Vln. V

Vln. VI

Vln. VII

Vln. VIII  
= 6 times this bar

Vla. 1

Vla. 2

Vla. 3

Vla. 4  
= 6 times this bar

Vc. 1

Vc. 2

Vc. 3

Vc. 4  
= 6 times this bar

Cb. 1

Cb. 2

**8**

Pno.  
Hrp.

H + Electro TRACK TWO [109"]

Vln. I

Vln. II

Vln. III

Vln. IV

Vln. V

Vln. VI

Vln. VII

Vln. VIII

Vla. 1

Vla. 2

Vla. 3

Vla. 4

Vc. 1

Vc. 2

Vc. 3

Vc. 4

Cb. 1

Cb. 2

(with vln 7)

(with vln 5)

f

= 9 times this bar

normal

= 8 times this bar

2

3

= 7 times this bar

normal

sul pont.

= 8 times this bar

2

sul pont.

= 4 times this bar

mf (= louder than non pont. sounds)

2

3

4

= 10 times this bar

3 2 3 3 2 3

6

2

3

4

= 10 times this bar

2

3

4

= 7 times this bar

5

2

3

= 5 times this bar

2

3

4

= 10 times this bar

2

3

4

#

#

#

#

Pno.  
Hrp.

(H with vln 8 row 2 right)

Vln. I      4      5      6      7      8      9

Vln. II      3      4      5      6      7      8

Vln. III      2      3      4      5      6      7

Vln. IV      = 6 times this bar      2      3      4      5      6

Vln. V      3      4      5      6      7      8

Vln. VI      3      4      5      6      7      8

Vln. VII      3      4      5      6      7      8

Vln. VIII      5      ff      6      7      8      9      10

Vla. 1      = 6 times this bar      2      3      4      5      6

Vla. 2      3      2      3      2      5      6

Vla. 3      3      2      3      2      5      6

Vla. 4      6      5      6      7      8      9      10

Vc. 1      = 6 times this bar      2      3      4      5      6

Vc. 2      2      3      4      5      6      7

Vc. 3      4      5      ff      6      7      8      9      10

Vc. 4      5      6      7      8      9      10

Cb. 1      3      4      5      6      7      8      9      10

Cb. 2      3      4      5      6      7      8      9      10

9

Pno. Hrp.

(H with vln 7 front row right)

Vln. I = 13 times this bar

Vln. II = 12 times this bar

Vln. III = 10 times this bar

Vln. IV

Vln. V

Vln. VI

Vln. VII ff

Vln. VIII

Vla. 1

Vla. 2 3 2 3 3 5 5 5

Vla. 3

Vla. 4

Vc. 1

Vc. 2

N Vc. 3

Vc. 4

Cb. 1 3 5 6 1 5 3

Cb. 2 3 5 6 1 5 3

Pno.  
Hrp.

(with vla 3)

(with vln 4)

(H with cb 1 row 2 centre left)  
(non arpeggiando)

**pp**

Vln. I

5 6 7 8 9 10

Vln. II

4 5 6 7 8 9

Vln. III

2 3 4 5 6 7

Vln. IV

= 9 times this bar  
normal

Vln. V

= 7 times this bar

Vln. VI

= 7 times this bar

Vln. VII

normal = 6 times this bar

Vln. VIII

= 5 times this bar

Vla. 1

= 4 times this bar  
2 3 3 3 3 2 6 6 6 6 6 6

Vla. 2

= 9 times this bar  
5 5 5 5

Vla. 3

sul pont.

**mf** (= louder than non pont. sounds)

Vla. 4

sul pont.

**mf** (= louder than non pont. sounds)

Cb. 1

pizz.

**ff**

Cb. 2

Pno. Hrp.

Vln. I 11 12 13

Vln. II 10 11 12

Vln. III 8 9 10

Vln. IV 7 8 9

Vln. V 5 6 7

Vln. VI 5 6 7

Vln. VII 4 5 6

Vln. VIII 3 4 5

Vla. 1 2 3 4

Vla. 2 7 8 9

Vla. 3

Vla. 4

Vc. 1 N (6) (6) (6) (6) = 14 times this bar 2

Vc. 2 (5) (5) (5) (5) (5) (5) (5) (5) = 13 times this bar

Vc. 3 (5) (5) (5) (5) (5) (5) (5) (5)

Vc. 4 (5) (5) (5) (5) (5) (5) (5) (5)

10 H  
f 3  
(H with vln 2 row 3 middle)

Pno.  
Hrp.

(H with vla 2 row 3 left)

Vln. III

Vln. V

Vln. VI

Vln. VII

Vln. VIII

Vla. 1

Vla. 2

Vla. 3

Vla. 4

Vc. 1

Vc. 2

Vc. 3

Vc. 4

Cb. 2

*ff*

*ff*

*pizz.*

*ff*

= 7 times this bar

= 8 times this bar

= 10 times this bar

= 11 times this bar

normal

= 9 times this bar

normal

*pizz.*

*ff*

*ff*

*pizz.*

*ff*

(with 2 cb)

Pno. Hrp.

Vln. I

Vln. II

Vln. III

Vln. IV

Vln. V

Vln. VI

Vln. VII

Vln. VIII

Vla. 1

Vla. 2

Vla. 3

Vla. 4

Vc. 1

Vc. 2

Vc. 3

Vc. 4

Cb. 1

Cb. 2

= 4 times this bar

= 5 times this bar

N

marco

arco

2 3 4 5 6 7 8

3 4 5 6 7 8

5 6 7 8 9 10 11

6 7 8 9 10 11 12

7 8 9 10 11 12 13

8 9 10 11 12 13 14

9 10 11 12 13 14

10 11 12 13 14

11 12 13 14

12 13 14

13 14

14

2 3 4 5 6 7 8

3 4 5 6 7 8

5 6 7 8 9 10 11

6 7 8 9 10 11 12

7 8 9 10 11 12 13

8 9 10 11 12 13 14

9 10 11 12 13 14

10 11 12 13 14

11 12 13 14

12 13 14

13 14

14

2 3 4 5 6 7 8

3 4 5 6 7 8

5 6 7 8 9 10 11

6 7 8 9 10 11 12

7 8 9 10 11 12 13

8 9 10 11 12 13 14

9 10 11 12 13 14

10 11 12 13 14

11 12 13 14

12 13 14

13 14

14

2 3 4 5 6 7 8

3 4 5 6 7 8

5 6 7 8 9 10 11

6 7 8 9 10 11 12

7 8 9 10 11 12 13

8 9 10 11 12 13 14

9 10 11 12 13 14

10 11 12 13 14

11 12 13 14

12 13 14

13 14

14

**11**      *accel.*

At the end of electro track 2, call 2 violins and 1 viola for interplay 4 by playing successively one E<sub>b</sub> box, one A<sub>b</sub> box and another E<sub>b</sub> box, excluding those boxes already played for previous interplays

Pno.  
Hrp.

Vln. I

If you hear pianist or harpist play once pitch d<sub>2</sub>, after 3rd bar of reh. nmbr. 11 is played, proceed during the next 24" to one of the iPad stations/ If not, stay and play your written part

Vln. II

If you hear pianist or harpist play twice pitch d<sub>2</sub>, after 3rd bar of reh. nmbr. 11 is played, proceed during the next 24" to one of the iPad stations/ If not, stay and play your written part

Vln. III

If you hear pianist or harpist play thrice pitch d<sub>2</sub>, after 3rd bar of reh. nmbr. 11 is played, proceed during the next 24" to one of the iPad stations/ If not, stay and play your written part

Vln. IV

If you hear pianist or harpist play 4 times pitch d<sub>2</sub>, after 3rd bar of reh. nmbr. 11 is played, proceed during the next 24" to one of the iPad stations/ If not, stay and play your written part

Vln. V

If you hear pianist or harpist play 5 times pitch d<sub>2</sub>, after 3rd bar of reh. nmbr. 11 is played, proceed during the next 24" to one of the iPad stations/ If not, stay and play your written part

Vln. VI

If you hear pianist or harpist play 6 times pitch d<sub>2</sub>, after 3rd bar of reh. nmbr. 11 is played, proceed during the next 24" to one of the iPad stations/ If not, stay and play your written part

Vln. VII

If you hear pianist or harpist play 7 times pitch d<sub>2</sub>, after 3rd bar of reh. nmbr. 11 is played, proceed during the next 24" to one of the iPad stations/ If not, stay and play your written part

Vln. VIII

If you hear pianist or harpist play 8 times pitch d<sub>2</sub>, after 3rd bar of reh. nmbr. 11 is played, proceed during the next 24" to one of the iPad stations/ If not, stay and play your written part

Vla. 1

If you hear pianist or harpist play once pitch g<sub>2</sub>, after 3rd bar of reh. nmbr. 11 is played, proceed during the next 24" to one of the iPad stations/ If not, stay and play your written part

Vla. 2

If you hear pianist or harpist play twice pitch g<sub>2</sub>, after 3rd bar of reh. nmbr. 11 is played, proceed during the next 24" to one of the iPad stations/ If not, stay and play your written part

Vla. 3

If you hear pianist or harpist play thrice pitch g<sub>2</sub>, after 3rd bar of reh. nmbr. 11 is played, proceed during the next 24" to one of the iPad stations/ If not, stay and play your written part

Vla. 4

If you hear pianist or harpist play 4 times pitch g<sub>2</sub>, after 3rd bar of reh. nmbr. 11 is played, proceed during the next 24" to one of the iPad stations/ If not, stay and play your written part

Vc. 1

A tempo

Vc. 2

Vc. 3

Vc. 4



Pno.  
Hrp.

Vln. I  
*cresc.*

Vln. II  
*cresc.*

Vln. III  
*= 3 times this bar*  
*cresc.*

Vln. IV  
*N*  
*cresc.*

Vln. V  
*cresc.*

Vln. VI  
*cresc.*

Vln. VII  
*cresc.*

Vln. VIII

Vla. 1  
*= 3 times this bar*  
*cresc.*

Vla. 2  
*4 4 1 4 4*  
*cresc.*

Vla. 3  
*1 1 4 4*  
*= 3 times this bar*

Vla. 4  
*# cresc.*

Vc. 1  
*9 2 3 = 3 times this bar*  
*cresc.*

Vc. 2  
*5*  
*cresc.*

Vc. 3  
*3*  
*cresc.*

Vc. 4  
*3 2 9 3 3 3 3*  
*mp cresc. 3*

Cb. 1  
*cresc.*

Cb. 2  
*cresc.*

12 rit.

**Senza tempo** **Interplay 4 "bloom + aphonium": 3 players out of violin and viola section on three iPads**

**13** **A tempo**

Pno. Hrp. (H vln 3 row 3 centre left) (H vlc 1 back row left) (H vlc 4 back row right) (H cb 2 row 2 centre right)

**Interplay 4** Upon completion of interplay 4, return during the 36" of rehearsal number 13 and resume playing your written part at reh. nmbr. 14

Vln. I (H vln 3 row 3 centre left) (H vlc 1 back row left) (H vlc 4 back row right) (H cb 2 row 2 centre right)

**Interplay 4** Upon completion of interplay 4, return during the 36" of rehearsal number 13 and resume playing your written part at reh. nmbr. 14

Vln. II (H vln 3 row 3 centre left) (H vlc 1 back row left) (H vlc 4 back row right) (H cb 2 row 2 centre right)

**Interplay 4** Upon completion of interplay 4, return during the 36" of rehearsal number 13 and resume playing your written part at reh. nmbr. 14

Vln. III (H vln 3 row 3 centre left) (H vlc 1 back row left) (H vlc 4 back row right) (H cb 2 row 2 centre right)

**Interplay 4** Upon completion of interplay 4, return during the 36" of rehearsal number 13 and resume playing your written part at reh. nmbr. 14

Vln. IV (H vln 3 row 3 centre left) (H vlc 1 back row left) (H vlc 4 back row right) (H cb 2 row 2 centre right)

**Interplay 4** Upon completion of interplay 4, return during the 36" of rehearsal number 13 and resume playing your written part at reh. nmbr. 14

Vln. V (H vln 3 row 3 centre left) (H vlc 1 back row left) (H vlc 4 back row right) (H cb 2 row 2 centre right)

**Interplay 4** Upon completion of interplay 4, return during the 36" of rehearsal number 13 and resume playing your written part at reh. nmbr. 14

Vln. VI (H vln 3 row 3 centre left) (H vlc 1 back row left) (H vlc 4 back row right) (H cb 2 row 2 centre right)

**Interplay 4** Upon completion of interplay 4, return during the 36" of rehearsal number 13 and resume playing your written part at reh. nmbr. 14

Vln. VII (H vln 3 row 3 centre left) (H vlc 1 back row left) (H vlc 4 back row right) (H cb 2 row 2 centre right)

**Interplay 4** Upon completion of interplay 4, return during the 36" of rehearsal number 13 and resume playing your written part at reh. nmbr. 14

Vln. VIII (H vln 3 row 3 centre left) (H vlc 1 back row left) (H vlc 4 back row right) (H cb 2 row 2 centre right)

**Interplay 4** Upon completion of interplay 4, return during the 36" of rehearsal number 13 and resume playing your written part at reh. nmbr. 14

Vla. 1 (H vln 3 row 3 centre left) (H vlc 1 back row left) (H vlc 4 back row right) (H cb 2 row 2 centre right)

**Interplay 4** Upon completion of interplay 4, return during the 36" of rehearsal number 13 and resume playing your written part at reh. nmbr. 14

Vla. 2 (H vln 3 row 3 centre left) (H vlc 1 back row left) (H vlc 4 back row right) (H cb 2 row 2 centre right)

**Interplay 4** Upon completion of interplay 4, return during the 36" of rehearsal number 13 and resume playing your written part at reh. nmbr. 14

Vla. 3 (H vln 3 row 3 centre left) (H vlc 1 back row left) (H vlc 4 back row right) (H cb 2 row 2 centre right)

**Interplay 4** Upon completion of interplay 4, return during the 36" of rehearsal number 13 and resume playing your written part at reh. nmbr. 14

Vla. 4 (H vln 3 row 3 centre left) (H vlc 1 back row left) (H vlc 4 back row right) (H cb 2 row 2 centre right)

Play this bar, some time after iPads sounds have started, slowly and out of tempo

Vc. 1 pizz. ff pizz. ff Play this bar, after vlc 1, less slowly than vlc 1 and out of tempo

Vc. 4 ff pizz. ff arco

Cb. 2 ff pizz. ff arco

**13** **A tempo**

+ Electro TRACK THREE [= 53"]

**f**

**36**

Pno.  
Hrp.

(H with vlc 2 back row centre left)

= 6 times this bar

Vln. I

*mf*

Vln. II

normal  
*mf*

= 17 times this bar

Vln. III

*N*

Vln. VI

*ff*

Vla. 3

*ff*

Vc. 2

*ff*

Vc. 3

= 14 times this bar

Vc. 4

arco = 16 times this bar  
*mf*

Cb. 1

*mf*

Cb. 2

Pno. Hrp. { (H with vln I row 3 centre right) 8<sup>ve</sup>

Vln. I ff = 10 times this bar 2 3 4

Vln. II 5 6 7 8 9 10 11

Vln. III 3 4 5 6 7 8 9

Vln. IV = 13 times this bar 2 3 4 5 6 7

Vln. V = 11 times this bar f 2 3 4 5

Vln. VI = 9 times this bar f 2 3 4 5

Vln. VII = 7 times this bar f 2 3 4 5

Vla. 4 = 8 times this bar f 2 3 4

Vc. 1 arco = 10 times this bar mf 2 3 4 5 6

Vc. 2 = 12 times this bar mf 2 3 4 5 6 7 8

Vc. 3 2 3 4 5 6 7 8

Vc. 4 4 5 6 7 8 9 10

Cb. 1 Cb. 2

**Pno. Hrp.**

**Vln. I** 5 6 7 8 9 10

**Vln. II** 12 13 14 15 16 17

**Vln. III** 10 11 12 13 14 15

**Vln. IV** 8 9 10 11 12 13

**Vln. V** 6 7 8 9 10 11

**Vln. VI** 4 5 6 7 8 9

**Vln. VII** 2 3 4 5 6 7

**Vln. VIII** - *f* = 5 times this bar 3 3 3 3 2 cresc. 3 4

**Vla. 1** - *mf* = 4 times this bar N 6 6 6 6 cresc. 2 3 4

**Vla. 2** - *f* = 6 times this bar 5 5 5 5 2 3 4 cresc. 5 6

**Vla. 3** - *f* 3 3 3 3 4 5 6

**Vla. 4** - *f* 2 3 4 5 6 7 8

**Vc. 1** 5 6 7 8 9 10

**Vc. 2** 7 8 9 10 11 12

**Vc. 3** 9 10 11 12 13 14

**Vc. 4** 11 12 13 14 15 16

**Cb. 1** - 3 5 6 5 5 cresc. 5 6 5

**Cb. 2** - 3 5 6 5 5 cresc. 5 6 5

**14 Più mosso** *d* = 120

**Piano:** still same pedal since rehearsal number 7

+ Electro TRACK FOUR [146"] + interspersed extempored melodic snippets on A, C $\sharp$ , B, F $\sharp$  in response to electro track 4

Pno. Hrp.

Vln. I = 15 times this bar

Vln. II = 13 times this bar

Vln. III = 11 times this bar

Vln. IV = 9 times this bar

Vln. V = 7 times this bar

Vln. VI = 5 times this bar

Vln. VII = 3 times this bar

Vln. VIII Ambulation 2: start walking whilst playing from memory  
= 17 times this bar

Vla. 1 Ambulation 2: start walking whilst playing from memory  
= 17 times this bar

Vla. 2 Ambulation 2: start walking whilst playing from memory  
= 17 times this bar

Vla. 3 Ambulation 2: start walking whilst playing from memory  
= 17 times this bar

Vla. 4 Ambulation 2: start walking whilst playing from memory  
= 17 times this bar

Vc. 1 Ambulation 2: start walking whilst playing from memory  
= 6 times this bar

Vc. 2 Ambulation 2: start walking whilst playing from memory  
= 8 times this bar

Vc. 3 Ambulation 2: start walking whilst playing from memory  
= 10 times this bar

Vc. 4 Ambulation 2: start walking whilst playing from memory  
= 12 times this bar

Cb. 1

Cb. 2

8 9 10 11 12 13 14

Vln. I Ambulation 2: start walking whilst playing from memory = 17 times this bar

Vln. II Ambulation 2: start walking whilst playing from memory = 17 times this bar *mf*

Vln. III Ambulation 2: start walking whilst playing from memory = 17 times this bar *mf*

Vln. IV Ambulation 2: start walking whilst playing from memory = 17 times this bar *mf*

Vln. V Ambulation 2: start walking whilst playing from memory = 17 times this bar *mf*

Vln. VI

Vln. VII

Vln. VIII

8 9 10 11 12 13 14

Vla. 1

Vla. 2 8 9 10 11 12 13 14

Vla. 3 6 7 8 9 10 11 12

Vla. 4 4 5 6 7 8 9 10

Vc. 1 2 3 4 5 6 7 8

Vc. 2 8 = 17 times this bar 9 10 2 3 4 5 6

Vc. 3 8 *mf* 9 10 = 17 times this bar 3 2 3 4

Vc. 4 8 9 10 11 12 = 17 times this bar 2 *mf*

Cb. 1

Cb. 2

**Ambulation 2: start walking whilst playing from memory**  
= 17 times this bar

Vln. I 15 

Vln. II

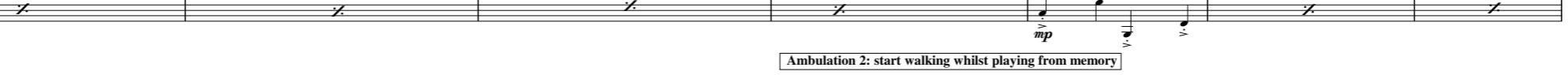
Vln. III

Vln. IV

Vln. V

Vln. VI

Vln. VII = 42 times this bar (that is 84": vln 7 may wish to walk through the audience)  


Vln. VIII pizz. = 44 times this bar (that is 88": vln 8 may wish to walk through the audience)  


**Ambulation 2: start walking whilst playing from memory**  
= 12 times this bar

Vla. 1 15 16 17 

Vla. 2 15 16 17 

Vla. 3 15 16 17 = 16 times this bar  


Vla. 4

Vc. 1 9 10 11 12 13 14 15  
7 8 9 10 11 12 13

Vc. 2 5 6 7 8 9 10 11

Vc. 3 3 4 5 6 7 8 9

Vc. 4

Cb. 1 = 17 times this bar  


Cb. 2 = 17 times this bar  


Music score for orchestra, featuring multiple staves for various instruments. The score includes parts for Vln. I, Vln. II, Vln. III, Vln. IV, Vln. V, Vln. VI, Vln. VII, Vln. VIII, Vla. 1, Vla. 2, Vla. 3, Vla. 4, Vc. 1, Vc. 2, Vc. 3, Vc. 4, Cb. 1, and Cb. 2.

The score consists of two systems of music. The first system starts with eighth-note patterns on the first six staves, followed by sixteenth-note patterns on the last three staves. Measure numbers 1 through 15 are present above the staves. The second system begins with eighth-note patterns on the first six staves, followed by sixteenth-note patterns on the last three staves. Measure numbers 16 through 17 are present above the staves.

Performance instructions include:

- Vln. I, Vln. II, Vln. III, Vln. IV, Vln. V, Vln. VI, Vln. VII, Vln. VIII:** eighth-note patterns throughout.
- Vla. 1, Vla. 2, Vla. 3, Vla. 4:** sixteenth-note patterns starting at measure 17.
- Vc. 1, Vc. 2, Vc. 3, Vc. 4:** sixteenth-note patterns starting at measure 17.
- Cb. 1, Cb. 2:** eighth-note patterns throughout.
- Dynamic markings:** *mp* (mezzo-forte) appears multiple times, *p* (pianissimo) appears once, and *pizz.* (pizzicato) appears twice.
- Repetitions:** Measures 1-15 are repeated 14 times, indicated by the text "*= 14 times this bar*". Measures 16-17 are repeated 41 times, indicated by the text "*= 41 times this bar (that is 82": vla 4 may wish to walk through the audience)*". Measures 1-15 are repeated 14 times again, indicated by the text "*= 14 times this bar*". Measures 16-17 are repeated 33 times, indicated by the text "*= 33 times this bar*".
- Measure Numbers:** Measures 1 through 17 are explicitly numbered above the staves.

Violin I                                  = 13 times this bar  
*mp*

Violin II                                  = 13 times this bar  
*mp*

Violin III

Violin IV

Violin V                                  = 12 times this bar  
*p*

Violin VI                                 = 26 times this bar (that is 52": vln 6 may wish to walk through the audience)  
*pizz.*  
*p*

Violin VII

Violin VIII

Viola 1                                  = 13 times this bar  
*pp*

Viola 2                                  = 13 times this bar  
*pp*

Viola 3                                  = 13 times this bar  
*p*

Viola 4

Cello 1                                  8    9                                  10                                  11                                  12                                  13                                  14                                  = 12 times this bar                                  2  
*p*

Cello 2                                  6    7    8    9    10    11    12    13    14

Cello 3                                  4    5    6    7    8    9    10    11    12

Cello 4                                  2    3    4    5    6    7    8    9    10

Cello 1                                  17    2    3    4    5    6    7    8  
*mf*

Cello 2                                  15    16    17    = 13 times this bar  
*mf*    2    3    4    5    6

Sheet music for orchestra, featuring parts for Vln. I, Vln. II, Vln. III, Vln. IV, Vln. V, Vln. VI, Vln. VII, Vln. VIII, Vla. 1, Vla. 2, Vla. 3, Vla. 4, Vc. 1, Vc. 2, Vc. 3, Vc. 4, Cb. 1, and Cb. 2.

The score includes various performance instructions and dynamics:

- Vln. I: Measures 1-11, dynamic *p*. Measure 12, = 11 times this bar.
- Vln. II: Measures 1-11, dynamic *p*. Measure 12, = 11 times this bar.
- Vln. III: Measures 1-11, dynamic *p*. Measure 12, = 12 times this bar.
- Vln. IV: Measures 1-11, dynamic *p*.
- Vln. V: Measures 1-11.
- Vln. VI: Measures 1-11.
- Vln. VII: Measures 1-11.
- Vln. VIII: Measures 1-11.
- Vla. 1: Measures 1-11, dynamic *pizz.*, *ppp*. Measure 12, = 15 times this bar.
- Vla. 2: Measures 1-11, dynamic *pizz.*, *ppp*. Measure 12, = 15 x this bar.
- Vla. 3: Measures 1-11, dynamic *pizz.*, *pp*. Measure 12, = 14 x this bar.
- Vla. 4: Measures 1-11, dynamic *pp*.
- Vc. 1: Measures 1-12, numbered 3 through 12.
- Vc. 2: Measures 1-12, numbered 2 through 11, dynamic *p*. Measure 13, = 12 times this bar.
- Vc. 3: Measures 1-12, numbered 13 through 20, dynamic *p*. Measure 13, = 21 times this bar.
- Vc. 4: Measures 1-12, numbered 11 through 20.
- Cb. 1: Measures 1-12, numbered 9 through 5, dynamic *mp*. Measure 13, = 11 times this bar.
- Cb. 2: Measures 1-12, numbered 7 through 3, dynamic *mp*. Measure 13, = 11 times this bar.

Music score for orchestra, featuring parts for Vln. I, Vln. II, Vln. III, Vln. IV, Vln. V, Vln. VI, Vln. VII, Vln. VIII, Vla. 1, Vla. 2, Vla. 3, Vla. 4, Vc. 1, Vc. 2, Vc. 3, Vc. 4, Cb. 1, and Cb. 2.

The score includes various performance instructions:

- Vln. I: = 6 times this bar, pp, pizz., Frozen G.P.
- Vln. II: = 6 times this bar, pp, pizz., Frozen G.P.
- Vln. III: = 6 times this bar, pp, pizz., = 3 times this bar, Frozen G.P.
- Vln. IV: = 10 times this bar, pp, pizz., Frozen G.P.
- Vln. V: = 12 times this bar, pizz., pp, Frozen G.P.
- Vln. VI: Frozen G.P.
- Vln. VII: Frozen G.P.
- Vln. VIII: Frozen G.P.
- Vla. 1: Frozen G.P.
- Vla. 2: Frozen G.P.
- Vla. 3: Frozen G.P.
- Vla. 4: Frozen G.P.
- Vc. 1: = 9 times this bar, pp, 2, 3, 4, 5, 6, 7, 8, 9, = 4 times this bar, pizz., pp, 2, 3, 4, Frozen G.P.
- Vc. 2: = 11 times this bar, pp, 12, 13, pizz., 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, Frozen G.P.
- Vc. 3: 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, Frozen G.P.
- Vc. 4: 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, Frozen G.P.
- Cb. 1: 6, 7, 8, 9, 10, 11, = 7 times this bar, p, 2, 3, 4, 5, 6, 7, Frozen G.P.
- Cb. 2: 4, 5, 6, 7, 8, 9, 10, 11, = 5 times this bar, p, 2, 3, 4, 5, Frozen G.P.

**15** Fast suspended tempo

Pno. nail pizz.

Hrp. **ppp**  
(call order: vlc 1, 2, 3, 4, cb 1, 2)

Vln. I Ambulation 3: listen to cellists and position yourself next to the cellist who played pitch f pizz. once

Vln. II Ambulation 3: listen to cellists and position yourself next to the cellist who played pitch f pizz. twice

Vln. III Ambulation 3: listen to cellists and position yourself next to the cellist who played pitch f pizz. thrice

Vln. IV Ambulation 3: listen to cellists and position yourself next to the cellist who played pitch f pizz. 4 times

Vla. 1 Ambulation 3: listen to bassists and position yourself next to the bassist who played pitch b<sub>2</sub> pizz. once

Vla. 2 Ambulation 3: listen to bassists and position yourself next to the bassist who played pitch b<sub>2</sub> pizz. twice

After the high f in piano or harp, call for violins' ambulation 3 by playing ONE only of these four boxes

Vc. 1 pizz.   
**ppp**

Immediately after vlc 1, call for violins' ambulation 3 by playing ONE only of these four boxes but not the box played by vlc 1

Vc. 2 pizz.   
**pp**

Immediately after vlc 2, call for violins' ambulation 3 by playing ONE only of these four boxes but not the box played by vlc 1 and 2

Vc. 3 pizz.   
**pp**

Immediately after vlc 3, call for violins' ambulation 3 by playing the only box left that was not played by vlc 1, 2 and 3

Vc. 4 pizz.   
**pp**

Immediately after vlc 4, call for violas' ambulation 3 by playing ONE only of these two boxes

Cb. 1 pizz.   
**p**

Immediately after bass 2, call for violas' ambulation 3 by playing the box that was not play by bass 1

Cb. 2 pizz.   
**p**

**16** (call order: cb 2, 1, vlc 4, 3, 2, 1)

Pno. Hrp. Vln. V Vln. VI Vln. VII Vln. VIII Vla. 3 Vla. 4 Vc. 3 Vc. 4 Cb. 1 Cb. 2

Ambulation 3: listen to cellists and position yourself next to the cellist who played pitch f arco 5 times  
 Ambulation 3: listen to cellists and position yourself next to the cellist who played pitch f parco 6 times  
 Ambulation 3: listen to cellists and position yourself next to the cellist who played pitch f arco 7 times  
 Ambulation 3: listen to cellists and position yourself next to the cellist who played pitch f arco 8 times  
 Ambulation 3: listen to bassists and position yourself next to the bassist who played pitch b♭ arco 3 times  
 Ambulation 3: listen to bassists and position yourself next to the bassist who played pitch b♭ arco four times

Immediately after vlc 4, play arco one of these four boxes, but not the box played by vlc 4

Immediately after bass 2, play arco one of these four boxes

Immediately after bass 1, play arco the box that was not play by bass 2

Then play arco one of these 2 boxes

Slow rubato

Immediately after vlc 2, play the only box left that was not played by vlc 2, 3 and 4

Interplay 5: listen to to electro-acoustician giving you the signal to start playing 18 and lead your 2 violists from very slow, accelerando towards 19 and presto arco at 19

Interplay 5: listen to to electro-acoustician giving you the signal to start playing 18 and lead your 2 violists from very slow, accelerando towards 19 and presto arco at 19

Interplay 5: listen to to electro-acoustician giving you the signal to start playing 18 and lead your 2 violists from very slow, accelerando towards 19 and presto arco at 19

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Interplay 5: listen to to electro-acoustician giving you the signal to start playing 18 and lead your 2 violists from very slow, accelerando towards 19 and presto arco at 19

**18** 1 independent tempo per trio,  
start slowly and accelerate for 5 bars

Interplay 5: follow exactly the tempo and accelerando of your cellist pizz.

Vln. I

Interplay 5: follow exactly the tempo and accelerando of your cellist pp

Vln. II

Interplay 5: follow exactly the tempo and accelerando of your cellist pp

Vln. III

Interplay 5: follow exactly the tempo and accelerando of your cellist pp

Vln. IV

Interplay 5: follow exactly the tempo and accelerando of your cellist pp

Vln. V

Interplay 5: follow exactly the tempo and accelerando of your cellist pp

Vln. VI

Interplay 5: follow exactly the tempo and accelerando of your cellist pp

Vln. VII

Interplay 5: follow exactly the tempo and accelerando of your cellist pp

Vln. VIII

Interplay 5: follow exactly the tempo and accelerando of your bassist pizz. pp

Vla. 1

Interplay 5: follow exactly the tempo and accelerando of your bassist pizz. pp

Vla. 2

Interplay 5: follow exactly the tempo and accelerando of your bassist pizz. pp

Vla. 3

Interplay 5: follow exactly the tempo and accelerando of your bassist pizz. pp

Vla. 4

pizz. (box indicate when violinists are playing) pp

Vc. 1

pizz. (box indicate when violinists are playing) pp

Vc. 2

pizz. (box indicate when violinists are playing) pp

Vc. 3

pizz. (box indicate when violinists are playing) pp

Vc. 4

pizz. (box indicate when violinists are playing) pp

Cb. 1

pizz. (box indicate when violinists are playing) pp

Cb. 2

pizz. (box indicate when violinists are playing) pp

**19** unsynchronised, presto furioso  
without changing anymore the tempo

**20**

Pno.  
Hrp.

**21**

Presto  $\text{♩} = 144$

Listen for the following rhythm  
in the electro-acoustic music  
and cue the string players

Vln. I (hold for the exact full duration)

Vln. II (hold for the exact full duration)

Vln. III (hold for the exact full duration)

Vln. IV (hold for the exact full duration)

Vln. V (hold for the exact full duration)

Vln. VI (hold for the exact full duration)

Vln. VII (hold for the exact full duration)

Vln. VIII (hold for the exact full duration)

Vla. 1 (hold for the exact full duration)

Vla. 2 (hold for the exact full duration)

Vla. 3 (hold for the exact full duration)

Vla. 4 (hold for the exact full duration)

Vc. 1 (hold for the exact full duration)

Vc. 2 (hold for the exact full duration)

Vc. 3 (hold for the exact full duration)

Vc. 4 (hold for the exact full duration)

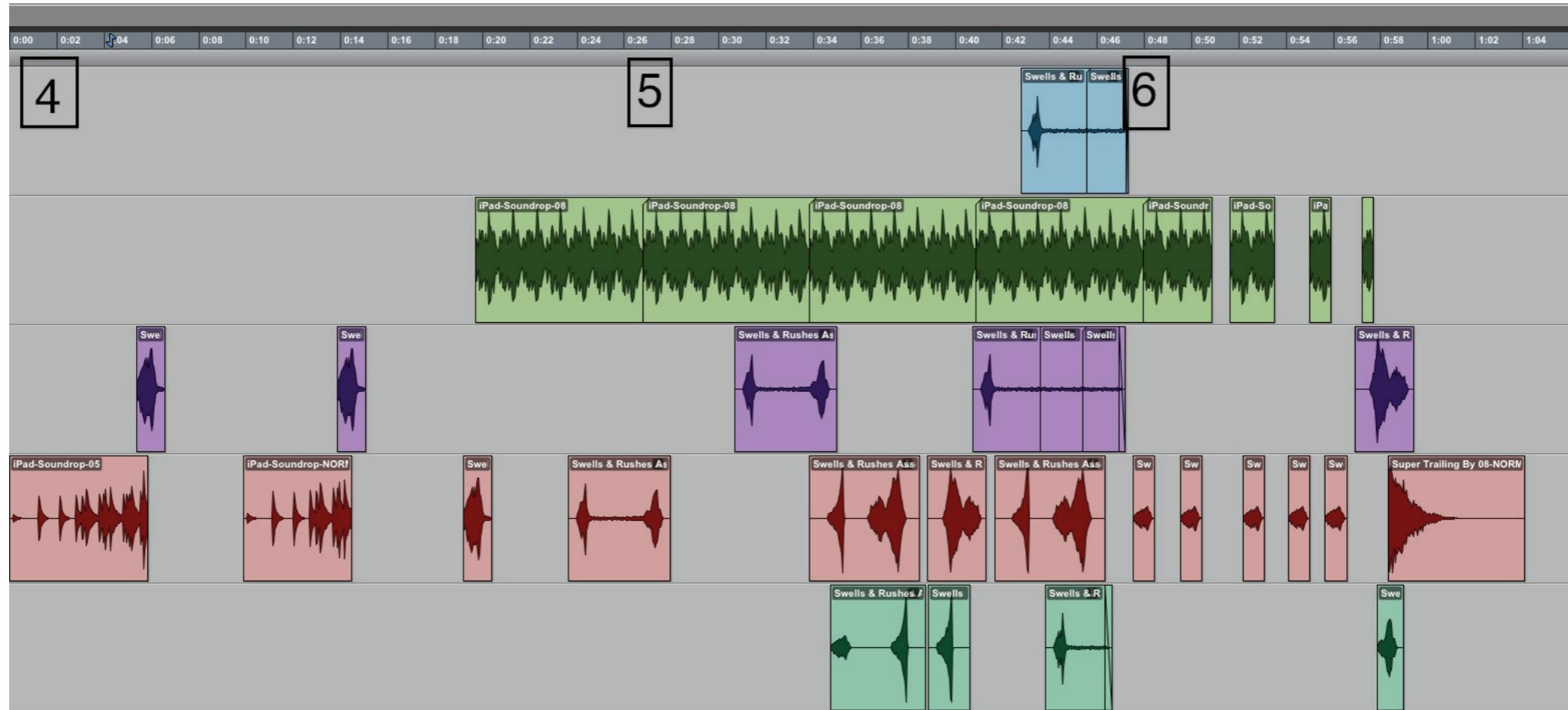
Cb. 1 (hold for the exact full duration)

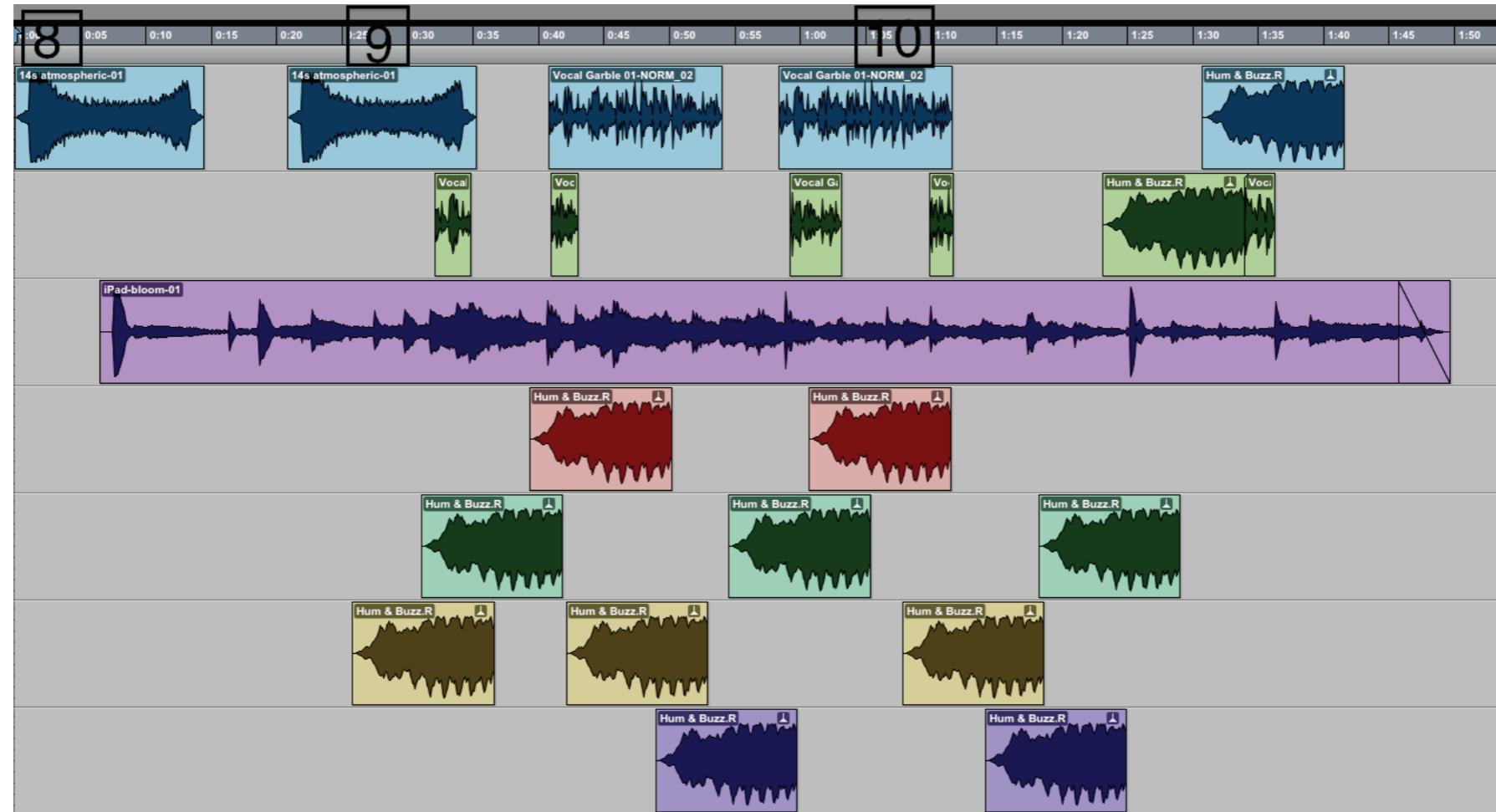
Cb. 2 (hold for the exact full duration)

Ab

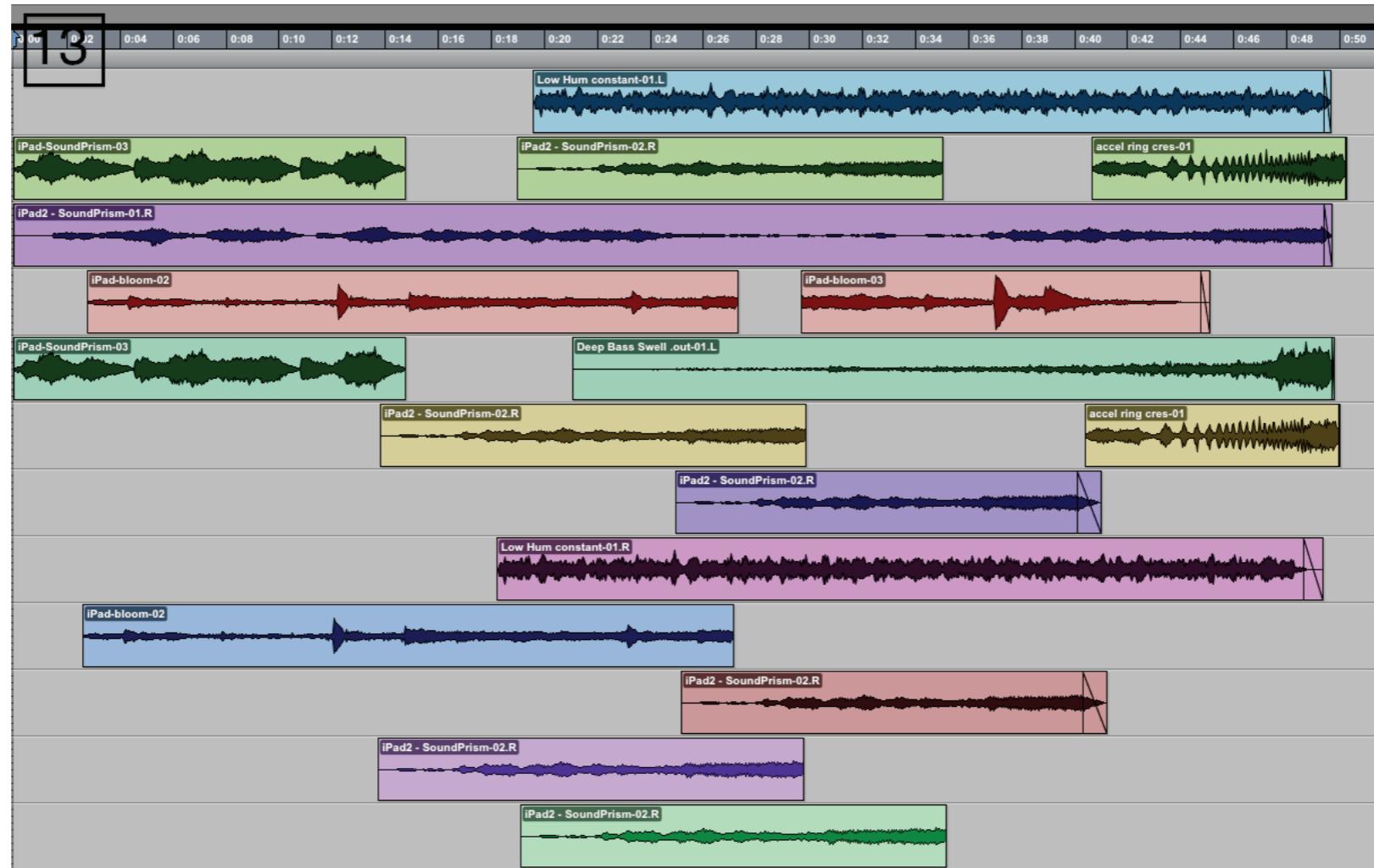
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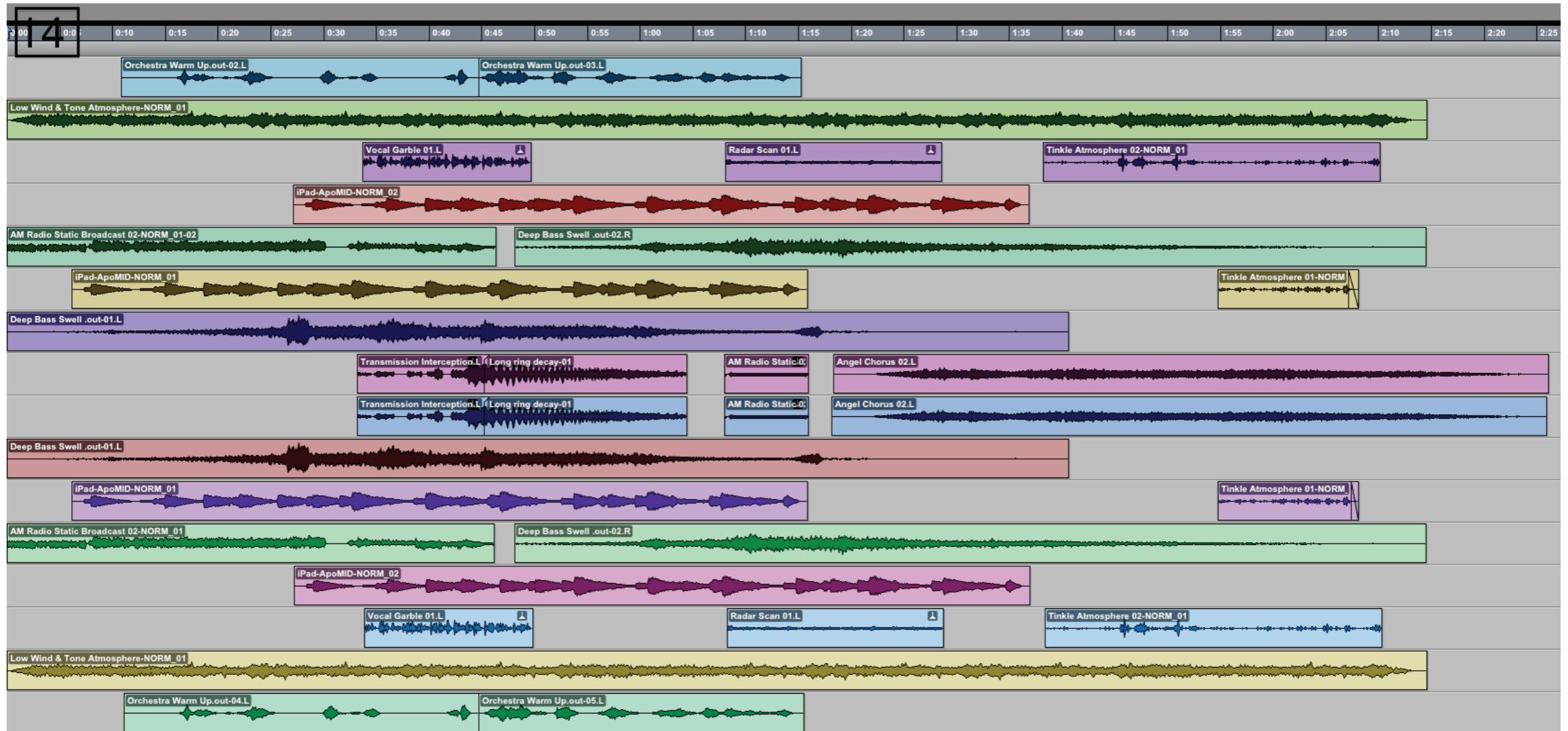
## Appendix: Electro-acoustic Sounds



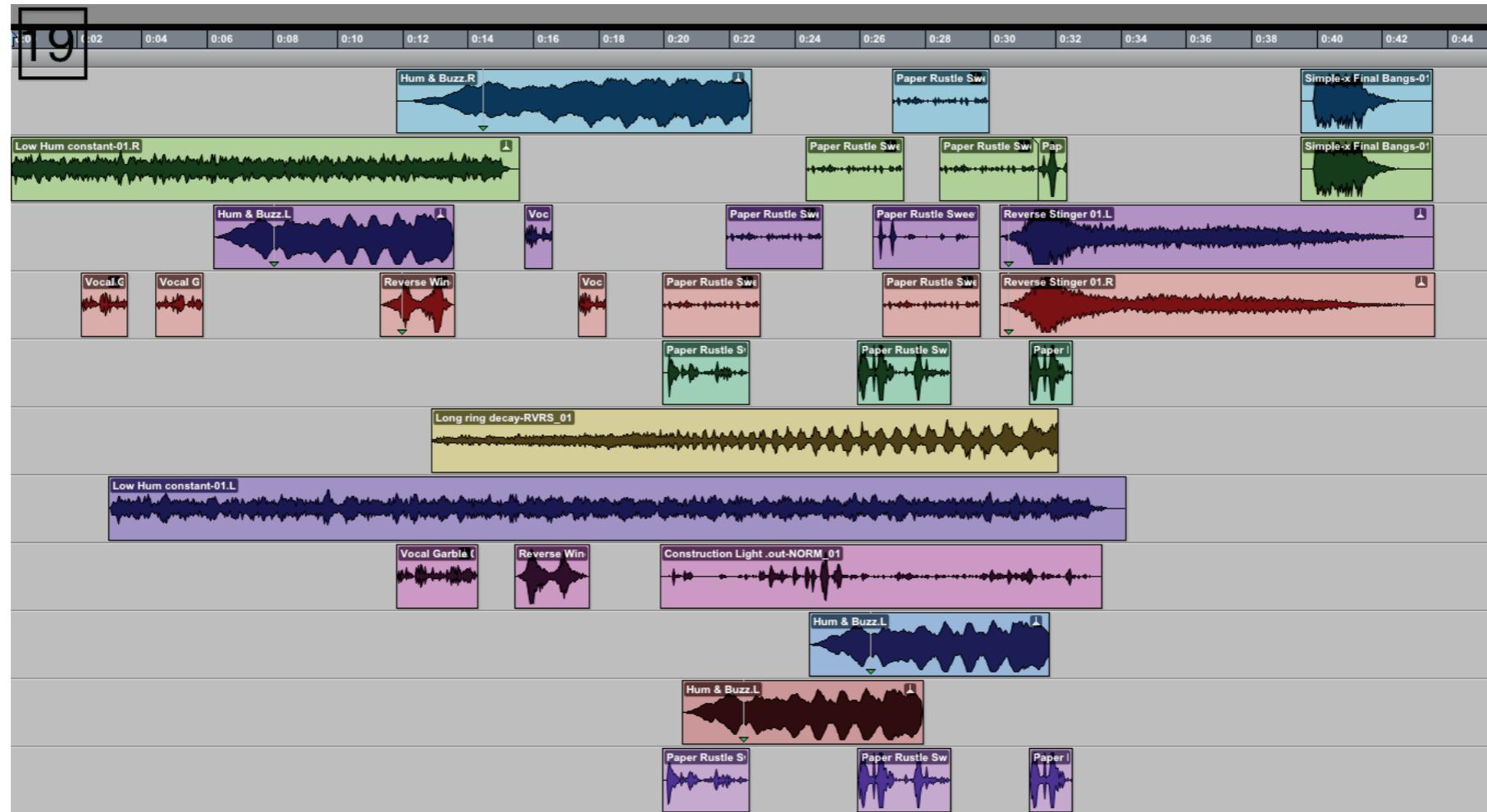


## Appendix: Electro-acoustic Sounds





## Appendix: Electro-acoustic Sounds



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