

Harmoniae Naturales I

Hurrahing in Harvest

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2005

Sound Director

recorded Cello

recorded Overtone Voice 1

recorded Overtone Voice 2

Voice

Overtone Voice doubling Tambura and Rin Bowl

Tambura **Steady**

pp

keep repeating

Violin

Viola

Cello

c.30"

c.30"

c.30"

c.30"

c.30"

c.30"

c.30"

c.30"

The score consists of ten staves. The top five staves (Sound Director, recorded Cello, recorded Overtone Voice 1, recorded Overtone Voice 2, and Voice) each have a single note with a fermata and a 'c.30"' marking. The sixth staff (Overtone Voice doubling Tambura and Rin Bowl) contains a melodic line starting with a double bar line, followed by three notes (quarter, quarter, quarter), a repeat sign, and then a wavy line with the instruction 'keep repeating'. The bottom five staves (Violin, Viola, Cello) each have a single note with a fermata and a 'c.30"' marking. The 'Tambura' part is marked 'Steady' and 'pp'.

A

PLAY TRACK 1 ON CD

S.D. coordinate entry with last note of a cycle in Tambura

rec. Vc. *ppp* \longleftarrow *pp*

rec. O.V.1 *ppp* \longleftarrow *pp*
begin with closed mouth and then gradually produce overtones

rec. O.V.2 *ppp* \longleftarrow *pp*
begin with closed mouth and then gradually produce overtones, respond to recorded overtones

O.V. *ppp* \longleftarrow *pp*



rec. Vc.

rec. O.V.1 *keep repeating*

rec. O.V.2 *keep repeating*

O.V.

rec. Vc. *c.2'40"*

rec. O.V.1 *poco a poco cresc. mf poco a poco dim. c.2'40"*

rec. O.V.2 *poco a poco cresc. mf poco a poco dim. c.2'40"*

O.V. *poco a poco cresc. mf poco a poco dim.*

keep repeating exact coordination with recorded voices is not necessary

Detailed description: The image shows a musical score for five parts. The top part is 'rec. Vc.' with a bass clef and a fermata. Below it is 'rec. O.V.1' with a bass clef, a wavy line, and dynamic markings: 'poco a poco cresc.', 'mf', and 'poco a poco dim.', with a duration of 'c.2'40"'. The next part is 'rec. O.V.2' with a bass clef, a wavy line, and the same dynamic markings and duration. Below that is 'O.V.' with two staves, each with a bass clef and a wavy line, and the same dynamic markings. A long double-headed arrow spans across the O.V.1 and O.V.2 parts with the text 'keep repeating exact coordination with recorded voices is not necessary'.

B

rec. Vc.

rec. O.V.1

rec. O.V.2

O.V.

Tempo independant of all other parts

Vln.

dreamy
ppp < *p* > *ppp*

ppp < *p* > *ppp*

Tempo independant of all other parts

Vla.

gliss. sul C

pp

Tempo independant of all other parts

Vc.

gliss. sul G

pp

7

match pitch of natural harmonic in viola

rec. Vc.

rec. O.V.1

rec. O.V.2

O.V.

Vln.

Vla.

Vc.

ppp *p* *ppp* *ppp* *p* *ppp*

gliss. sul C

keep repeating

Detailed description: This page of a musical score features six staves. The top three staves are recording tracks for Violoncello (rec. Vc.), O.V.1, and O.V.2, each containing a long, continuous wavy line. The fourth staff is an O.V. (Overhead) track, also with a wavy line. The fifth staff is the Violin (Vln.) part, written in treble clef with a key signature of one flat. It contains two phrases of notes with fingerings (7, 11, 7, 11, 13, 5, 13) and dynamic markings (*ppp*, *p*, *ppp*). The sixth staff is the Viola (Vla.) part, written in treble clef with a key signature of one flat, featuring a glissando on the C string. The seventh staff is the Violoncello (Vc.) part, written in bass clef, with a glissando on the C string. The score concludes with a double bar line and the instruction 'keep repeating'.

rec. Vc.

rec. O.V.1

rec. O.V.2

O.V.

Vln.

Vla.

Vc.

catch some more harmonics

Detailed description: This page of a musical score contains seven staves. The top three staves are for recorded strings: 'rec. Vc.' (bass clef), 'rec. O.V.1' (bass clef), and 'rec. O.V.2' (bass clef). Below these is a double-staff section for 'O.V.' (bass clef). The fifth staff is for 'Vln.' (treble clef). The sixth staff is for 'Vla.' (treble clef) and contains a melodic line with a slur and the instruction 'catch some more harmonics'. The seventh staff is for 'Vc.' (bass clef) and contains a rhythmic accompaniment. The score includes various musical notations such as clefs, notes, rests, and slurs.

rec. Vc.

rec. O.V.1

rec. O.V.2

O.V.

Vln.

Vla.

Vc.

longer, wilder glissandi on natural harmonics each time, improvise!

keep repeating

gliss. sul G

gliss. sul C

longer, wilder glissandi on natural harmonics each time, improvise!

The score consists of seven staves. The top four staves (rec. Vc., rec. O.V.1, rec. O.V.2, O.V.) are in bass clef and contain sustained notes with a long slur. The fifth staff (Vln.) is in treble clef and contains a sustained note. The sixth staff (Vla.) is in treble clef and contains a melodic line with a sawtooth glissando pattern over a sustained note. The seventh staff (Vc.) is in treble clef and contains a melodic line with a sawtooth glissando pattern over a sustained note. Performance instructions are placed above the Vla. and Vc. staves.

rec. Vc.

rec. O.V.1

rec. O.V.2

O.V.

Vln.

Vla.

Vc.

finish the cycle which you are in and then continue

keep repeating for c.20" (ie about 2 further cycles) keep repeating

rec. Vc. *dim.*

rec. O.V.1 *dim.*

rec. O.V.2 *dim.*

O.V. *dim.*

Vln. *dim.* *ppp*

Vla. *dim.* *catch some more harmonics*

Vc. *dim.*

finish the cycle which you are in and then continue

finish the cycle which you are in and then continue

STOP CD

FADE OUT CD

S.D.

rec. Vc.

rec. O.V.1

rec. O.V.2

O.V.

Vla.

Vc.

C

stir rim (sounds 1 octave lower)

Rin Bowl

c.20"

O.V.

ppp

p

Vla.

c.20"

Vc.

c.20"

O.V.

Slowish

Vln. *ppp* *pp* *p* *mp*

Vla. **Slowly pulsating** *pp*

Vc. **Slowly pulsating**
sempre sul C *pp*



O.V.

Vln. *pp* *pp* *p* *mp*

Vla.

Vc.

ord. 11 try to match timbre of harmonic

7 match pitch of natural harmonic 5 in cello

ord. 11 5

O.V.

Vln.

Vla.

Vc.

mf suddenly intense

ff rough

mf

f

ff



O.V.

Vln.

Vla.

V.c.

pp

finish the cycle which you are in
and then continue

ord. 5 13

mf

Bowl

O.V. Voice

produce long rough nasal overtones

mf

Vln

Vla

f *ff* *mf*

5 7 7 5 11 13 5 13 5 13

slower, heavy

V.c.

STOP! **3=5** ord. 5 7 13

mf



O.V.

f

3=5 13

Vln

3=5, 3=5 ord. 5 13 5 7 5 11

Vla

f

V.c.

5 13 7 7 5 11 13

f

Steadier, in time

accel.

Musical score for O.V., Vln, Vla, and V.c. in 4/4 time. The score includes performance instructions such as *ff*, *f*, and *ff*. It features fingering numbers (5, 7, 11, 13) and technical markings like **3=5** and **7**. The O.V. and Vln parts have a *ff* dynamic and a **3=5** marking. The Vla and V.c. parts have a *f* dynamic and a **7** marking. The Vln part has a *ff* dynamic and a **3=5** marking. The V.c. part has a *f* dynamic and a **7** marking. The score is divided into two measures by a bar line.

D poco a poco accel.

Musical score for O.V., Vln, Vla, and V.c. in 4/4 time. The score includes performance instructions such as *mp sub.*, *mp*, and *poco a poco cresc. sempre*. It features fingering numbers (5, 7, 11, 13) and technical markings like **7**. The O.V. part has a *mp sub.* dynamic. The Vln part has a *mp sub.* dynamic and a *poco a poco cresc. sempre* instruction. The Vla part has a *mp* dynamic and a *poco a poco cresc. sempre* instruction. The V.c. part has a *mp sub.* dynamic and a *poco a poco cresc. sempre* instruction. The score is divided into two measures by a bar line.

O.V.

Vln

Vla

V.c.



O.V.

Vln

Vla

V.c.

Voice

O.V. Tambura *independent of strings*

ff

Vln

Vla

V.c.

Detailed description of the musical score: The score is for page 18, measures 1-4. It features five staves: Voice, O.V. Tambura, Violin (Vln), Viola (Vla), and Violoncello (V.c.). The key signature has one sharp (F#) and the time signature is 3/4. The Voice part has two whole notes with fermatas. The O.V. Tambura part has a first ending with a repeat sign and a second ending with a fermata, marked *ff* and *independent of strings*. The Vln, Vla, and V.c. parts have complex melodic lines with slurs and fingering numbers (5, 7, 11, 13). The Vln part starts with a half note and a quarter note, followed by a series of eighth notes. The Vla and V.c. parts start with a half note and a quarter note, followed by a series of eighth notes. The Vln and Vla parts have a '5=3' box above the first measure. The V.c. part has a '5=3' box above the first measure. The Vln, Vla, and V.c. parts end with a fermata.

E

PLAY TRACK 2 ON CD

S.D.

rec. O.V.1

rec. O.V.2

O.V.

ff

ff

ff

respond to recorded voice overtones

string and voice parts are completely independant during this passage

Detailed description: This section contains three staves of recorded voice parts and one staff for string accompaniment. The top three staves are labeled 'rec. O.V.1', 'rec. O.V.2', and 'O.V.'. Each of these staves begins with a dynamic marking of *ff* (fortissimo). The 'O.V.' staff features a continuous, high-frequency tremolo pattern. The text 'respond to recorded voice overtones' is placed between the O.V. and rec. O.V.2 staves. Below the O.V. staff, the text 'string and voice parts are completely independant during this passage' is written.

Vln

Vla

V.c.

5 7 5 11 13

5 7 5 11 13

5 7 5 11 13

Detailed description: This section contains three staves for Violin (Vln), Viola (Vla), and Violoncello (V.c.). Each staff shows a melodic line with various fingerings indicated by numbers 5, 7, 11, and 13. The Vln staff starts with a treble clef and a 7-measure slur. The Vla staff starts with a treble clef and a 7-measure slur. The V.c. staff starts with a bass clef and a 7-measure slur. The notes are primarily eighth and sixteenth notes, with some slurs and accents.

rec. O.V.1

rec. O.V.2

O.V.

dim. poco a poco

dim. poco a poco

dim. poco a poco

(no repeat)

(no repeat)

(no repeat)

Vln

Vla

V.c.

5=3

5 **7** **5** **11** **13**

5 **7** **5** **11** **13**

5=3

5 **7** **5** **11** **13**

ff

ff

rec. O.V.1

rec. O.V.2

O.V.

Fast and furious
all parts independant again

Vln

ff

Fast and furious
all parts independant again

Vla

Fast and furious
all parts independant again

V.c.

rec. O.V.1

rec. O.V.2

O.V.

Vln

Vla

V.c.

Steady

5 7 5 11 13 7

finish the cycle which you are in and then continue

finish the cycle which you are in and then continue

rec. O.V.1

rec. O.V.2

O.V.

Vln

Vla

V.c.

This musical score page features three staves: Violin (Vln), Viola (Vla), and Cello (V.c.). The Violin part begins with a 7/8 time signature and a melodic line with fingerings 5, 7, 5, 11, and 13. It includes a triplet of eighth notes and a triplet of quarter notes. The Viola part features a melodic line with fingerings 5, 7, 5, and 11, and a triplet of eighth notes. The Cello part features a melodic line with fingerings 5, 7, 5, and 11, and a triplet of eighth notes. The upper staves (rec. O.V.1, rec. O.V.2, O.V.) are empty, indicating a recording or overdub section.

rec. O.V.1

rec. O.V.2

O.V.

Vln

Vla

V.c.

rall.

5 7 5 11

3

5 7 5

13

v

v

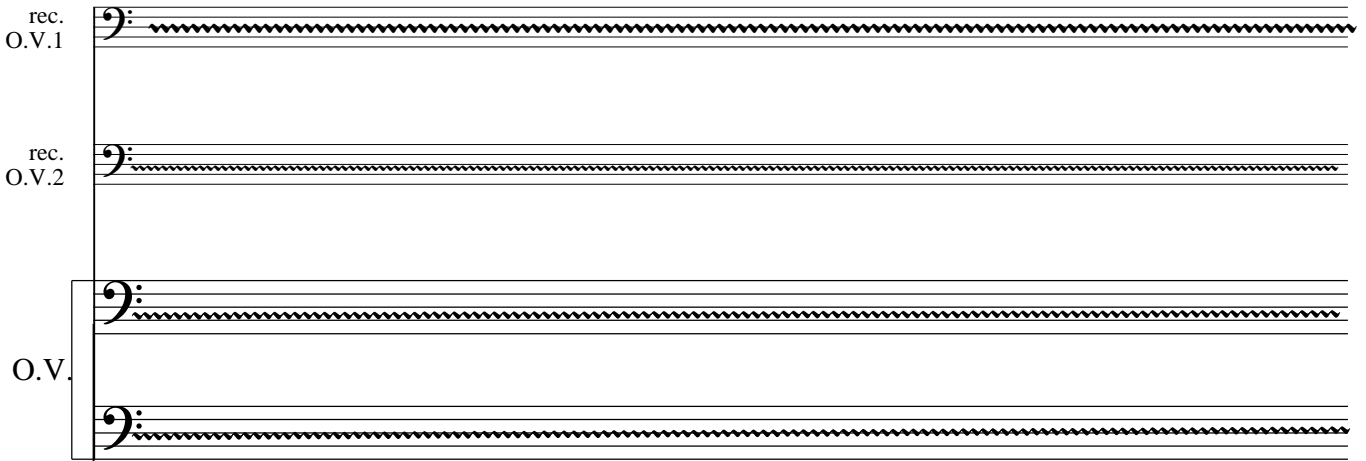
v

Detailed description of the musical score: The score is for page 24 and includes five staves. The top three staves are for the Violin section: 'rec. O.V.1' and 'rec. O.V.2' are empty staves with a wavy line indicating recording, and 'O.V.' contains two empty staves with a wavy line. The 'Vln' staff (Violin) is in treble clef with a 7/8 time signature. It features a melodic line with a 'rall.' (rallentando) marking. The line includes a triplet of eighth notes, a fermata over a note, and a 'Cres.' (crescendo) marking. Fingering numbers 5, 7, 5, 11, and 3 are indicated. The 'Vla' (Viola) staff is in treble clef and contains a single note with a fermata, followed by a measure with a '13' (triple sharp) and an accent 'v'. The 'V.c.' (Violoncello) staff is in bass clef and contains a single note with a fermata, followed by two measures with an accent 'v' and a fermata.

rec.
O.V.1

rec.
O.V.2

O.V.



molto rall.

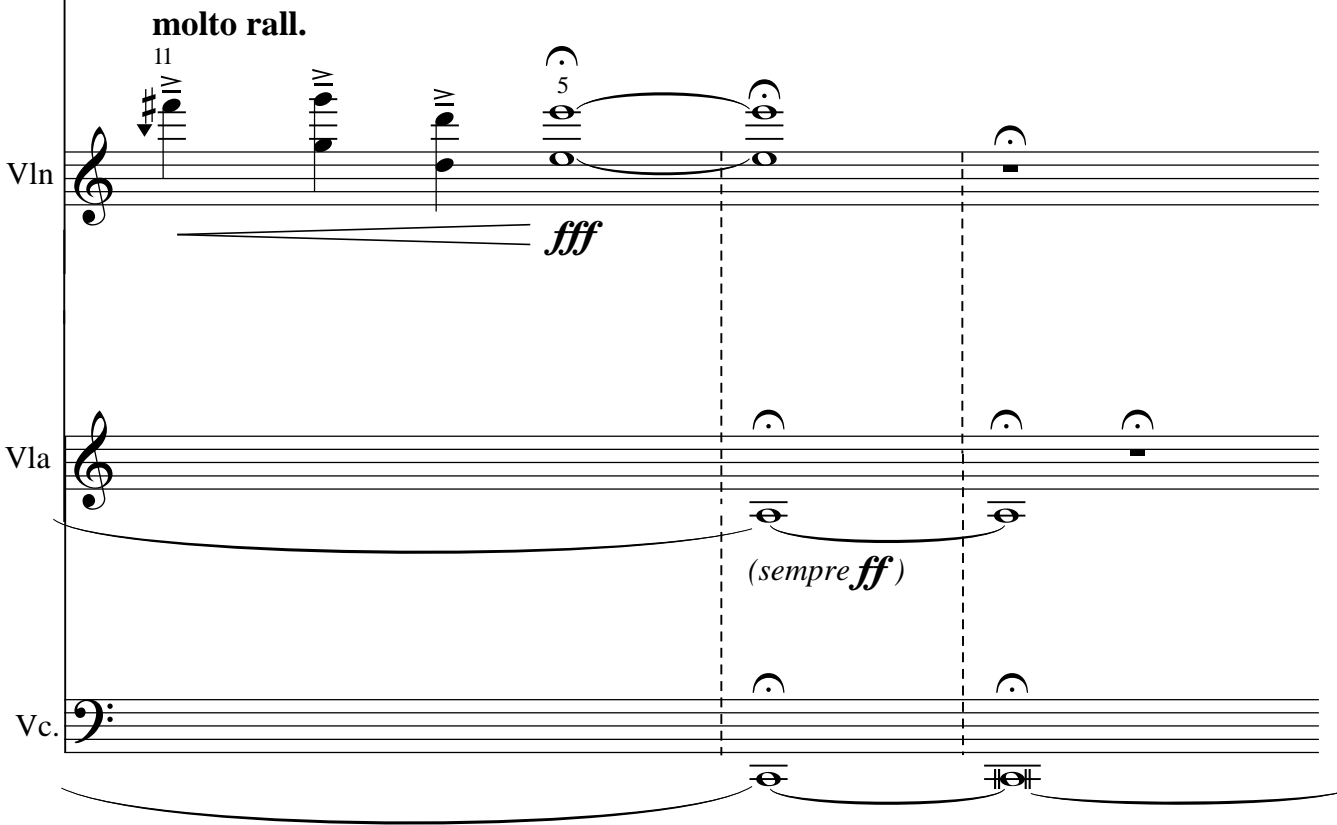
Vln

Vla

Vc.

fff

(sempre *ff*)



rec. O.V.1

rec. O.V.2

O.V.

Vc.

fade out with recorded voices

dim.

dim.

rec. O.V.1

rec. O.V.2

O.V.

Vc.

rall.

c.20"

p

pp

ppp

c.20"

p