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# String Quartet III

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( five patterns )

*for* two violins, viola, *and* violoncello

TRINITY HLYNN PRATER

2025

# FOREWORD

“There is no single mind: The five senses run simultaneously, so the mind cannot be one.”

- **Yinzi**  
( English approximation )

“ . . . I am that I am, and I am nothing . . .

“There goes a great shudder through the muscle,

“A shimmering of bells through the mist . . .

“One quick moment to crane the neck.

“I have always possessed the insatiable need to see what happens inside the room . . .

“Lo, wellspring of knowledge, of feeling, of sensation,

“Beauty, overwhelming,

“I will dislocate my jaw to fit it all in . . .

“I am what I am, but we are not the same.

“It is no good, speaking of fairness . . .

“I will claw my way back to the great dark, and we will not speak of this place again . . .

“Therein lies the sacred geometry of onanism,

“Of ouroboros, of punishment.

“I am that I was as I no longer am, for I am nothing . . .”

- **Hayden Silas Anhedönia**

“ . . . the identical becomes non-identical just as the non-identical can become the identical . . .”

- **Theodor W. Adorno**  
( English approximation )

# NOTES FOR THE INTERPRETERS

## ① GENERAL:





- ① After temporary **accidentals**, cancellation marks are printed also in the following measure (for notes in the same octave) and, in the same measure, for notes in other octaves, but they are printed again if the same note appears later in the same measure, except if the note is immediately repeated.
- ② All music should be played **as quietly as possible**. The threshold of audibility will be higher for some sounds than others, resulting in dynamic variance. Interpreters are also afforded some expressive freedom with volume, although within extremely quiet dynamic range.
- ③ The instruments should be **amplified extremely subtly** to bring out fine details of the sound, but only when played in large halls. More intimate chamber settings should require no amplification.
- ④ **Dashed, hooked lines** indicate that a playing technique should be **sustained**, whereas **solid lines with arrows** indicate a **gradual transition** from one playing technique to another.
- ⑤ This score follows the notational example of Luigi Nono, who used the familiar, round-arched **fermata** as an orientation point. To **triangulate** the arch indicates to **shorten** the fermata, and to **square** the arch indicates to **lengthen** the fermata. The **addition of arches** increases the relative length or shortness of the fermata. Interpreters are discouraged from developing a timing system for counting the relative length of the fermate. A fermata should be taken as an invitation to wait rather than to count, the shape of the symbol indicating the breadth of the waiting space.

## ② BOWING:

- ① **Bow pressures** are indicated as:
  - a **Flautando**: Light as possible.
  - b **Normale**: Standard bow pressure.
  - c **Overpressure**: As much pressure as possible.

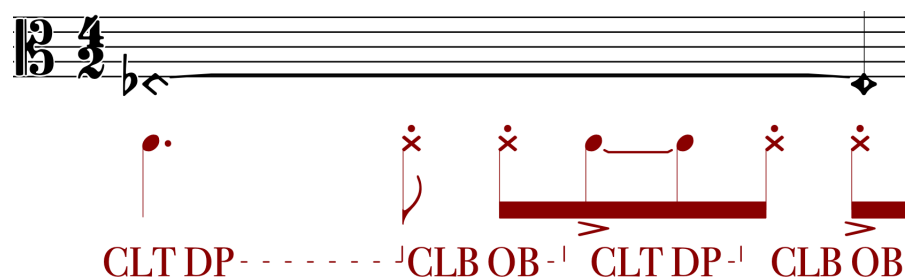
**Scratch**, or scratch-tone, is distinguished from overpressure as a bowing so hard that any pitch associated with the sound is always distorted into noise, whereas there may still be some pitch with overpressure, depending on context.

② **Degrees of spazzolato** are used to indicate a **diagonal bowing**, wherein full spazzolato draws the bow vertically up and down the string, half spazzolato draws the bow diagonally across the string, and normale draws the bow horizontally across the string. Fractions above or below **1/2** spazzolato may be used as approximate bow-draw directions between the three. It is important to note that these directions apply **only to the draw of the bow** and not the direction the bow is pointed. This is indicated with the following symbols:

- (a)  Point the tip of the bow **perpendicular** to the instrument.
- (b)  Point the tip of the bow **towards the bottom of the instrument**.
- (c)  Point the tip of the bow **towards the top of the instrument**.
- (d)  Point the tip of the bow **directly towards the scroll**, parallel with the strings.

Degrees of spazzolato and bow-tip-direction articulations are combined to create distortions of the fingered pitches, resulting in a sound on a spectrum between scraping and moaning.





③ **Red music beneath the staff**, as below, from measure 38 of the viola:



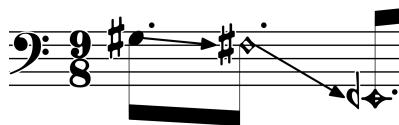
indicates to play either on the bridge (crossed note heads) or behind the bridge (round note heads) with the wood of the bow **while also playing on the string in front of the bridge with the hair of the bow, molto sul ponticello**. This is accomplished with a downward rotation of the bow such that the wood makes contact with the desired area. In some contexts, this motion may disturb the continuity of the sound from the bow hair and strings in front of the bridge. Though this is to be avoided in principle, slight, unavoidable distortions are not unwelcome.

### III NOTE HEADS:

① **Finger pressure of the left hand** is indicated with **note head shapes** as follows:

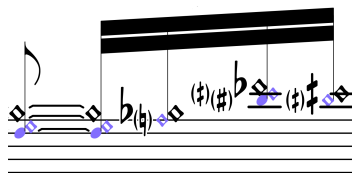
- a  Harmonic pressure (These note heads will be coloured in if they are attached to quarter notes. Otherwise, they are transparent.)
- b  Half harmonic pressure (half notes and larger durations)
- c  Half harmonic pressure (quarter notes and smaller durations)
- d  Percussive actions

② **Transitions between finger pressures** are indicated using arrows between note heads, as bellow, from measure 22 of the cello:



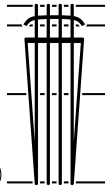
These arrows **double as glissandi** when spanning between two different pitches.

③ **Multiple muting** of the string is accomplished by **fingering two or more places on the same string at once**. This is indicated with **small, blue note heads** beneath the upper node, as bellow, from measure 51 of the second viola:

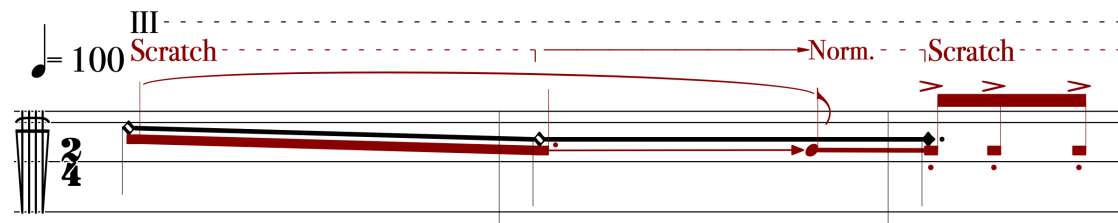


Multiple finger pressures may be used, as in the first and third notes of the above example.

#### ④ STAVES AND CLEFS:



① ——— A four-line staff wherein the bottom line represents the lower end of the finger board, the second line represents halfway up the finger board, the third line represents the bridge, and the fourth line represents the strings behind the bridge. When playing in this clef, two voices are read, as below, from measure 65 of the first violin:

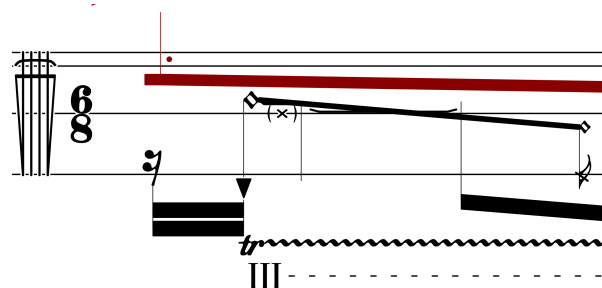


The red voice with upward-pointing stems indicates the actions of the bow in the right hand. The bow is always drawn horizontally, as normal, with different positions on the string. Square-shaped lines and note heads indicate scratch tone, round note-heads indicate normale bowing. Lines with arrows in the staff indicate a transition from scratch tone to normale. Short square-shaped note heads, especially with staccati, indicate only clicks of the bow, whereas elongated square lines indicate continuous scratch tone.

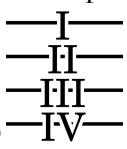
The black voice with downward-pointing stems indicates the actions of the left hand. Cross-shaped noteheads indicate finger percussion, and all other finger-pressure variances noted in **III. 1** apply.

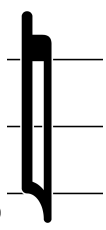
All actions should be performed on the same string, shown above the staff in a spanner. There is an exception to this in measures 45-56 of the first violin, wherein the red spanner above the staff indicates the stringing of the bow, and the black spanners below the staff indicate the stringing of the left hand.

In this idiom, trills appear throughout the score, as below, from measure 49 of the first violin:




The arrow attached to the stem of the first note indicates that for the duration of the trill, the fundamental should be held down, rather than alternated with the trill pitch. In the case of glissandi, the position of the trill pitch relative to the moving fundamental should be maintained. The finger pressure of the trill pitch, indicated by note head shape, should also be noted and maintained through the course of the trill.

- ②  A four-line staff wherein the top line indicates to play on string I, the next on string II, and so on.

- ③  A three-line staff used to indicate bow speed and bow contact points. The top line represents au talon, the center line represents the middle of the bow, and the bottom line represents punta d'arco. When this staff appears above a traditional 5-line staff, the bow should be drawn gradually and evenly between the approximate contact points connected by lines in the bowing staff. The speed of the bow draw is indicated with spatial notation rather than precisely rhythmmed, though it should be synchronised to the notes they vertically align with in the lower staff.

## ⑤ MICROTONES:

① The microtones present in this score are **quarter tones**, a **spectrally derived scale**, and **rational intervals**. Quarter tones are indicated using the following accidentals:

①  A quarter-tone flat

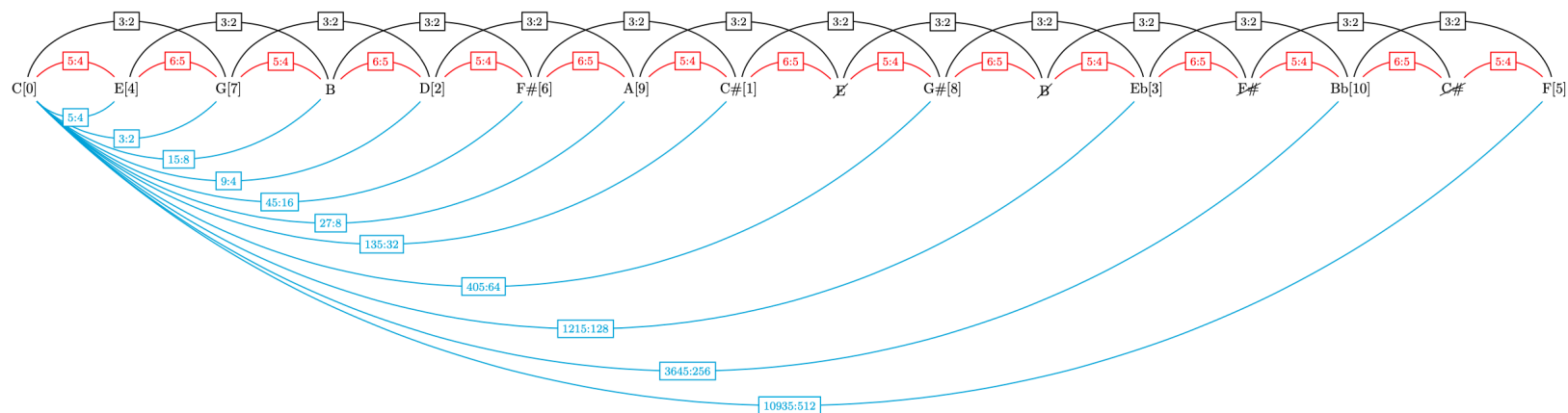
②  A quarter-tone sharp

② A **tuning system derived from spectral analysis of struck metal's overtones** is intermittently present from measures 2-56 of the score. They are indicated with **cent deviations from the equally tempered note in the staff** to be achieved either through the use of electric tuners, or approximated, depending on the resources and discretion of the interpreters. Below is the scale from an **A fundamental**:





③ A just tuning system derived from alternating ratios of 5:4 and 6:5 is intermittently present from measures 60-98 of the score. A chromatic scale was devised by following this ratio pattern, and assigning the lowest appearance of a particular pitch to the final scale. This is illustrated below:



Below are the scales written on a staff as they would be in score, with Helmholtz-Ellis accidentals and cent deviations from equal temperament, as with the scale in V.1.

+0	-8	+4	-4	-14	+0	-10	+2	-6	+6	-2	-12
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1:1	135:128	9:8	1215:1024	5:4 (sounds like ET F)	45:32	3:2	405:256	27:16	3645:2048	15:8
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## VI INTERRUPTIVE POLYPHONY:

- ① Lines emanating from a note within a polyrhythm, as below, from measure 66 of the viola:




indicate to cut off the note approximately where the line ends spatially, rather than hold the note for the entire duration. These lines always terminate at the beginning of the following note in the polyrhythm.

## VII SYMBOLS:

- ①  Damp strings so as to resonate as little as possible.

- ② ①  Draw the bow gradually and evenly from au talon to punta d'arco over the course of the articulated note.

- ② ②  As above, only from punta d'arco to au talon.

**VII.2.a** and **VII.2.b** are to be interpreted “**as possible**,” meaning that in the event a duration is too short to draw across the full length of the bow, the interpreter may choose to either bow as quickly as possible, or to allow the bow to slightly skip off the string as it is fully drawn.

## **VIII** Abbreviations

- ① **CLB:** Col legno battuto
- ② **CLT:** Col legno tratto
- ③ **DP:** Dietro ponticello (play on strings behind the bridge)
- ④ **OB:** On the bridge (play directly on the bridge)
- ⑤ **MSP:** Molto sul ponticello
- ⑥ **SP:** Sul ponticello
- ⑦ **Ord.:** Ordinario (cancels string contact point directions)
- ⑧ **ST:** Sul tasto
- ⑨ **MST:** Molto sul tasto
- ⑩ **Flaut.:** Flautando
- ⑪ **Norm.:** Normale (cancels bow pressure directions)
- ⑫ **OP:** Overpressure
- ⑬ **Scr.:** Scratch
- ⑭ **Spz.:** Spazzolato (vertical bowing, see **II.2**)
- ⑮ **Moltiss.:** Moltissimo
- ⑯ **Poss.:** Possibile (as possible)

String Quartet III *was written for* the JACK Quartet, *who premiered the work at* the University at Buffalo *on January 13th of 2026.*

*to the JACK Quartet*

# String Quartet III

( five patterns )

Trinity Hlynn Prater (\*2000)

Violin 1

MSP- 12:11

♩ = 120

Violin 2

♩ = 120

6:5 4:5

Viola

MSP

♩ = 120

6:7

Violoncello

Bow: II

♩ = 120

Finger Perc.:  $t$

CLT DP

CLB OB

CLB OB

CLT DP

CLB OB

②

*accel. (to ♩ = 100)*

5:6

V1

CLT DP - CLB OB

V2

*accel. (to ♩ = 100)*

5:6

VA

*accel. (to ♩ = 100)*

CLT DP

VC

*accel. (to ♩ = 100)*

diagonal bow, touching bridge for added air sound - - -

③

$\text{♩} = 100$   $12:15$

V1

CLT DP

CLB OB

V2

$\text{♩} = 100$

VA

$\text{♩} = 100$   $8:9$

CLB OB

CLT DP

VC

$\text{♩} = 100$

MSP

$5:4$   $3:2$   $5:4$



⑤

$\text{♩} = 72$

CLT —————  $\frac{1}{2}$  CLT ——— CLT ———

V1

6:4 ————— 4:5 —————

$\text{♩} = 72$

V2

V3

Tailpiece  
norm. ——— OP ——— norm. ——— flaut. ——— OP ——— norm. ——— OP ——— OP ———

diagonal bow,  
touching bridge  
for added air sound

MSP,  $\frac{1}{2}$  hair on strings  
 $\frac{1}{2}$  hair on bridge

VC

7

1/2 CLT - - - 1 CLT - - - 1/2 CLT 1 CLT - - - 1

V1

5:4

3:2

12:11

12:11

V2

VA

flaut.

norm.

OP

OP

all hair on bridge,  
but allowing strings to ring

-34  
+0

-34  
+0

-34  
+0

VC

9

IV *rit. (to ♩ = 86)*

Bow:

V1

10/8

Eng. Perc.: *tr*

*rit. (to ♩ = 86)*

V2

10/8

*rit. (to ♩ = 86)*

1/2 Spz.

Norm.

VA

13/8

10/8

*rit. (to ♩ = 86)*

diagonal bow,  
touching bridge  
for added air sound

VC

10/8

-34  
+8

-34  
+8

-34  
+8

-34  
+8

1/4

3/2

11

V1

V2

VA

VC

7

→ ♩ = 86

→ ♩ = 86

→ ♩ = 86

→ ♩ = 86

1/2 CLT

CLT

1/2 CLT

3:2

5:4

3:2

(Ord.)

3:2

5:4

5:4

MSP

Bowing IV (molto tasto) + Waist - - - - -

Diagonal bow, touching bridge! IV + Waist molto tasto Diagonal bow, touching bridge

-34 -41 -34 -34 +32 -34

V1

CLT

1/2 CLT

V2

6:4

5:4

5:4

3:2

1/2 CLB

3:2

5:4

VA

(MSP)

5:4

3:2

5:4

5:4

3:2

5:4

VC

CLB OB - - - - -

CLT DP - - - CLB OB - - - CLT DP - - - CLB OB - - - CLT DP - - - CLB OB - - - CLT DP - - -



54

54

54

54

18

V1

Bow: IV

Fng. Perc.: 7:8

6 4

III

6 4

rit. (to  $\text{♩} = 60$ )

V2

Bow: III

Fng. Perc.: 5:6

1/4 Spz.

Spz.

3:2

3:2

3:2

VA

Spz.

1/8 Spz.

diagonal bow, touching bridge

VC

+33 -34

+33 -34

+33 -34

+33 -34

+33 -34

+33 -34

rit. (to  $\text{♩} = 60$ )

20

$\text{♩} = 60$

II

V1

$\text{♩} = 60$

IV-  $10:9$

Bow:

F. Perc.:

$10:9$

$\text{♩} = 60$

Spz.  $1/4$  Spz.  $1/2$  Spz.

VA

$\text{♩} = 60$

VC



22

bridge

$\text{CLT} \cdots \cdots \text{1/2 CLT} \cdots \cdots \text{CLT} \text{1/2 CLT} \cdots \cdots \text{CLT} \cdots \cdots \text{1/2 CLT}$

10:9

Tailpiece flaut. → OP

OP → flaut. → norm.

3:2 3:2 5:6

*accel. (to  $\text{♩} = 120$ )*

Score for String Quartet III, measures 24-25.

**V1:** Treble clef. Measure 24: 5/4 time signature. Notes: G4 (quarter), A4 (quarter), B4 (quarter), C5 (quarter), D5 (quarter), E5 (quarter), F#5 (quarter), G5 (quarter). Measure 25: 4/4 time signature. Notes: G5 (quarter), F#5 (quarter), E5 (quarter), D5 (quarter), C5 (quarter), B4 (quarter), A4 (quarter), G4 (quarter). Measure 26: 1/4 time signature. Notes: G4 (quarter), F#4 (quarter), E4 (quarter), D4 (quarter), C4 (quarter), B3 (quarter), A3 (quarter), G3 (quarter).

**V2:** Treble clef. Measure 24: 5/4 time signature. Notes: G4 (quarter), A4 (quarter), B4 (quarter), C5 (quarter), D5 (quarter), E5 (quarter), F#5 (quarter), G5 (quarter). Measure 25: 4/4 time signature. Notes: G5 (quarter), F#5 (quarter), E5 (quarter), D5 (quarter), C5 (quarter), B4 (quarter), A4 (quarter), G4 (quarter). Measure 26: 1/4 time signature. Notes: G4 (quarter), F#4 (quarter), E4 (quarter), D4 (quarter), C4 (quarter), B3 (quarter), A3 (quarter), G3 (quarter).

**VA:** Treble clef. Measure 24: 5/4 time signature. Notes: G4 (quarter), A4 (quarter), B4 (quarter), C5 (quarter), D5 (quarter), E5 (quarter), F#5 (quarter), G5 (quarter). Measure 25: 4/4 time signature. Notes: G5 (quarter), F#5 (quarter), E5 (quarter), D5 (quarter), C5 (quarter), B4 (quarter), A4 (quarter), G4 (quarter). Measure 26: 1/4 time signature. Notes: G4 (quarter), F#4 (quarter), E4 (quarter), D4 (quarter), C4 (quarter), B3 (quarter), A3 (quarter), G3 (quarter).

**VC:** Bass clef. Measure 24: 5/4 time signature. Notes: G3 (quarter), F#3 (quarter), E3 (quarter), D3 (quarter), C3 (quarter), B2 (quarter), A2 (quarter), G2 (quarter). Measure 25: 4/4 time signature. Notes: G3 (quarter), F#3 (quarter), E3 (quarter), D3 (quarter), C3 (quarter), B2 (quarter), A2 (quarter), G2 (quarter). Measure 26: 1/4 time signature. Notes: G3 (quarter), F#3 (quarter), E3 (quarter), D3 (quarter), C3 (quarter), B2 (quarter), A2 (quarter), G2 (quarter).

Tempo markings: *accel. (to  $\text{♩} = 120$ )* are present above the V1, V2, VA, and VC staves.

Performance markings: *CLT* and *1/2 CLT* are marked below the V1 staff. *OP* and *flaut.* are marked above the VA staff. *norm.* is marked above the VC staff.

Measure numbers 24, 25, and 26 are indicated at the beginning of each staff.

On bridge, allowing strings to ring

(26)

V1

1/4

5/4

3/4

CLT

1/2 CLT

CLT

V2

5:4

6:5

VA

flaut.

norm.

OP

On bridge, allowing strings to ring

+16

+0

VC

5:4

6:5

3:2

3:2

3:2

3:2

String Quartet III - Trinity Hlynn Prater

Score for String Quartet III, measures 28-31.

**Violin 1 (V1):** Treble clef, 3/4 time. Measures 28-31 show a melodic line with accidentals (sharps and naturals) and fingerings (+8, -41). A tempo marking of  $\text{♩} = 120$  is present.

**Violin 2 (V2):** Treble clef, 3/4 time. Measures 28-31 show a melodic line with accidentals and fingerings (+8, -41). A tempo marking of  $\text{♩} = 120$  is present.

**Viola (VA):** Alto clef, 3/4 time. Measures 28-31 show a melodic line with accidentals and fingerings (+16, +0). A tempo marking of  $\text{♩} = 120$  is present.

**Violoncello (VC):** Bass clef, 3/4 time. Measures 28-31 show a melodic line with accidentals and fingerings (+16, +0). A tempo marking of  $\text{♩} = 120$  is present.

**Conductor's Baton (CLB):** A line of music with a tempo marking of  $\text{♩} = 120$  and a 3:2 ratio.

**Other markings:** The score includes various musical notations such as accidentals, fingerings, and a 3:2 ratio.

musical score for String Quartet III, page 30. The score is written for four staves: V1 (Violin I), V2 (Violin II), VA (Viola), and VC (Violoncello). The key signature is one sharp (F#), and the time signature is 3/4.

**Staff V1:** Features a melodic line with notes marked with fingerings +8 and +32. Above the staff, the instruction "molto tasto" is written with a dashed line. A bracket indicates a "bowing body" section.

**Staff V2:** Features a melodic line with notes marked with fingerings +8 and +32. Above the staff, the instruction "molto tasto" is written with a dashed line. A bracket indicates a "bowing body" section. The staff also includes a section labeled "Bow:" with a red note and a section labeled "Fng. Perc.:" with a bracket indicating a 10:11 ratio. The staff ends with a 5:4 ratio.

**Staff VA:** Features a melodic line with notes marked with fingerings -41 and +16. Above the staff, the instruction "molto tasto" is written with a dashed line. A bracket indicates a "bowing body" section.

**Staff VC:** Features a melodic line with notes marked with fingerings +8 and +32. Above the staff, the instruction "molto tasto" is written with a dashed line. A bracket indicates a "bowing body" section. The staff ends with a 5:6 ratio.

Score for String Quartet III, page 31. The score is written for four parts: V1 (Violin I), V2 (Violin II), VA (Viola), and VC (Violoncello). The key signature is one sharp (F#) and the time signature is 4/4.

**V1 (Violin I):** The staff shows a sequence of notes with fingerings indicated by numbers in circles. Above the staff, there are performance instructions: "+8 +32" above the first measure, "+8 +32" above the second measure, "+8 +32" above the third measure, and "+8 +32" above the fourth measure. A bracket labeled "+ bowing body - - -" spans the second and third measures.

**V2 (Violin II):** The staff shows a sequence of notes with fingerings indicated by numbers in circles. Above the staff, there are performance instructions: "6:4" above the first measure, "6:4" above the second measure, "6:5" above the third measure, and "3:2" above the fourth measure. A bracket labeled "6:4" spans the first and second measures, and another bracket labeled "6:5" spans the third and fourth measures.

**VA (Viola):** The staff shows a sequence of notes with fingerings indicated by numbers in circles. Above the staff, there are performance instructions: "-41 +39" above the first measure, "-41 +39" above the second measure, and "-41 +39" above the third measure. A bracket labeled "5:4" spans the first and second measures.

**VC (Violoncello):** The staff shows a sequence of notes with fingerings indicated by numbers in circles. Above the staff, there are performance instructions: "6:4" above the first measure, "6:4" above the second measure, "6:5" above the third measure, and "3:2" above the fourth measure. A bracket labeled "6:4" spans the first and second measures, and another bracket labeled "6:5" spans the third and fourth measures.

The musical score for 'The Great Wall' by John Cage is presented in four staves: V1, V2, VA, and VC. The score is divided into two systems, each containing two measures. The notation includes various musical symbols such as notes, rests, and ratios.

**Staff V1:** The first system shows a sequence of notes with ratios  $+8$  and  $+32$ . The second system shows a sequence of notes with ratios  $+8$ ,  $+32$ ,  $-34$ , and  $+8$ .

**Staff V2:** The first system shows a sequence of notes with ratios  $12:11$  and  $6:5$ . The second system shows a sequence of notes with ratios  $5:4$ ,  $5:4$ ,  $5:4$ , and  $5:4$ .

**Staff VA:** The first system shows a sequence of notes with ratios  $+39$  and  $+8$ . The second system shows a sequence of notes with ratios  $+16$  and  $+39$ .

**Staff VC:** The first system shows a sequence of notes with ratios  $6:4$  and  $3:2$ . The second system shows a sequence of notes with ratios  $5:6$ .

rit. (to  $\text{♩} = 72$ )

+8  
-34

+ bowing body - - 7

+8  
+8

+39  
+8

V1

V2

4:5

8:9

3:2

rit. (to  $\text{♩} = 72$ )

IV

rit. (to  $\text{♩} = 72$ )

+33  
+16

+33  
+16

+33  
+16

+ bowing body -

-34

-34

-34

VA

VC

5:4

6:4

rit. (to  $\text{♩} = 72$ )



36

+ bowing body -

+39 +8 +39 +39 +39

V1

V2

VA

VC

72

72

72

72

6:5 3:2 3:2 3:2

+8 +8 +8

The image displays a musical score for 'The Great Wall of China' by Tan Dun, featuring four staves: V1, V2, VA, and VC. The score is written in 4/4 time and includes various musical notations and performance instructions.

**V1 (Violin 1):** The staff begins with a tempo marking of 87 and a key signature of one flat. It features a series of notes, including a half note, a quarter note, and a half note, with a 'Bow:' instruction above the first measure. The staff ends with a double bar line and a repeat sign.

**V2 (Violin 2):** The staff begins with a tempo marking of 87 and a key signature of one flat. It features a series of notes, including a half note, a quarter note, and a half note, with a 'Fng. Perc.: trum' instruction above the first measure. The staff ends with a double bar line and a repeat sign.

**VA (Viola):** The staff begins with a tempo marking of 87 and a key signature of one flat. It features a series of notes, including a half note, a quarter note, and a half note, with a 'MSP' instruction above the first measure. The staff ends with a double bar line and a repeat sign.

**VC (Violoncello):** The staff begins with a tempo marking of 87 and a key signature of one flat. It features a series of notes, including a half note, a quarter note, and a half note, with a 'MSP' instruction above the first measure. The staff ends with a double bar line and a repeat sign.

The score includes various musical notations, including notes, rests, and dynamic markings. It also includes performance instructions such as 'Bow:', 'Fng. Perc.: trum', and 'MSP'. The score is written in 4/4 time and includes a key signature of one flat.



Score for String Quartet III, page 40, measures 12-18.

**V1 (Violin I):** Measures 12-18. Red markings indicate specific notes and rests. A measure rest of 12 is shown at the end.

**V2 (Violin II):** Measures 12-18. Includes markings for *MSP* (Musical Structure Pattern) and *Spz.* (Special). Rhythmic intervals of 3:2, 7:5, 3:2, and 5:4 are indicated. A measure rest of 12 is shown at the end.

**VA (Viola):** Measures 12-18. Includes markings for *CLT DP* (Climax Development Pattern) and *CLB OB* (Climax Obstruction). A measure rest of 12 is shown at the end.

**VC (Violoncello):** Measures 12-18. Includes markings for *bridge* and *MSP*. A measure rest of 12 is shown at the end.

41

CLB

V1

V2

VA

VC

MSP

Spz.

bridge

MSP bridge

+8

-41

8:9

CLT DP

CLB OB

MSP bridge -1

MSP bridge

MSP bridge

MSP bridge

+8

+0

+8

+0

+8

+0

3:2

6:5

4:5

43

45

$\text{♩} = 72$   
 III + IV  
 V

Bow:

V1

Fng. Perc.: IV III III IV

MSP

V2

$\text{♩} = 72$

CLT DP CLB OB

CLT DP CLB OB

VA

$\text{♩} = 72$  bridge

1/2 CLB

tailpiece

VC

$\text{♩} = 72$

47

V1

V2

VA

VC

III

IV

1/2 CLB

MSP 3:2

CLT DP

CLB OB

bridge

tailpiece



49

V1

*rit. (to ♩ = 86)*

III

V2

*rit. (to ♩ = 86)*

1/2 CLB

MSP

CLB OB

CLT DP

CLB OB

VA

*rit. (to ♩ = 86)*

MSP

1/2 CLB

CLT DP

CLB OB

VC

*rit. (to ♩ = 86)*

String Quartet III - Trinity Hlynn Prater

V1

Violin I staff. The first measure is in 3/4 time, and the second is in 5/4 time. A red line is drawn across the staff. The notation includes a slur over the first measure, a 3:2 ratio, and a 3:2 ratio. The second measure has a slur over the first measure, a 3:2 ratio, and a 3:2 ratio. The staff is labeled with 'III' and 'IV'.

V2

Violin II staff. The first measure is in 3/4 time, and the second is in 5/4 time. The notation includes a slur over the first measure, a 3:2 ratio, and a 3:2 ratio. The staff is labeled with 'III' and 'IV'.

VA

Viola staff. The first measure is in 3/4 time, and the second is in 5/4 time. The notation includes a slur over the first measure, a 3:2 ratio, and a 3:2 ratio. The staff is labeled with 'III' and 'IV'.

VC

Violoncello staff. The first measure is in 3/4 time, and the second is in 5/4 time. The notation includes a slur over the first measure, a 3:2 ratio, and a 3:2 ratio. The staff is labeled with 'III' and 'IV'.

52

V1

V2

VA

VC

1/2 CLB

1/2 Spz. → Norm.

1/2 CLB

MSP -

Norm. → 3/4 Spz.

5:6

MSP -

1/2 CLB

3:2

1/2 CLB

tailpiece

CLT DP

CLB OB

Strum

Strum

54

V1

V2

VA

VC

1/2 CLB

bridge

MSP bridge - - -

tailpiece

Strum

5:4

III

IV

1/2 Spz.

3:2

+8

-41

56

Score for String Quartet III, measures 56-57.

**Measures 56-57:**

- V1 (Violin I):** Red notes. Measure 56: quarter rest, quarter note G4, quarter note A4, quarter note B4. Measure 57: quarter note G4, quarter note F#4, quarter note E4, quarter note D4. A 3:2 ratio is indicated between the first and last notes of measure 57.
- V2 (Violin II):** Measure 56: quarter note G#4, quarter note A4, quarter note B4. Measure 57: quarter note G#4, quarter note F#4, quarter note E4, quarter note D4. A 3:2 ratio is indicated between the first and last notes of measure 57.
- VA (Viola):** Measure 56: quarter note G#4, quarter note A4, quarter note B4. Measure 57: quarter note G#4, quarter note F#4, quarter note E4, quarter note D4. A 3:2 ratio is indicated between the first and last notes of measure 57.
- VC (Violoncello):** Measure 56: quarter note G#3, quarter note A3, quarter note B3. Measure 57: quarter note G#3, quarter note F#3, quarter note E3, quarter note D3. A 3:2 ratio is indicated between the first and last notes of measure 57.

**Measure 57 Details:**

- V1:** Red notes. A 3:2 ratio is indicated between the first and last notes of the measure.
- V2:** A 3:2 ratio is indicated between the first and last notes of the measure.
- VA:** A 3:2 ratio is indicated between the first and last notes of the measure.
- VC:** A 3:2 ratio is indicated between the first and last notes of the measure.

**Bridge Section:**

- V1:** Bridge section starting at measure 58. A 3:2 ratio is indicated between the first and last notes of the measure.
- V2:** Bridge section starting at measure 58. A 3:2 ratio is indicated between the first and last notes of the measure.
- VA:** Bridge section starting at measure 58. A 3:2 ratio is indicated between the first and last notes of the measure.
- VC:** Bridge section starting at measure 58. A 3:2 ratio is indicated between the first and last notes of the measure.

**Bridge Section Details:**

- V1:** Bridge section starting at measure 58. A 3:2 ratio is indicated between the first and last notes of the measure.
- V2:** Bridge section starting at measure 58. A 3:2 ratio is indicated between the first and last notes of the measure.
- VA:** Bridge section starting at measure 58. A 3:2 ratio is indicated between the first and last notes of the measure.
- VC:** Bridge section starting at measure 58. A 3:2 ratio is indicated between the first and last notes of the measure.

Score for String Quartet III, page 58, featuring parts for Violin 1 (V1), Violin 2 (V2), Viola (VA), and Violoncello (VC).

**V1 and V2:** Both parts feature a section labeled "1/2 CLB + ST poss." with a 3:2 ratio. The V1 part includes a 6:4 ratio section. The V2 part includes a 5:4 ratio section. Both parts conclude with a section labeled "CLB + SP" with a 6:4 ratio for V1 and a 5:4 ratio for V2.

**VA:** The Viola part is divided into four sections labeled IV, III, II, and I. The IV section has a 5:4 ratio. The III section has a 3:2 ratio. The II section has a 3:2 ratio. The I section has a 3:2 ratio. The part includes a section labeled "(LH silent)" and a section labeled "trmm".

**VC:** The Violoncello part includes a section labeled "Spz." (Spizzicato) and a section labeled "1/2 Spz." (Half Spizzicato). The part concludes with a section labeled "Norm." (Normal).

The score is written in 3/4 time and includes various musical notations such as notes, rests, and dynamic markings.

60

*rit. (to ♩ = 60)*  
ST  
+6  
-14  
8

*♩ = 60*

V1

V2

VA

VC

*rit. (to ♩ = 60)*  
1/2 CLB + ST poss. -

*rit. (to ♩ = 60)*  
I  
6:4

*rit. (to ♩ = 60)*  
ST  
-8  
-10

*♩ = 60*  
MSP  
8  
3:2

*♩ = 60*  
I, DP-  
III, DP-  
II, DP-  
IV, DP-  
6:5

1/2 CLB + ST poss. -  
6:5

3:2

CLB OB 4:5

6:4

4:5

V1

V2

VA

VC

62

*accel. (to  $\text{♩} = 100$ )*

1/2 CLB + ST poss.

6:5

 $\text{♩} = 100$ 

CLB + SP

6:5

*accel. (to  $\text{♩} = 100$ )*

8

 $\text{♩} = 100$ 

6:5

4:5

*accel. (to  $\text{♩} = 100$ )* $\text{♩} = 100$ 

4:5

I, DP

IV, DP

III, DP

I, DP

II, DP

I, DP

*tr**tr**tr* 6:5*accel. (to  $\text{♩} = 100$ )*

CLB + SP

 $\text{♩} = 100$ 

1/2 CLB + ST poss.

8:10

6:5

2/4

2/4

3/4

2/4



65  $\text{♩} = 62$

III-  
Scratch - - - - - Norm. - - - - - Scratch - - - - -

V1  $\frac{3}{4}$   $\frac{5}{4}$

V2  $\frac{3}{4}$   $\frac{5}{4}$

1/2 CLT, MSP  
(hair on bridge,  
wood on string)

1/2 CLT, Ord.  
(hair and wood  
on string)

Scratch  
-12 -12  
+0 +0

ST  
CLT

1/2 CLT

VA  $\frac{3}{4}$   $\frac{5}{4}$

5:4 3:2 3:2 6:4

VC  $\frac{3}{4}$   $\frac{5}{4}$

MST

5:4

III  
Scratch → Norm.

V1

V2

1/2 CLT, Ord.  
(hair and wood  
on string)  
+0  
-2

1/2 CLT, MSP  
(hair on bridge,  
wood on string)  
+0  
-2

Scr. 1/2 CLT, MSP  
(hair on bridge,  
wood on string)  
+0  
-2

Scr. - 1/2 CLT, MSP  
(hair on bridge,  
wood on string)  
+0  
-2

Scr. - Ord.  
(no wood)  
+0  
-2

CLT 1/2 CLT CLT → SP

VA

6:5

4:5

3:2

VC

5:4

3:2

3:2

5:4

MSP

70

(III) Scratch 5:4

IV Scr. → Norm.

5:4 3:2

3/4 5/4 6/8

V1

Scr. - +0 -2 +0 -2 +0

1/2 CLT, MSP (hair on bridge, wood on string)

-2 -6 -2 -6 -2 -6

V2

MSP 3:2

V

3/4 5/4 6/8

VA

CLB OB 6:5

(MSP) 5:4 3:2

V

3/4 5/4 6/8

VC

CLB OB 5:6 6:5

72

(Norm.) → *accel. (to ♯ 137)* *Scratch* II

V1

6/8 6/16 4/4 6/16

5:4

V2

6/8 6/16 4/4 6/16

1/2 CLT, MSP  
(hair on bridge, wood on string)

Scr. -2 -6 -2 -6 -2 -6

1/2 CLT, SP  
(wood and hair on string)

1/2 CLT, MSP  
(hair on bridge, wood on string)

Scr. -6 -2 -6 -2 -6 -2

VA

6/8 6/16 4/4 6/16

*accel. (to ♯ 137)*

5:6 3:2

VC

6/8 6/16 4/4 6/16

*accel. (to ♯ 137)*

ST poss.

5:4 3:2 5:4

75

→ ♩ . = 137

Scratch

IV

V1

6/16 2/4 4/4 6/4

→ ♩ . = 137

1/2 CLT, MSP  
(hair on bridge,  
wood on string)

Scr. - - - - -

+2 +2 +2 +2 +2 +2

-12 -12 -12 -12 -12 -12

V2

6/16 2/4 4/4 6/4

Scr. - - - - -

-6 +2 -6 +2 -6 +2

CLB

10:7

8:7

3:2

3:2

VA

6/16 2/4 4/4 6/4

→ ♩ . = 137

1/2 CLT

10:7

6:4

6:7

3:2

VC

6/16 2/4 4/4 6/4

78

Scratch - 5:6 - Norm.

V1

6/4 10/16 7/8

CLT, SP (hair off bridge)

Scr. +2 -12 +2 -12 +2 -12 +2 -12 +2 -12 +2 -12

4:3 6:5

VA

6/4 10/16 7/8

CLT

VC

6/4 10/16 7/8

5:6 4:5

CLT, SP<sup>-</sup>

+2 -12 +2 -12 +6 +0 +6 +0

V1

V2

VA

VC

MSP

3:2

CLT DP

CLB OB

CLT DP

SP

10:7 6:7 3:2

72

7/8 4/4 3/4

1/2 CLT, MSP  
(hair on bridge, wood on string)

Score for String Quartet III, page 83. The score is written for four staves: V1 (Violin I), V2 (Violin II), VA (Viola), and VC (Violoncello). The key signature is one sharp (F#) and the time signature is 3/4.

**V1 (Violin I):** The staff shows a sequence of notes with fingerings: +6, +0, +6, +0, -14, +6, -14, +6, -14, +6. The notes are grouped into measures with various articulations and slurs.

**V2 (Violin II):** The staff shows a sequence of notes with fingerings: 7, 7(b), 7, 7, 7, 7, 7, 7, 7, 7. The notes are grouped into measures with various articulations and slurs.

**VA (Viola):** The staff shows a sequence of notes with fingerings: 7, 7, 7, 7, 7, 7, 7, 7, 7, 7. The notes are grouped into measures with various articulations and slurs.

**VC (Violoncello):** The staff shows a sequence of notes with fingerings: 5:4, 3:2, 6:5. The notes are grouped into measures with various articulations and slurs.

Additional markings include: 1/2 CLT, MSP (hair on bridge, wood on string); 3:2 MSP; 3:2; 5:4; 3:2; 6:5; and various slurs and articulations.



85

1/2 CLT, Ord., 1/2 Scratch  
(hair and wood on string)

V1

V2

VA

VC

CLB OB

CLB OB

1/2 CLT

Scr. 7

VC

VA

V2

V1

86

II + III, DP-  
CLB

V1

V2

VA

VC

II + III, DP-  
CLB

7:6

3:2

5:6

Scr.

+0 +0 +0 +0 +0 +0 +0 +0

-10 -10 -10 -10 -10 -10 -10 -10

87

$\text{♩} = 120$

V1

V2

VA

VC

1/2 CLB

4:3

5:6

5:6

Scr. - - - - -

-10 -10 -10

-8 -8 -8

-10 -10

-8 -8

V1

|| 10  
8

V2

|| 10  
8

VA

I  
II  
III  
IV || 10  
8

VC

|| 10  
8

91

CLT

V1

$\text{10/8}$   $\text{♩} = 86$

6:5

V2

$\text{10/8}$   $\text{♩} = 86$

4:5

5:4

6:5

VA

$\text{10/8}$   $\text{♩} = 86$

1/2 CLB + ST poss.

8:10

VC

$\text{10/8}$   $\text{♩} = 86$

MSP

5:4

5:4

3:2

CLB OB

5:4

3:2

5:4

3:2

Example 10 is a musical score for four staves: V1, V2, VA, and VC. The score is written in 2/8 time and features various musical notations, including notes, rests, and dynamic markings. Red annotations highlight specific intervals and ratios: 6:5, 5:4, 5:6, 4:3, and 3:2. The VA staff shows a complex rhythmic pattern with many sixteenth notes. The VC staff shows a simple bass line with a few notes.

94 SP moltiss. + scratch

The musical score for measures 94-97 is as follows:

- Measure 94:**
  - V1:** Four vertical lines with a slash, indicating a scratch track.
  - V2:** A half note G<sub>2</sub> (one ledger line below the staff).
  - VA:** A half note G<sub>2</sub> (one ledger line below the staff) with a fermata. Above the staff is a V-shaped bowing mark with an upward-pointing arrow.
  - VC:** A half note G<sub>2</sub> (one ledger line below the staff) with a fermata.
- Measure 95:**
  - V1:** Four vertical lines with a slash, indicating a scratch track.
  - V2:** A half note G<sub>2</sub> (one ledger line below the staff).
  - VA:** A half note G<sub>2</sub> (one ledger line below the staff) with a fermata. Above the staff is a V-shaped bowing mark with an upward-pointing arrow.
  - VC:** A half note G<sub>2</sub> (one ledger line below the staff) with a fermata.
- Measure 96:**
  - V1:** Four vertical lines with a slash, indicating a scratch track.
  - V2:** A half note G<sub>2</sub> (one ledger line below the staff).
  - VA:** A half note G<sub>2</sub> (one ledger line below the staff) with a fermata. Above the staff is a V-shaped bowing mark with an upward-pointing arrow.
  - VC:** A half note G<sub>2</sub> (one ledger line below the staff) with a fermata.
- Measure 97:**
  - V1:** Four vertical lines with a slash, indicating a scratch track.
  - V2:** A half note G<sub>2</sub> (one ledger line below the staff).
  - VA:** A half note G<sub>2</sub> (one ledger line below the staff) with a fermata. Above the staff is a V-shaped bowing mark with an upward-pointing arrow.
  - VC:** A half note G<sub>2</sub> (one ledger line below the staff) with a fermata.

95

SP + vib. moltiss. + 1/2 scratch

CLT

3:2

6:4

V1

V2

VA

VC



*Dreams About Ghosts*

37"

97

V1

-10

*Changes in bow speed may result in slight distortions of the tone. This is desired. The left hand position need not be adjusted to accomodate this.*

V2

*Changes in bow speed may result in slight distortions of the tone. This is desired. The left hand position need not be adjusted to accomodate this.*

VA

*Changes in bow speed may result in slight distortions of the tone. This is desired. The left hand position need not be adjusted to accomodate this.*

VC

*Changes in bow speed may result in slight distortions of the tone. This is desired. The left hand position need not be adjusted to accomodate this.*

$\times 3$   
*rit. moltiss. sempre*

98

V1  $\text{♩} = 58$   $\text{♩} = 87$  10/8

V2  $\text{♩} = 58$  norm. -12 -12 -12  $\rightarrow 3/4$  scratch 5/4 10/8

VA  $\text{♩} = 58$   $\text{♩} = 87$  10/8

VC  $\text{♩} = 58$  1/2 CLT -14 -14 -14 10:9 -14 -14  $\text{♩} = 87$  1/2 CLB -6:5 CLB 10/8

String Quartet III - Trinity Hlynn Prater

Score for String Quartet III, page 100. The score is for five parts: V1 (Violin I), V2 (Violin II), VA (Viola), VC (Violoncello), and V3 (Violoncello). The score is divided into two systems. The first system is in 10/8 time, and the second system is in 2/4 time. The score includes various musical notations such as notes, rests, and accidentals. Red annotations highlight specific intervals: 6:5 and 7:8. A bracket labeled (IV) spans the first system, and a bracket labeled I spans the second system. The score also includes a 6:5 interval bracket in the first system and a 7:8 interval bracket in the second system.

102

*rit. (to ♩ = 52)*

bridge -

V1

V2

VA

VC

*rit. (to ♩ = 52)*

(IV) - - - - -

*rit. (to ♩ = 52)*

*rit. (to ♩ = 52)*

IV, MST, bowing string + waist - - - - -

MSP - 3:2

CLT DP - 3:2

CLB OB - 5:4

CLT DP -

CLB OB - 6:4

CLT DP

MSP - 5:4

CLT DP - 5:4

CLB OB -

CLT DP -

CLB OB

V1  
 V2  
 VA  
 VC

7/4  
 7/4  
 7/4  
 7/4

5:4  
 CLB  
 OB  
 CLT DP

5:4  
 3:2  
 CLT DP

**CLT DP -** 0.4  
*Interruptive polyphony: Lower voice stops when interrupted by upper voice, and does not resume until next notated attack.*

CLB OB

5:4

3:2

3:4

6:4

5:4

CLT DP

Interruptive polyphony: Lower voice stops when interrupted by upper voice, and does not resume until next notated attack.

V1

V2

VA

VC

V1

V2

VA

VC



V1 7/4 5/4 5/4 5/4

V2 7/4 5/4

VA 7/4 5/4

VC 7/4 5/4

3:2 5:6 6:4 5:4 3:2

CLT DP-

CLT DP-

CLT DP-

CLT DP-

CLB OB-

CLB OB-

CLB OB-

CLT DP-

10:7 3:2 3:2 3:2 6:7



Score for String Quartet III, page 116, measures 116-121. The score is written for four parts: V1 (Violin I), V2 (Violin II), VA (Viola), and VC (Violoncello). The key signature is two flats (B-flat and E-flat), and the time signature is 3/4.

**Measure 116:**

- V1:** A melodic line starting on G4, moving up stepwise to D5. A bracket above the first four notes indicates a 3:2 ratio.
- V2:** A whole note G3.
- VA:** A whole note G3.
- VC:** A complex rhythmic pattern of eighth notes. Brackets below indicate 3:2 and 5:4 ratios. The pattern includes a "CLT DP" (Climax Development) marking.

**Measure 117:**

- V1:** A melodic line starting on D5, moving down stepwise to G4. A bracket above the first four notes indicates a 5:4 ratio.
- V2:** A whole note G3.
- VA:** A whole note G3.
- VC:** A complex rhythmic pattern of eighth notes. Brackets below indicate 3:2 and 5:4 ratios. The pattern includes a "CLB OB" (Climax Break) marking.

**Measure 118:**

- V1:** A melodic line starting on G4, moving up stepwise to D5. A bracket above the first four notes indicates a 3:2 ratio.
- V2:** A whole note G3.
- VA:** A whole note G3.
- VC:** A complex rhythmic pattern of eighth notes. Brackets below indicate 3:2 and 5:4 ratios. The pattern includes a "CLT DP" (Climax Development) marking.

**Measure 119:**

- V1:** A melodic line starting on D5, moving down stepwise to G4. A bracket above the first four notes indicates a 5:4 ratio.
- V2:** A whole note G3.
- VA:** A whole note G3.
- VC:** A complex rhythmic pattern of eighth notes. Brackets below indicate 3:2 and 5:4 ratios. The pattern includes a "CLT DP" (Climax Development) marking.

**Measure 120:**

- V1:** A melodic line starting on G4, moving up stepwise to D5. A bracket above the first four notes indicates a 3:2 ratio.
- V2:** A whole note G3.
- VA:** A whole note G3.
- VC:** A complex rhythmic pattern of eighth notes. Brackets below indicate 3:2 and 5:4 ratios. The pattern includes a "CLT DP" (Climax Development) marking.

**Measure 121:**

- V1:** A melodic line starting on D5, moving down stepwise to G4. A bracket above the first four notes indicates a 5:4 ratio.
- V2:** A whole note G3.
- VA:** A whole note G3.
- VC:** A complex rhythmic pattern of eighth notes. Brackets below indicate 3:2 and 5:4 ratios. The pattern includes a "CLT DP" (Climax Development) marking.

V1  
 V2  
 VA  
 VC

5:6  
 3:2  
 4:3  
 5:6

CLB OB  
 CLT DP  
 CLB OB  
 CLT DP  
 CLB OB  
 CLT DP

*Interruptive polyphony: Lower voice stops when interrupted by upper voice, and does not resume until next notated attack.*

Score for String Quartet III, page 119, featuring four staves: V1, V2, VA, and VC. The score is divided into two measures by a vertical line.

**V1:** The first measure contains a 5:4 ratio bracketed over the first five notes, followed by a 6:4 ratio bracketed over the last five notes. The second measure contains a 5:4 ratio bracketed over the first five notes, followed by a 6:4 ratio bracketed over the last five notes.

**V2:** The first measure contains a 3:2 ratio bracketed under the first five notes, followed by a 3:2 ratio bracketed under the last five notes. The second measure contains a 3:2 ratio bracketed under the first five notes, followed by a 3:2 ratio bracketed under the last five notes. The notation includes labels "CLT DP" and "CLB OB" with arrows indicating specific notes.

**VA:** The first measure contains a 3:2 ratio bracketed under the first five notes, followed by a 3:2 ratio bracketed under the last five notes. The second measure contains a 3:2 ratio bracketed under the first five notes, followed by a 3:2 ratio bracketed under the last five notes.

**VC:** The first measure contains a 5:4 ratio bracketed over the first five notes, followed by a 3:2 ratio bracketed under the last five notes. The second measure contains a 5:4 ratio bracketed over the first five notes, followed by a 3:2 ratio bracketed under the last five notes.



# AFTERWORD

“ . . . WENN IN REICHER STILLE . . .  
“SCHATTEN STUMMES REICH, . . .”

- Friedrich Hölderlin

“ . . . One evening . . . a fellow prisoner rushed in and asked us to run out to the assembly grounds and see the wonderful sunset. Standing outside we saw sinister clouds glowing in the west and the whole sky alive with clouds of ever-changing shapes and colors, from steel blue to blood red. The desolate great mud huts provided a sharp contrast, while the puddles on the muddy ground reflected the glowing sky. Then, after minutes of moving silence, one prisoner said to another, ‘How beautiful the world *could* be!’”

- Viktor Frankl