

2.39:1

Flute, Violin, Viola, Cello

Myles Kellerman

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For flute, violin, viola, and cello

(2022)

Approximate duration: 5'45"

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Composed for *Ensemble Dal Niente*

Program Note:

2.39:1 is a piece that deals directly with durational lengths of various notes as well as transformations away from and returning to a given pitch class set. Throughout the piece there are layers of glue that contradict the rhythmic scheme of a given moment. Their rhythmic content reflects the lengths of the sections themselves across the entire piece.

The title is a reference to the "John Carpenter aspect ratio".

Notation:

Accidentals carry through the measure.

Sections with sustained gestures, mm23-21/mm74-81 should have attacks for every note.

Lengths of the "short" fermatas are determined on a local scale and the given gestures surrounding them.

2.39:1

For Ensemble Dal Niente

Myles Kellerman

Flute $\text{♩} = 92$
cantabile
p *f*
cantabile

Violin *mf* *sub. p*

Viola *espress.*
mf *sub. p*

Cello *espress.*
pizz. o
f

4
Fl. *p*

Vln. *espress.*
f *mf*

Vla.

Vc. *mf*

Musical score for measures 7-9. The score is written for four staves: Flute (Fl.), Violin (Vln.), Viola (Vla.), and Violoncello (Vc.).

- Flute (Fl.):** Measures 7-9. A long slur covers measures 7-8. Dynamics: *f* (measures 7-8), *p* (measure 9), *f* (end of measure 9). *espress.* (measure 9).
- Violin (Vln.):** Measures 7-9. Dynamics: *p* (measure 7).
- Viola (Vla.):** Measures 7-9. Dynamics: *mf* (measures 7-8), *p* (measure 9).
- Violoncello (Vc.):** Measures 7-9. Dynamics: *p* (measures 7-8), *f* (measure 9).

Musical score for measures 10-12. The score is written for four staves: Flute (Fl.), Violin (Vln.), Viola (Vla.), and Violoncello (Vc.).

- Flute (Fl.):** Measures 10-12. Dynamics: *p* (measure 10), *f* (measures 10-11), *p* (measure 11), *f* (measure 12), *mp* (measure 12).
- Violin (Vln.):** Measures 10-12. Dynamics: *f* (measures 10-12). *cantabile* (measure 10).
- Viola (Vla.):** Measures 10-12. Dynamics: *f* (measures 10-11), *p* (measure 12).
- Violoncello (Vc.):** Measures 10-12. Dynamics: *p* (measures 10-11), *f* (measure 12).

13

Fl. *f*

Vln. *leggiero*
mp

Vla. *mf*

Vc.

16

Fl. *mf*

Vln. *espress.*
mf

Vla.

Vc. *espress. arco*
p *f*

Musical score for measures 19-21. The score is arranged in four staves: Flute (Fl.), Violin (Vln.), Viola (Vla.), and Violoncello (Vc.).

- Fl.:** Measure 19 starts with a treble clef and a key signature of one sharp (F#). The melody begins with a quarter note G4, followed by eighth notes A4, B4, and C5. Measure 20 continues with a half note D5 and a quarter note E5. Measure 21 features a series of eighth notes: F#5, G5, A5, B5, C6, D6, E6, F#6, G6, A6, B6, C7, D7, E7, F#7, G7, A7, B7, C8.
- Vln.:** Measure 19 starts with a treble clef and a key signature of one sharp. The melody begins with a quarter note G4, followed by eighth notes A4, B4, and C5. Measure 20 continues with a half note D5 and a quarter note E5. Measure 21 features a series of eighth notes: F#5, G5, A5, B5, C6, D6, E6, F#6, G6, A6, B6, C7, D7, E7, F#7, G7, A7, B7, C8.
- Vla.:** Measure 19 starts with a bass clef and a key signature of one sharp. The melody begins with a quarter note G3, followed by eighth notes A3, B3, and C4. Measure 20 continues with a half note D4 and a quarter note E4. Measure 21 features a series of eighth notes: F#4, G4, A4, B4, C5, D5, E5, F#5, G5, A5, B5, C6, D6, E6, F#6, G6, A6, B6, C7, D7, E7, F#7, G7, A7, B7, C8.
- Vc.:** Measure 19 starts with a bass clef and a key signature of one sharp. The melody begins with a quarter note G2, followed by eighth notes A2, B2, and C3. Measure 20 continues with a half note D3 and a quarter note E3. Measure 21 features a series of eighth notes: F#3, G3, A3, B3, C4, D4, E4, F#4, G4, A4, B4, C5, D5, E5, F#5, G5, A5, B5, C6, D6, E6, F#6, G6, A6, B6, C7, D7, E7, F#7, G7, A7, B7, C8.

Dynamic markings: *mp* (mezzo-piano) for Fl. and Vln. in measures 19-21; *p* (piano) for Vc. in measure 20; *mf* (mezzo-forte) for Vln. and Vla. in measure 21.

Musical score for measures 22-23. The score is arranged in four staves: Flute (Fl.), Violin (Vln.), Viola (Vla.), and Violoncello (Vc.).

- Fl.:** Measure 22 starts with a treble clef and a key signature of one sharp. The melody begins with a quarter note G4, followed by eighth notes A4, B4, and C5. Measure 23 continues with a half note D5 and a quarter note E5. Measure 24 features a series of eighth notes: F#5, G5, A5, B5, C6, D6, E6, F#6, G6, A6, B6, C7, D7, E7, F#7, G7, A7, B7, C8.
- Vln.:** Measure 22 starts with a treble clef and a key signature of one sharp. The melody begins with a quarter note G4, followed by eighth notes A4, B4, and C5. Measure 23 continues with a half note D5 and a quarter note E5. Measure 24 features a series of eighth notes: F#5, G5, A5, B5, C6, D6, E6, F#6, G6, A6, B6, C7, D7, E7, F#7, G7, A7, B7, C8.
- Vla.:** Measure 22 starts with a bass clef and a key signature of one sharp. The melody begins with a quarter note G3, followed by eighth notes A3, B3, and C4. Measure 23 continues with a half note D4 and a quarter note E4. Measure 24 features a series of eighth notes: F#4, G4, A4, B4, C5, D5, E5, F#5, G5, A5, B5, C6, D6, E6, F#6, G6, A6, B6, C7, D7, E7, F#7, G7, A7, B7, C8.
- Vc.:** Measure 22 starts with a bass clef and a key signature of one sharp. The melody begins with a quarter note G2, followed by eighth notes A2, B2, and C3. Measure 23 continues with a half note D3 and a quarter note E3. Measure 24 features a series of eighth notes: F#3, G3, A3, B3, C4, D4, E4, F#4, G4, A4, B4, C5, D5, E5, F#5, G5, A5, B5, C6, D6, E6, F#6, G6, A6, B6, C7, D7, E7, F#7, G7, A7, B7, C8.

Dynamic markings: *mf* (mezzo-forte) for Fl. in measure 22; *f* (forte) for Vln., Vla., and Vc. in measure 23; *pesante* (heavy) for Fl., Vln., Vla., and Vc. in measure 24.

25

Fl. *p* *pp* *f*

Vln. *p* *pp* *f*

Vla. *p* *pp* *f*

Vc. *p* *pp* *f*

Detailed description: This system contains measures 25, 26, and 27. The Flute part begins with a half note G4 (marked *p*), followed by a whole rest in measure 26, and a half note G4 (marked *pp*) in measure 27. The Violin, Viola, and Violoncello parts all play a half note G4 in measure 25, followed by a whole rest in measure 26, and a half note G4 (marked *pp*) in measure 27. A crescendo hairpin spans from measure 25 to 27, reaching *f* at the end of measure 27.

28

Fl. *pp* *p* *f*

Vln. *pp* *p* *f*

Vla. *pp* *p* *f*

Vc. *pp* *p* *f*

Detailed description: This system contains measures 28, 29, and 30. The Flute part has a whole rest in measure 28, another whole rest in measure 29, and a half note G#4 (marked *pp*) in measure 30. The Violin, Viola, and Violoncello parts all play a half note G4 in measure 28, followed by a whole rest in measure 29, and a half note G#4 (marked *pp*) in measure 30. A crescendo hairpin spans from measure 28 to 30, reaching *f* at the end of measure 30.

32 *animato*

Fl. *sub. p*

Vln. *sub. p*

Vla. *animato*
mf *mp*

Vc. *animato*
mf *mp*

35

Fl. *f*

Vln. *f* *p*

Vla. *p*

Vc. *p* *f* *pizz.*

38

Fl.

Vln.

Vla.

Vc.

mp

con brio

mf *f*

mf

41

Fl.

Vln.

Vla.

Vc.

arco

mf

rit. -----

44

Fl.

Vln.

Vla.

Vc.

mf

f

espress.

mf

46

Fl.

Vln.

Vla.

Vc.

a tempo

mf

shorter

short

shorter

shortest

mf

mp

pp

pp

misterioso

shorter

short

shorter

shortest

mf

mp

pp

pp

misterioso

short

shorter

shortest

mf

mp

pp

pp

misterioso

48

50

Fl.

Vln.

Vla.

Vc.

mp

54

Fl.

Vln.

Vla.

Vc.

short

mf

59 61

Fl. *f* *mf*

Vln. *f* *mf* *mf* *animato*

Vla. *f* *mf*

Vc. *f* *mf*

62

Fl. *mf* *animato*

Vln. *mf* *animato*

Vla. *mf* *animato*

Vc.

65

Fl.

Vln.

Vla.

Vc.

animato

mf

68

Fl.

Vln.

Vla.

Vc.

p

71

Fl.

Vln.

Vla.

Vc.

74

misterioso

Fl.

pp *p*

Vln.

misterioso

pp *p*

Vla.

misterioso

pp *p*

Vc.

misterioso

pp *p*

77

Fl. *pp* *mf*

Vln. *pp* *mf*

Vla. *pp* *mf*

Vc. *pp* *mf*

80

Fl. *f* *sub. p* **82** *cantabile*

Vln. *f*

Vla. *f*

Vc. *f* *mf* *espress.* *mp*

83

Fl.

Vln.

Vla.

Vc.

espress.

f

mf

86

Fl.

Vln.

Vla.

Vc.

cantabile

mf

p

f

p

89 *espress.*
f

Vln.

Vla. *mf* *espress.* *mp*

Vc. *p*

92 *mf*

Vln. *p*

Vla.

Vc.

95

Musical score for measures 95-97. The score is for four instruments: Flute (Fl.), Violin (Vln.), Viola (Vla.), and Violoncello (Vc.).

- Fl.:** Measures 95-97 feature a melodic line with accents (>) and slurs. Measure 95 starts with a forte (*f*) dynamic and a pizzicato (*pizz.*) instruction. Measure 97 ends with a fermata and a forte (*f*) dynamic.
- Vln.:** Measures 95-97 feature a melodic line with accents (>) and slurs. Measure 95 starts with a forte (*f*) dynamic. Measure 96 includes an arco instruction. Measure 97 ends with a fermata and a forte (*f*) dynamic.
- Vla.:** Measures 95-97 feature a melodic line with accents (>) and slurs. Measure 95 starts with a forte (*f*) dynamic and a pizzicato (*pizz.*) instruction. Measure 96 includes an arco instruction. Measure 97 ends with a fermata and a forte (*f*) dynamic.
- Vc.:** Measures 95-97 feature a melodic line with accents (>) and slurs. Measure 95 starts with a forte (*f*) dynamic and a pizzicato (*pizz.*) instruction. Measure 96 includes an arco instruction. Measure 97 ends with a fermata and a forte (*f*) dynamic.

Musical score for measures 98-100. The score is for four instruments: Flute (Fl.), Violin (Vln.), Viola (Vla.), and Violoncello (Vc.).

- Fl.:** Measures 98-100 feature a melodic line with accents (>) and slurs. Measure 98 starts with a forte (*f*) dynamic. Measure 100 ends with a fermata and a forte (*f*) dynamic.
- Vln.:** Measures 98-100 feature a melodic line with accents (>) and slurs. Measure 98 starts with a forte (*f*) dynamic and a pizzicato (*pizz.*) instruction. Measure 100 includes an arco instruction and ends with a fermata and a forte (*f*) dynamic.
- Vla.:** Measures 98-100 feature a melodic line with accents (>) and slurs. Measure 98 starts with a forte (*f*) dynamic. Measure 100 ends with a fermata and a forte (*f*) dynamic.
- Vc.:** Measures 98-100 feature a melodic line with accents (>) and slurs. Measure 98 starts with a forte (*f*) dynamic and an arco instruction. Measure 100 includes a pizzicato (*pizz.*) instruction and ends with a fermata and a forte (*f*) dynamic.

101

Fl.

Vln.

Vla.

Vc.

pizz.

arco

104

105

Fl.

Vln.

Vla.

Vc.

arco

f

107

Fl.

Vln.

Vla.

Vc.

short

110

Fl.

cantabile

f *p*

Vln.

f *f*

Vla.

f *mf*

Vc.

f *mf*

113

Fl. *espress.*
p

Vln. *p*

Vla. *f*

Vc. *mp*

116

Fl. *mf*

Vln. *mf*

Vla. *mf*

Vc. *mf*

121

cantabile

Musical score for measures 119-121, featuring Flute (Fl.), Violin (Vln.), Viola (Vla.), and Violoncello (Vc.). The score is in 4/4 time and includes dynamic markings such as *mp* and *p*. The Flute part is marked *cantabile*. The strings play a rhythmic accompaniment.

Musical score for measures 122-124, featuring Flute (Fl.), Violin (Vln.), Viola (Vla.), and Violoncello (Vc.). The score is in 4/4 time and includes dynamic markings such as *f* and *sub. p*. The Flute part is marked *f*. The strings play a rhythmic accompaniment.

125 *espress.*
f

Fl.
Vln.
Vla.
Vc.

f

Detailed description: This system contains measures 125 and 126. The Flute part (Fl.) features a melodic line with slurs and accents, marked *espress.* and *f*. The Violin part (Vln.) has a rhythmic accompaniment of eighth notes, with a crescendo leading to a *f* dynamic. The Viola part (Vla.) has a melodic line with slurs and accents. The Violoncello part (Vc.) has a bass line with slurs and accents. A vertical bar line is present between measures 125 and 126.

127
mf

Fl.
Vln.
Vla.
Vc.

mf *f*

Detailed description: This system contains measures 127 and 128. The Flute part (Fl.) continues the melodic line, marked *mf* and *f*. The Violin part (Vln.) continues the rhythmic accompaniment, marked *mf* and *f*. The Viola part (Vla.) continues the melodic line, marked *mf* and *f*. The Violoncello part (Vc.) continues the bass line, marked *mf* and *f*. A vertical bar line is present between measures 127 and 128.

129

Musical score for measures 129-130. The score is for four instruments: Flute (Fl.), Violin (Vln.), Viola (Vla.), and Violoncello (Vc.). The key signature has one flat (B-flat). The time signature is 4/4. The dynamics are marked *sub. p* (subito piano) for all instruments. The Flute part features a melodic line with slurs and a B-flat in the final measure. The Violin part has a similar melodic line. The Viola part plays a rhythmic accompaniment with slurs. The Violoncello part also has a melodic line with slurs. The word *arco* is written above the first measure of the Viola part.

Musical score for measures 131-134. The score is for four instruments: Flute (Fl.), Violin (Vln.), Viola (Vla.), and Violoncello (Vc.). The key signature has one flat (B-flat). The time signature is 4/4. The dynamics are marked *ff* (fortissimo) for all instruments starting in measure 133. The Flute part features a melodic line with slurs and a B-flat in the final measure. The Violin part has a similar melodic line. The Viola part plays a rhythmic accompaniment with slurs and a *pizz.* (pizzicato) marking in measure 131. The Violoncello part also has a melodic line with slurs. The word *arco* is written above the first measure of the Viola part.

