

Marco Buongiorno Nardelli

Numeric return Points

for string quartet

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*To M. Pablo Colino,
for having disclosed to me the magic of numbers in music*

1. Solitude of the group

Andante

Violin 1 *mf*

Violin 2 *mf*

Viola

Cello

Vln. 1

Vln. 2

Vla.

Vlc. *mf*

Vln. 1

Vln. 2

Vla. *mf*

Vlc.

19

Vln. 1

Vln. 2

Vla.

Vlc.

5

25

Vln. 1

Vln. 2

Vla.

Vlc.

31

Vln. 1

Vln. 2

Vla.

Vlc.

36

Vln. 1

Vln. 2

Vla.

Vlc.

Measures 36-40. Vln. 1: Treble clef, key signature of one sharp (F#). Measures 36-40 show a melodic line with slurs. Vln. 2: Treble clef, key signature of one sharp. Measures 36-40 show a more active line with slurs. Vla.: Bass clef, key signature of one sharp. Measures 36-40 are mostly silent. Vlc.: Bass clef, key signature of one sharp. Measures 36-40 show a steady bass line with slurs.

41

Vln. 1

Vln. 2

Vla.

Vlc.

Measures 41-45. Vln. 1: Treble clef, key signature of one sharp. Measures 41-45 show a melodic line with slurs. Vln. 2: Treble clef, key signature of one sharp. Measures 41-45 show a more active line with slurs. Vla.: Bass clef, key signature of one sharp. Measures 41-45 show a steady bass line with slurs. Vlc.: Bass clef, key signature of one sharp. Measures 41-45 show a steady bass line with slurs.

46

Vln. 1

Vln. 2

Vla.

Vlc.

Measures 46-50. Vln. 1: Treble clef, key signature of one sharp. Measures 46-50 show a melodic line with slurs. Vln. 2: Treble clef, key signature of one sharp. Measures 46-50 show a more active line with slurs. Vla.: Bass clef, key signature of one sharp. Measures 46-50 show a steady bass line with slurs. Vlc.: Bass clef, key signature of one sharp. Measures 46-50 show a steady bass line with slurs. A forte (*f*) dynamic marking is present in measure 48.

51

Vln. 1

Vln. 2

Vla.

Vlc.

55

Vln. 1

Vln. 2

Vla.

Vlc.

p

mf

p

mf

p

mf

f

mf

61

Vln. 1

Vln. 2

Vla.

Vlc.

66

Vln. 1

Vln. 2

Vla.

Vlc.

71

Vln. 1

Vln. 2

Vla.

Vlc.

f *p*

f *p*

f *p*

f *p*

75

senza rallentare

Vln. 1

Vln. 2

Vla.

Vlc.

f *ff*

f *ff*

f *ff*

f *ff*

2. Abstraction of the imagination

Vivace
pizz.

Violin 1

Violin 2 *mf*

Viola *f*

Cello *mf*

Vln. 1

Vln. 2

Vla.

Vlc.

9

13

Vln. 1

Vln. 2

Vla.

Vlc.

This system contains measures 13 through 16 of the piece. It features four staves: Violin 1 (Vln. 1), Violin 2 (Vln. 2), Viola (Vla.), and Violoncello (Vlc.). The key signature has one flat (B-flat). Measures 13 and 14 show complex melodic lines in the violins and viola, with triplets in the cello. Measures 15 and 16 continue these patterns with various accidentals and triplet markings.

17

Vln. 1

Vln. 2

Vla.

Vlc.

This system contains measures 17 through 20. The instrumentation remains the same. Measures 17 and 18 show the violins and viola playing more active melodic lines, while the cello provides a steady accompaniment with triplets. Measures 19 and 20 continue the melodic development in the upper strings.

21

Vln. 1

Vln. 2

Vla.

Vlc.

This system contains measures 21 through 24. Measures 21 and 22 show the violins and viola with more complex melodic figures, including some double flats. The cello continues with triplet patterns. Measures 23 and 24 conclude the system with sustained notes and triplet markings.

25

Vln. 1

Vln. 2

Vla.

Vlc.

29

Vln. 1

Vln. 2

Vla.

Vlc.

arco

ff

f

mf pizz

33

Vln. 1

Vln. 2

Vla.

Vlc.

37

Vln. 1

Vln. 2

Vla.

Vlc.

This system contains measures 37 through 40. The first violin (Vln. 1) and second violin (Vln. 2) parts feature eighth-note patterns with various accidentals. The viola (Vla.) part consists of eighth-note triplets. The cello (Vlc.) part features a steady eighth-note accompaniment. Measure 37 starts with a treble clef and a key signature of one sharp (F#). Measure 38 has a key signature change to one flat (Bb). Measure 39 has a key signature change to two flats (Bb, Eb). Measure 40 has a key signature change to two sharps (F#, C#).

41

Vln. 1

Vln. 2

Vla.

Vlc.

This system contains measures 41 through 44. The first violin (Vln. 1) and second violin (Vln. 2) parts continue with eighth-note patterns. The viola (Vla.) part continues with eighth-note triplets. The cello (Vlc.) part continues with eighth-note accompaniment. Measure 41 has a key signature of two sharps (F#, C#). Measure 42 has a key signature of two flats (Bb, Eb). Measure 43 has a key signature of one flat (Bb). Measure 44 has a key signature of one sharp (F#).

45

Vln. 1

Vln. 2

Vla.

Vlc.

This system contains measures 45 through 48. The first violin (Vln. 1) and second violin (Vln. 2) parts continue with eighth-note patterns. The viola (Vla.) part continues with eighth-note triplets. The cello (Vlc.) part continues with eighth-note accompaniment. Measure 45 has a key signature of one sharp (F#). Measure 46 has a key signature of one flat (Bb). Measure 47 has a key signature of two flats (Bb, Eb). Measure 48 has a key signature of two sharps (F#, C#).

49

Vln. 1

Vln. 2

Vla.

Vlc.

Measures 49-52. Vln. 1 and 2 have triplets. Vla. has triplets. Vlc. has a triplet in measure 49 and then chords.

53

Vln. 1

Vln. 2

Vla.

Vlc.

Measures 53-57. Vln. 1 and 2 have triplets. Vla. has triplets. Vlc. has a triplet in measure 53 and then chords.

58

Vln. 1

Vln. 2

Vla.

Vlc.

Measures 58-61. Vln. 1 and 2 have triplets. Vla. has triplets. Vlc. has a triplet in measure 58 and then chords. Dynamics: *ff*, *ff*, *ff* arco, *ff*.

3. Linearity of thought

Adagio non troppo

Violin 1

Violin 2

Viola

Cello

mp

Con sord.

mp

8

Vln. 1

Vln. 2

Vla.

Vlc.

Con sord.

mp

15

Vln. 1

Vln. 2

Vla.

Vlc.

p

p

p

Detailed description: This musical score is for a piece titled '3. Linearity of thought' in 4/4 time, marked 'Adagio non troppo'. It features four staves: Violin 1, Violin 2, Viola, and Cello. The first system (measures 1-7) shows the Cello and Viola playing a melodic line with a mezzo-piano (*mp*) dynamic, while the Violins are silent. The Viola part is marked 'Con sord.' (con sordina). The second system (measures 8-14) introduces the Violins, which play a melodic line with a mezzo-piano (*mp*) dynamic, also marked 'Con sord.'. The Viola and Cello continue their melodic lines. The third system (measures 15-21) shows a change in dynamics to piano (*p*) for all instruments. The Violins play a more active, rhythmic line, while the Viola and Cello provide harmonic support. The Viola part remains marked 'Con sord.'.

21

Vln. 1

Vln. 2

Vla.

Vlc.

mp

mp

mf

Measures 21-27. Vln. 1 and 2 play a melodic line with a crescendo to *mp*. Vla. plays a sustained note with a crescendo to *mp*. Vlc. plays a bass line with a crescendo to *mf*.

28

Vln. 1

Vln. 2

Vla.

Vlc.

mf

mp

Measures 28-34. Vln. 1 and 2 play a melodic line with a crescendo to *mf*. Vla. plays a sustained note with a crescendo to *mp*. Vlc. plays a bass line with a crescendo to *mp*.

35

Vln. 1

Vln. 2

Vla.

Vlc.

p

p

p

p

Measures 35-41. Vln. 1 and 2 play a melodic line with a crescendo to *p*. Vla. plays a sustained note with a crescendo to *p*. Vlc. plays a bass line with a crescendo to *p*.

42

Vln. 1

Vln. 2

Vla.

Vlc.

48

Vln. 1

Vln. 2

Vla.

Vlc.

mp

mp

mp

55

Vln. 1

Vln. 2

Vla.

Vlc.

mf

mp

62

Vln. 1

Vln. 2

Vla.

Vlc.

68

Vln. 1

Vln. 2

Vla.

Vlc.

p

pp

p

p

pp

p

pp

p

pp

72

Vln. 1

Vln. 2

Vla.

Vlc.

pp

ppp

p

pp

ppp

p

pp

ppp

p

pp

ppp

4. Certitude of randomness

Allegro

This musical score is for a piece titled "4. Certitude of randomness" in 4/4 time, marked **Allegro**. It features four staves: Violin 1, Violin 2, Viola, and Cello. The score is divided into three systems, with measures 6 and 11 marked at the beginning of the second and third systems respectively.

Violin 1: Starts with a *pp* dynamic. The melody consists of eighth and sixteenth notes, with a triplet of eighth notes in measure 3. A crescendo line is present in measure 4.

Violin 2: Enters in measure 2 with a *pp* dynamic. It follows a similar melodic pattern to Violin 1, including a triplet in measure 3 and a crescendo line in measure 4.

Viola: Enters in measure 3 with a *pp* dynamic. The part features a triplet in measure 3 and a crescendo line in measure 4.

Cello: Enters in measure 3 with a *pp* dynamic. The part includes a triplet in measure 3 and a crescendo line in measure 4.

Second System (Measures 6-10):

Vln. 1: Continues the melodic line with a triplet in measure 7 and a crescendo line in measure 8. The dynamic is *p* in measure 8.

Vln. 2: Continues the melodic line with a triplet in measure 7 and a crescendo line in measure 8. The dynamic is *p* in measure 8.

Vla.: Continues the melodic line with a triplet in measure 7 and a crescendo line in measure 8.

Vlc.: Continues the melodic line with a triplet in measure 7 and a crescendo line in measure 8.

Third System (Measures 11-15):

Vln. 1: Continues the melodic line with a triplet in measure 12 and a crescendo line in measure 13.

Vln. 2: Continues the melodic line with a triplet in measure 12 and a crescendo line in measure 13.

Vla.: Continues the melodic line with a triplet in measure 12 and a crescendo line in measure 13.

Vlc.: Continues the melodic line with a triplet in measure 12 and a crescendo line in measure 13. A *p* dynamic is marked at the start of the system.

16

Vln. 1

Vln. 2

Vla.

Vlc.

mp

mp

mp

mp

Detailed description: This system contains measures 16 through 20. The first violin (Vln. 1) and second violin (Vln. 2) parts are in treble clef. The viola (Vla.) is in alto clef (C-clef on the third line) and the violoncello (Vlc.) is in bass clef. The key signature has one sharp (F#). The music features a melodic line with eighth and sixteenth notes, including triplet markings. A crescendo hairpin is present in the first violin part, leading to a mezzo-piano (*mp*) dynamic marking in measure 17. The same dynamic is marked in measures 18, 19, and 20.

21

Vln. 1

Vln. 2

Vla.

Vlc.

mf

Detailed description: This system contains measures 21 through 25. The instrumentation remains the same. The melodic line continues with triplet markings. A crescendo hairpin is present in the first violin part, leading to a mezzo-forte (*mf*) dynamic marking in measure 24. The same dynamic is marked in measure 25.

26

Vln. 1

Vln. 2

Vla.

Vlc.

mf

mf

mf

Detailed description: This system contains measures 26 through 30. The instrumentation remains the same. The melodic line continues with triplet markings. A crescendo hairpin is present in the first violin part, leading to a mezzo-forte (*mf*) dynamic marking in measure 27. The same dynamic is marked in measures 28, 29, and 30.

31

Vln. 1

Vln. 2

Vla.

Vlc.

f

f

35

Vln. 1

Vln. 2

Vla.

Vlc.

f

f

39

Vln. 1

Vln. 2

Vla.

Vlc.

ff

ff

43

Vln. 1

Vln. 2

Vla.

Vlc.

ff

ff

3

3

3

3

47

Vln. 1

Vln. 2

Vla.

Vlc.

fff

fff

3

3

3

3

51

Vln. 1

Vln. 2

Vla.

Vlc.

fff

fff

3

3

3

3

55

Vln. 1

Vln. 2

Vla.

Vlc.

ff

ff

ff

60

Vln. 1

Vln. 2

Vla.

Vlc.

f

f

f

ff

f

65

Vln. 1

Vln. 2

Vla.

Vlc.

mf

mf

mf

mf

mp

70

Vln. 1

Vln. 2

Vla.

Vlc.

mp

p

mp

p

mp

Detailed description: This system contains measures 70 through 74. The first violin (Vln. 1) and second violin (Vln. 2) parts are in treble clef. The viola (Vla.) is in alto clef (C-clef on the second line). The violoncello (Vlc.) is in bass clef. The key signature has one sharp (F#). The music features a consistent melodic pattern with triplets and slurs. Dynamics include mezzo-piano (mp) and piano (p).

75

Vln. 1

Vln. 2

Vla.

Vlc.

pp

p

pp

pp

p

Detailed description: This system contains measures 75 through 79. The instrumentation remains the same. The melodic line continues with triplets and slurs. Dynamics include pianissimo (pp) and piano (p).

80

Vln. 1

Vln. 2

Vla.

Vlc.

pp

fff

fff

fff

fff

senza rallentare

Detailed description: This system contains measures 80 through 84. The instrumentation remains the same. The melodic line continues with triplets and slurs. Dynamics include pianissimo (pp) and fortissimo (fff). The instruction "senza rallentare" (without slowing down) is written above the final measure. The system concludes with a double bar line.

5. The Absolute End

Allegro non troppo

Violin 1

Violin 2

Viola

Cello

This block contains the first system of the musical score, measures 1 through 7. It features four staves: Violin 1, Violin 2, Viola, and Cello. The key signature has one sharp (F#) and the time signature is 4/4. Violin 1 is mostly silent, with a melodic entry in measure 5 marked *mf*. Violin 2 plays a continuous eighth-note pattern throughout, starting with a *mf* dynamic in measure 1. The Viola and Cello staves are empty, indicating rests for those instruments.

Vln. 1

Vln. 2

Vla.

Vlc.

This block contains the second system of the musical score, measures 8 through 13. It features four staves: Vln. 1, Vln. 2, Vla., and Vlc. The key signature has one sharp (F#) and the time signature is 4/4. Vln. 1 enters in measure 8 with a melodic line. Vln. 2 continues its eighth-note pattern. Vla. is silent until measure 13, where it enters with a melodic line marked *mf*. Vlc. plays a continuous eighth-note pattern throughout, marked *mf* in measure 10.

Vln. 1

Vln. 2

Vla.

Vlc.

This block contains the third system of the musical score, measures 14 through 19. It features four staves: Vln. 1, Vln. 2, Vla., and Vlc. The key signature has one sharp (F#) and the time signature is 4/4. Vln. 1 continues its melodic line, with a crescendo leading to a *mp* dynamic in measure 15. Vln. 2 continues its eighth-note pattern. Vla. continues its melodic line, also with a crescendo leading to a *mp* dynamic in measure 15. Vlc. continues its eighth-note pattern, with a crescendo leading to a *mp* dynamic in measure 15.

20

Vln. 1 *f*

Vln. 2 *f*

Vla. *f*

Vlc. *f*

26

Vln. 1 *mf*

Vln. 2 *mf*

Vla. *mf*

Vlc. *mf*

32

Vln. 1 *p*

Vln. 2 *p*

Vla. *p*

Vlc. *p*

38

Vln. 1

Vln. 2

Vla.

Vlc.

mf

mf

mf

mf

44

Vln. 1

Vln. 2

Vla.

Vlc.

espress.

f

f

f

f

50

Vln. 1

Vln. 2

Vla.

Vlc.

mf

mf

mf

56

Vln. 1 *ff*

Vln. 2 *ff*

Vla. *ff*

Vlc. *ff*



62

Vln. 1 *mf*

Vln. 2 *mf*

Vla. *mf*

Vlc. *mf*



68

Vln. 1 *f*

Vln. 2 *f*

Vla. *f*

Vlc. *f*



74

Vln. 1

Vln. 2

Vla.

Vlc.

ff

ff

ff

ff

rit.

Detailed description: The musical score consists of four staves. Vln. 1 (Violin 1) is in treble clef and plays a continuous pattern of eighth-note triplets across all four measures. Vln. 2 (Violin 2) is in treble clef and plays a melodic line: quarter notes G4, A4, B4, C5, followed by a dotted quarter note D5 with a sharp sign, then quarter notes C5, B4, A4, G4. Vla. (Viola) is in alto clef and plays sustained notes: G3, A3, B3, C4, D4, E4, F4, G4. Vlc. (Violoncello) is in bass clef and plays sustained notes: G2, A2, B2, C3, D3, E3, F3, G3. The score concludes with a double bar line and a fermata on the final note of each staff. Dynamics include *ff* (fortissimo) at the end of each staff and a *rit.* (ritardando) marking above the Vln. 1 staff in measure 77.