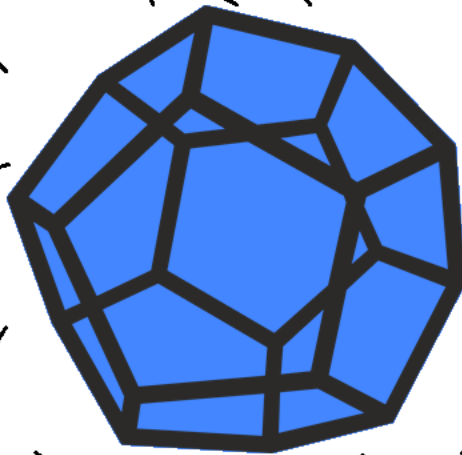


$\{5,3\}$

for Pierrot ensemble



Diego Rocha

full score

# {5,3}

In one movement, ca. 5'

Composed by Diego Rocha

2018

Flute (doubling piccolo)

B $\flat$  Clarinet (doubling bass clarinet)

Violin

Cello

Percussion (marimba, splash cymbal, woodblocks, triangle and tam-tam)

Piano

The ensemble should be loosely assembled as pairs (flute & clarinet, violin & cello, and percussion & piano), though with all the pairs still altogether quite close to each other.

All normal (round) note-heads in the percussion part indicate marimba. All other instruments are notated with different note heads and have specific staff placement. There is also text above any part where they are to be played noting the instrument.

Accidentals apply throughout the bar they appear, but do not apply at the octave.

Program note:

{5,3} is the Schläfli symbol for a regular dodecahedron, indicating that it is comprised of pentagons with three meeting at every vertex. Likewise, this piece comprises three voices that overlap and meet each other throughout in a fugue-like fashion with a subject and two counter-subjects derived from a single tone row. However, the three-dimensional aspect of the dodecahedron is important: in more standard serial procedure, one is effectively always moving forward through the row, with little allowance for movement in other directions. This is akin to a dodecagon, where one can only circle linearly around it, going around the same corners every time.

A dodecahedron, though, allows for new connections to be made and for the observer to see the shape from infinite perspectives. This row (and piece) emphasizes connections between notes that are not directly next to each other, many making interlocking pairs of tritones so that each note's partner is obstructed by another. The goal then, is to expose this row to the listener from a variety of musical angles, so that they can hear its multiple facets.

Transposed Score

{5,3}

Diego Rocha

♩ = 84 Sharp, angular

The image displays a musical score for a chamber ensemble, consisting of six staves: Flute, B♭ Clarinet, Violin, Cello, Percussion, and Piano. The score is divided into two systems, with the second system starting at measure 5. The music is written in 3/4 time and features a variety of dynamics and articulations. The Flute part begins with a forte (ff) triplet, followed by a mezzo-piano (mp) section and a mezzo-forte (mf) section with triplets. The B♭ Clarinet part starts with a piano (p) section, followed by a forte (f) section and a fortissimo (ff) section. The Violin part begins with a fortissimo (ff) triplet, followed by a pianissimo (ppp) section and a sforzando piano (sfp) section with a triplet. The Cello part includes a pizzicato (pizz.) section and an arco section. The Percussion part features a forte (ff) triplet, a pianissimo (ppp) section, a fortissimo (ff) section with a 'splash, fast choke' effect, and a mezzo-forte (mf) section with a triplet. The Piano part starts with a mezzo-piano (mp) section, followed by a forte (f) section and a mezzo-forte (mf) section with a triplet. The second system continues these patterns, with the Flute part moving to a piano (pp) section, the B♭ Clarinet part moving to a forte (f) section, the Violin part moving to a sforzando piano (sfp) section, the Cello part moving to a forte (f) section, the Percussion part moving to a sforzando piano (sfp) section, and the Piano part moving to a mezzo-forte (mf) section with a triplet. The score includes various musical notations such as slurs, accents, and dynamic markings.

9

Fl. *pp* *3*

B♭ Cl. *pp* *3*

Vln. con sord. *p* *3* senza sord.

Vc. *pp* *pp*

Perc. *pp* *3*

Pno. *ff* *3* *p* *3*

13

Fl. *ff* *3* *p* *f* *3* *fp*

B♭ Cl. *ff* *f* *fp*

Vln. *f* *ff* *p*

Vc. *ff* *f*

Perc. *ff* *p* *f* *3* woodblock

Pno. *ff* *3*

17

To Piccolo

Fl. *p*

B♭ Cl. *f* *fp* *f* *fp* *ff* *p* *ff* *To Bass Clarinet*

Vln. *p* *ff* 3

Vc. *p* *ff* 3

Perc. *p* *ff*

Pno. *ff* heavy 3

21

Fl. *ff* 5 6 *pp*

B♭ Cl. *pp*

Vln. *fp* *pp*

Vc. *pp*

Perc. *pp*

Pno. *pp* 3

To Flute

23

Musical score for measures 23-25. The score includes parts for Flute (Fl.), B♭ Clarinet (B♭ Cl.), Violin (Vln.), Violoncello (Vc.), Percussion (Perc.), and Piano (Pno.).

- Flute (Fl.):** Measures 23-25. Measure 23 features a melodic line with slurs and accents. Measure 25 ends with a dynamic marking of *f*.
- B♭ Clarinet (B♭ Cl.):** Measures 23-25. Measure 23 has a whole note. Measure 24 has a whole note. Measure 25 has a half note.
- Violin (Vln.):** Measures 23-25. Continuous melodic line with slurs and accents.
- Violoncello (Vc.):** Measures 23-25. Measure 23 has a whole note. Measure 24 has a whole note with a *pizz.* marking. Measure 25 has a half note with a *♩* marking.
- Percussion (Perc.):** Measures 23-25. Measure 23 has a rhythmic pattern with a *p* dynamic. Measures 24-25 have a complex rhythmic pattern with slurs.
- Piano (Pno.):** Measures 23-25. Measure 23 has a whole note. Measure 24 has a whole note. Measure 25 has a half note.

26

Musical score for measures 26-28. The score includes parts for Flute (Fl.), B♭ Clarinet (B♭ Cl.), Violin (Vln.), Violoncello (Vc.), Percussion (Perc.), and Piano (Pno.).

- Flute (Fl.):** Measures 26-28. Measure 26 has a melodic line with slurs and accents. Measure 28 ends with a dynamic marking of *ff*. A *Flz. —* marking is present above the staff.
- B♭ Clarinet (B♭ Cl.):** Measures 26-28. Measure 26 has a whole note with a *f* dynamic. Measure 27 has a whole note with a *ff* dynamic. Measure 28 has a half note with a *ff* dynamic.
- Violin (Vln.):** Measures 26-28. Measure 26 has a whole note with a *f* dynamic. Measure 27 has a whole note with a *f* dynamic. Measure 28 has a half note with a *ff* dynamic and a *sul. g* marking.
- Violoncello (Vc.):** Measures 26-28. Measure 26 has a whole note with a *f* dynamic. Measure 27 has a whole note with a *ff* dynamic. Measure 28 has a half note with an *arco* marking.
- Percussion (Perc.):** Measures 26-28. Measure 26 has a rhythmic pattern with a *f* dynamic. Measures 27-28 have a complex rhythmic pattern with slurs.
- Piano (Pno.):** Measures 26-28. Measure 26 has a whole note with a *f* dynamic. Measure 27 has a whole note with a *ff* dynamic. Measure 28 has a half note with a *ff* dynamic.

Flz.

29

Fl.

Musical staff for Flute (Fl.). The notation includes eighth and sixteenth notes with various articulations such as accents and slurs. A dynamic marking of *ff* is present.

B♭ Cl.

Musical staff for B♭ Clarinet (B♭ Cl.). The notation features quarter notes and a triplet of eighth notes. A dynamic marking of *ff* is present.

Vln.

Musical staff for Violin (Vln.). The notation consists of eighth and sixteenth notes with slurs. A dynamic marking of *ff* is present.

Vc.

Musical staff for Violoncello (Vc.). The notation includes quarter notes and a triplet of eighth notes. A dynamic marking of *ff* is present.

Perc.

Musical staff for Percussion (Perc.). The notation includes a triangle symbol and rhythmic patterns. A dynamic marking of *ff* is present.

Pno.

Musical staff for Piano (Pno.). The notation includes a treble and bass clef with complex rhythmic patterns. A dynamic marking of *ff* is present.

32

Fl.

Musical staff for Flute (Fl.). The notation includes eighth and sixteenth notes with slurs. A dynamic marking of *f* is present.

B♭ Cl.

Musical staff for B♭ Clarinet (B♭ Cl.). The staff is mostly empty with a dynamic marking of *fp*. The text "To Clarinet" is written above the staff.

Vln.

Musical staff for Violin (Vln.). The notation includes quarter notes and slurs. A dynamic marking of *f* is present.

Vc.

Musical staff for Violoncello (Vc.). The notation includes quarter notes and slurs. A dynamic marking of *f* is present.

Perc.

Musical staff for Percussion (Perc.). The notation includes rhythmic patterns. A dynamic marking of *f* is present.

Pno.

Musical staff for Piano (Pno.). The notation includes a treble and bass clef with rhythmic patterns. A dynamic marking of *f* is present.

35

Fl.

B♭ Cl.

Vln.

Vc.

Perc.

Pno.

*f*

*f*

*f*

*f*

*f*

*f*

*f*

arco

arco

38

Fl.

B♭ Cl.

Vln.

Vc.

Perc.

Pno.

*p*

*p*

*p*

*p*

*p*

*p*

*p*

pizz.

pizz.



42

Fl. *f* *ff*<sup>3</sup>

B♭ Cl. *f* *f*

Vln. *f* *ff*<sup>3</sup> arco sul. g *f*

Vc. arco *ff*

Perc. *f* *ff*<sup>3</sup> no dampen *f*

Pno. *f* *ff*<sup>3</sup> *ff*

49

Fl.

B♭ Cl.

Vln. *mp* norm. 3 3

Vc. con sord. *mp*

Perc.

Pno.

53

Fl. *f*

B♭ Cl.

Vln.

Vc. senza sord.

Perc. *p*

Pno. *mp*

To Piccolo

55

Fl. *f*

B♭ Cl. *f*

Vln. *f*

Vc. *f*

Perc. *f*

Pno. *mp*

*mf*

57

Musical score for measures 57-60. The score is for a full orchestra and piano. The instruments are Flute (Fl.), B♭ Clarinet (B♭ Cl.), Violin (Vln.), Viola (Vc.), Percussion (Perc.), and Piano (Pno.). The music is in 2/4 time, with a key signature of one sharp (F#). The score features various dynamics including *pp*, *f*, and *ff*, and includes triplets and a fermata. The piano part has a *pp* dynamic and a fermata. The percussion part has a *ff* dynamic. The violin part has a *f* dynamic and a fermata. The flute and B♭ clarinet parts have *pp* dynamics and triplets. The viola part has a *pp* dynamic and a fermata. The piano part has a *pp* dynamic and a fermata.

61

Musical score for measures 61-64. The score is for a full orchestra and piano. The instruments are Flute (Fl.), B♭ Clarinet (B♭ Cl.), Violin (Vln.), Viola (Vc.), Percussion (Perc.), and Piano (Pno.). The music is in 2/4 time, with a key signature of one sharp (F#). The score features various dynamics including *ff* and includes triplets. The flute and B♭ clarinet parts have *ff* dynamics and triplets. The violin part has a *ff* dynamic. The viola part has a *ff* dynamic and a triplet. The percussion part has a *ff* dynamic. The piano part has a *ff* dynamic and a triplet. The score ends with a double bar line and a page number 8.



72

Fl. *mf*

B♭ Cl.

Vln. *mf*

Vc. *p*

Perc. wood block *p*

Pno. *mf*

74

Fl.

B♭ Cl. *f* *pp*

Vln. *ff* *pp* con sord.

Vc. *sfpp* *pp*

Perc. tam-tam *ff* *mp* *pp* *sfz* *pp* hard choke

Pno. *mf* *mp* *pp*

78

Fl. *mp* *p*

B♭ Cl. *p*

Vln. *senza sord.* *p* *mp*

Vc. *p* *pizz.* *mp*

Perc. *mp* *ff* *p*

Pno. *ff* *p* *p* *mp*

83

Fl. *f* *ff*

B♭ Cl. *mf* *ff* **To Clarinet**

Vln. *ff* *f*

Vc. *arco* *ff*

Perc. *f* *ff*

Pno. *f* *ff* *f* *ff*

87

Fl. *f*

B♭ Cl. *f*

Vln. *f*

Vc. *f*

Perc. *mp*

Pno. *f* 3

91

Fl. *p*

B♭ Cl. *f* 3 *fp*

Vln.

Vc. *p*

Perc. *p*

Pno. *p*





98

Fl. *fp* *mp* *f*

B♭ Cl. *fp* *mp* *mf* *mp*

Vln. *fp* *mf* *mp*

Vc. *fp* *f* *f* *f* *pizz.* *arco*

Perc. *f* *f*

Pno. *f mp* *f*

103

Fl. *f* *n*

B♭ Cl. *mp* *f*

Vln. *n* *f*

Vc. *f* *f*

Perc. *f* *f*

Pno. *f*

108

Fl.

B♭ Cl.

Vln.

Vc.

Perc.

Pno.

111

Fl.

B♭ Cl.

Vln.

Vc.

Perc.

Pno.

114

flz.

Fl.

B♭ Cl.

Vln.

Vc.

Perc.

Pno.

117

Fl.

B♭ Cl.

Vln.

Vc.

Perc.

Pno.