

(duo)dec

for percussion trio

(score)

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ca. 5.5'

program notes

(duo)dec is a piece driven by mathematics. originally notated on graph paper, it serves as an exploration of the ways in which mathematical processes can interact with and influence the natural world around us. the combination of these processes with humanistic, primal sounds grow in complexity as the performers move throughout the space, before finishing with a final burst of expression through pitch.

performance notes

these notes apply to the entire piece, each section's specific requirements are listed below.

 stemless noteheads indicate eighth note duration.
notehead size indicates emphasis/accenuation.

vox indicates that the performer should vocalize the written text

objects

the performers should use any three objects (per performer) of their choosing. the objects should be organized by relative pitch/frequency (hi - mid - lo). what's used to strike the objects is up to the discretion of the performer (though sticks or hands are recommended).

tam tam

different parts of the tam tam are used throughout this section:

stand - the metal stand

rim - the rim of the tam tam itself

the performers should be positioned on either side of the tam tam, two in front, one in back. small sticks (triangle beaters recommended) should be used to strike the tam tam.

body

the performers should sit and strike their thighs (labeled R and L in the score)

piano

the performers should pluck the strings of the piano on the indicated pitches.
one performer must hold down the sustain pedal for the duration of the section.

layout

the instruments should be laid out in a ring, with the piano placed furthest from the audience/front of the stage.

(duo)dec

for percussion trio

1

brayden carr

objects

2 3

1 hi mid lo

2 hi mid lo

3 hi mid lo

4 5 6

1

2

3

7 8 9

1

2

3

10 11 12

1

2

3

13 14 15

1

2

3

The musical score is written for three percussionists, labeled 1, 2, and 3. Each part has three staves: 'hi' (high), 'mid' (middle), and 'lo' (low). The score is divided into measures 1 through 15. Measures 1-3 are grouped under the label 'objects'. The notation consists of black dots on the staves, indicating specific pitches or rhythms. The score is presented in a single system with vertical bar lines separating the measures. The percussionists' parts are written in a way that suggests a rhythmic pattern, with dots appearing on the staves at regular intervals. The 'hi' staff is the top staff, 'mid' is the middle, and 'lo' is the bottom. The measures are numbered 1 through 15 at the top of each measure group. The percussionists' parts are numbered 1, 2, and 3 on the left side of each staff group. The score is written in a simple, minimalist style, focusing on the placement of dots on the staves.

2

16 17 18

1

2

3

19 20 21

1

2

3

22 23 24

1

2

3

25 26 27

1

2

3

28 29 30

1

2

3

31 32 33

1

2

3

This block contains measures 31, 32, and 33 of a musical score. It consists of three staves, numbered 1, 2, and 3. Each staff contains a series of eighth notes. Measures 31 and 32 are separated by a vertical dashed line, and measure 33 is separated by another. The notes are mostly on the middle lines of the staves, with some beamed eighth notes in measures 32 and 33.

34 35 36

1

2

3

This block contains measures 34, 35, and 36 of a musical score. It consists of three staves, numbered 1, 2, and 3. Each staff contains a series of eighth notes. Measures 34 and 35 are separated by a vertical dashed line, and measure 36 is separated by another. The notes are mostly on the middle lines of the staves, with some beamed eighth notes in measures 35 and 36.

37 38 39

1

2

3

This block contains measures 37, 38, and 39 of a musical score. It consists of three staves, numbered 1, 2, and 3. Each staff contains a series of eighth notes. Measures 37 and 38 are separated by a vertical dashed line, and measure 39 is separated by another. The notes are mostly on the middle lines of the staves, with some beamed eighth notes in measures 38 and 39.

40 41

1

2

3

ca. 8"

This block contains measures 40 and 41 of a musical score. It consists of three staves, numbered 1, 2, and 3. Each staff contains a series of eighth notes. Measures 40 and 41 are separated by a vertical dashed line. The notes are mostly on the middle lines of the staves, with some beamed eighth notes in measure 41. A measurement 'ca. 8"' is indicated on the right side of the staves.

4 tam tam

1

stand rim

2

stand rim

3

stand rim

4

5

6

1

2

3

7

8

9

1

2

3

10

11

12

1

2

3

13

14

15

1

2

3

16 17

1

2

3

ca. 5"

18 19 20

1

2

3

VOX

stand

21

1

2

3

ca. 8"

body

1

1

2

3

VOX

R

L

(4)

(3)

(5)

(4)

(3)

(4)

(5)

2 3 4

1

2

3

13 14 15

1

2

3

This system contains measures 13, 14, and 15. It features three staves (1, 2, 3) with various musical notes and rests. Measure 13 has notes on staves 1, 2, and 3. Measure 14 has notes on staves 1, 2, and 3. Measure 15 has notes on staves 1, 2, and 3.

16 17 18

1

2

3

This system contains measures 16, 17, and 18. It features three staves (1, 2, 3) with various musical notes and rests. Measure 16 has notes on staves 1, 2, and 3. Measure 17 has notes on staves 1, 2, and 3. Measure 18 has notes on staves 1, 2, and 3.

19 20 21

1

2

3

E $\flat$ 5
D $\flat$ 5
G $\flat$ 3
F3
B $\flat$ 2
G $\flat$ 2

This system contains measures 19, 20, and 21. It features three staves (1, 2, 3) with various musical notes and rests. Measure 19 has notes on staves 1, 2, and 3. Measure 20 has notes on staves 1, 2, and 3. Measure 21 has notes on staves 1, 2, and 3.

22 23 24

1

2

3

This system contains measures 22, 23, and 24. It features three staves (1, 2, 3) with various musical notes and rests. Measure 22 has notes on staves 1, 2, and 3. Measure 23 has notes on staves 1, 2, and 3. Measure 24 has notes on staves 1, 2, and 3.

25 26 27

1

2

3

This system contains measures 25, 26, and 27. It features three staves (1, 2, 3) with various musical notes and rests. Measure 25 has notes on staves 1, 2, and 3. Measure 26 has notes on staves 1, 2, and 3. Measure 27 has notes on staves 1, 2, and 3.

8

28 29 30

1

2

3

31 32 33

1

2

3

34 35 36

1

2

3

37 38 39

1

2

3