

Snake Dance No. 3

for two synthesizers, four percussionists, and electric bass

by Kyle Gann

2009-2010

Snake Dance No. 3 (2009-10)

With apologies to the Hopi Indians, who actually dance while holding live snakes, the snake dance is a genre I invented for myself in 1991. The basic idea was inspired (like so many American rhythmic ideas) by Henry Cowell's book *New Musical Resources*, which suggests composing within a scale of tempos analogous to a pitch scale. Fusing that with the gear-shifting rhythm of Hopi, Zuni, and Pueblo music, I came up with a conception of a percussion dance in which the tempo moves back and forth along a series of steps corresponding to notated durations: 8th-note, triplet quarter, dotted 8th, quarter, quarter-tied-to-a-16th, and so on. The motion reminds me of the back-and-forth movement of a snake. One of the formal rules is that the piece be made up of quasi-melodic modules, and that no two modules follow each other in the same succession twice, so that one module never implies another, and the listener, though growing familiar with the modules, is always surprised when each one arrives. I've written three *Snake Dances* for percussion ensemble (1991, 1995, 2010), plus my "*Last Chance*" Sonata for clarinet (1999) has a "Snake Dance" movement, and I think of *Hovenweep* (2000, at least its introduction), the "Sun Dance" from *Custer and Sitting Bull* (1999), and "Mars" (1994) from *The Planets* as essentially snake dances. So this is really my seventh in the genre. [In "Mars," I vary the modules themselves rather than their order, and in "*Last Chance*" the formal idea gets transferred to the slow movement instead.]

Snake Dance No. 3 is my second microtonal one (after "Sun Dance"), and the first to add synthesizers and bass to the core percussion ensemble. The 19-pitch, 11-limit scale is a peculiar one, based on B-flat minor, though there are actually no other chords from that key aside from B-flat minor, so the harmony is endlessly slithering around an unsupported tonic triad. In ratios, the scale runs as follows:

1/1, 33/32, 11/10, 8/7, 7/6, 6/5, 11/9, 4/3, 11/8, 7/5, 10/7, 22/15, 3/2, 8/5, 33/20, 12/7, 7/4, 11/6, 40/21

In cents, that's:

0, 53, 165, 231, 266, 315, 347, 498, 551, 583, 617, 663, 702, 814, 867, 933, 969, 1049, 1115

In addition, some of the modules start out monophonic (melody only), and accrue new harmony lines with each repetition. Some of the modules use pure triads, others employ out-of-tune approximations, still others have microtonal inflections, in order to increase the overall range of dissonance. As Harry Partch colorfully stated, purely-tuned dissonance is a "whole different serving of tapioca" from regular dissonance. In other words, there are no tone clusters or sevenths or ninths, just out-of-tune consonances.

Snake Dance No. 3 was written for the Sam Houston State University Percussion Group, who brought my music back to Texas for the first time in 34 years.

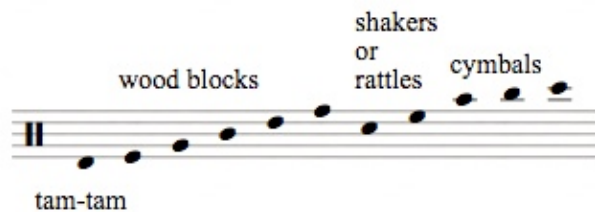
World premiere: April 16, 2010, at Sam Houston State University's annual New-Music Festival

Duration: 11 minutes

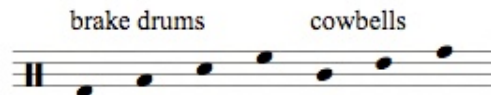
Performance instructions:

Each synthesizer and the electric bass should have its own dedicated amplifier. The speakers should be placed behind the percussion so as to blend with it, and the electronic sounds should be loud enough to be heard through the percussion. The synthesizer sounds should be loud and definite as to pitch, with a sharp attack, brassy or rock-organ like.

Percussion 1 key:



Percussion 2 key:



Percussion 3 plays roto-toms

Percussion 4 plays bass drum

The piece can be somewhat conducted by the Percussion 4 player, since this part has the basic rhythm all the way through.

Snake Dance No. 3: Keyboard Tuning

The musical score is divided into three systems, each with a treble and bass staff. The first system (measures 1-7) is in bass clef. The second system (measures 8-13) is in bass clef for the first two measures, then switches to treble clef for the remaining measures. The third system (measures 14-20) is in treble clef. Above the notes, various time signatures are indicated, such as 8/7, 7/6, 6/5, 11/9, 4/3, 11/8, 7/5, 10/7, 22/15, 3/2, 8/5, 33/20, 12/7, 7/4, 11/6, 40/21, 1/1, 33/32, 11/10, 8/7, 7/6, 6/5, 11/9, 4/3, 11/8, 7/5, 10/7, 22/15. The notes include various accidentals (sharps, flats, naturals) and articulation marks (accents, slurs).

Snake Dance No. 3: Tuning

Notated pitch	Ratio	Name	ET pitch +/- cents
C1	33/20	Gb [^]	G1 -33
C#1	12/7	GL	G1 +33
D1	7/4	A7b+	Ab1 -31
D#1	11/6	Ab [^]	Ab1 +49
E1	40/21	AL	A1 +16
F1	1/1	Bb	Bb1 +0
F#1	33/32	Bb [^]	B1 - 47
G1	11/10	Cb [^]	C2 - 35
G#1	8/7	CL	C2 +31
A1	7/6	D7b	C#2 -33
A#1	6/5	Db	Db2 + 16
B1	11/9	Db ^{^-}	Db2 +47
C2	4/3	Eb	E2 -2
C#2	11/8	Eb [^]	E2 -49
D2	7/5	F7b+	E2 - 17
D#2	10/7	EL	E2 +17
E2	22/15	Fb [^]	F2 -37
F2	3/2	F+	F2 +2
F#2	8/5	Gb	Gb2 +14
G2	33/20	Gb [^]	G2 -33
G#2	12/7	GL	G2 +33
A2	7/4	A7b+	Ab2 -31
A#2	11/6	Ab [^]	Ab2 +49
B2	40/21	AL	A2 +16
C3	1/1	Bb	Bb2 +0
C#3	33/32	Bb [^]	B2 -47
D3	11/10	Cb [^]	C3 - 35

D#3	8/7	CL	C3 +31
E3	7/6	D7b	C#3 -33
F3	6/□,5	Db	Db3 +16
F#3	11/9	Db^-	Db3 +47
G3	4/3	Eb	Eb3 -2
G#3	11/8	Eb^	E3 -49
A3	7/5	F7b+	E3 - 17
A#3	10/7	EL	E3 +17
B3	22/15	Fb^	F3 -37
C4	3/2	F+	F3 +2
C#4	8/5	Gb	Gb3 +14
D4	33/20	Gb^	G3 -33
D#4	12/7	GL	G3 +33
E4	7/4	A7b+	Ab3 - 31
F4	11/6	Ab^	Ab3 +49
F#4	40/21	AL	A3 +16
G4	1/1	Bb	Bb3 +0
G#4	33/32	Bb^	B3 -47
A4	11/10	Cb^	C4 - 35
A#4	8/7	CL	C4 +31
B4	7/6	D7b	C#4 -33
C5	6/5	Db	Db4 + 16
C#5	11/9	Db^-	Db4 +47
D5	4/3	Eb	Eb4 -2
D#5	11/8	Eb^	E4 -49
E5	7/5	F7b+	E4 - 17
F5	10/7	EL	E4 +17
F#5	22/15	Fb^	F4 -37
G5	3/2	F+	F4 +2
G#5	8/5	Gb	Gb4 +14
A5	33/20	Gb^	G4 -33

A#5	12/7	GL	G4 +33
B5	7/4	A7b+	Ab4 -31
C6	11/6	Ab^	Ab4 +49
C#6	40/21	AL	A4 +16
D6	1/1	Bb	Bb4 +0
D#6	33/32	Bb^	B4 -47
E6	11/10	Cb^	C5 - 35
F6	8/7	CL	C5 +31
F#6	7/6	D7b	C#5 -33
G6	6/5	Db	Db5 + 16

Scale:

1/1, 33/32, 11/10, 8/7, 7/6, 6/5, 11/9, 4/3, 11/8, 7/5, 10/7, 22/15, 3/2, 8/5, 33/20, 12/7, 7/4, 11/6, 40/21

The fretless bass guitar plays the following 19-pitch scale:

B \flat +0 ¢ C-35 ¢ D \flat -34 ¢ D \flat +47 ¢ E-49 ¢ E+17 ¢ F+2 ¢ G-33 ¢ A \flat -31 ¢ A+15 ¢
B \flat +53 ¢ C+31 ¢ D \flat +15 ¢ E \flat -2 ¢ F \flat -17 ¢ F-37 ¢ G \flat +14 ¢ G+33 ¢ A \flat +49 ¢

Fretless Bass Guitar

Cents above B \flat : 0 53 165 231 266 315 347 498 551 583 617 663 702 814 867 933 969 1049 1115

for John Lane and the
Sam Houston State University Percussion Ensemble

Snake Dance No. 3

Kyle Gann
2009-10

♩ = 88

A

The musical score is arranged in a system with five staves. The top two staves are for Electric Organ, each with a treble and bass clef. The next four staves are for Percussion 1, 2, 3, and 4, each with a snare drum clef. The bottom staff is for Fretless Bass Guitar with a bass clef. The score is in 7/8 time and consists of five measures. The first three measures are in 7/8 time, and the last two are in 4/8 time. The key signature has one flat (B-flat). The percussion parts include woodblocks, brake drums, and a pattern of eighth notes. The electric organ parts play a melodic line in the treble and a bass line in the bass. The fretless bass guitar part is mostly silent, with a few notes in the final measure.

Electric Organ

Electric Organ

Percussion 1
woodblocks

Percussion 2
p brake drums

Percussion 3
p

Percussion 4
p

Fretless Bass Guitar

6

Org. 1

Org. 2

Perc. 1

Perc. 2

Perc. 3

Perc. 4

6

Bass

The musical score consists of five systems of staves. The first system (measures 6-7) has a treble clef and a key signature of one flat. The second system (measures 8-9) has a bass clef and a key signature of one flat. The third system (measure 10) has a treble clef and a key signature of one flat. The fourth system (measures 11-12) has a bass clef and a key signature of one flat. The fifth system (measures 13-14) has a treble clef and a key signature of one flat. The percussion parts (Perc. 1-4) are in a key signature of one flat and feature complex rhythmic patterns. The Bass line is in a key signature of one flat and features a simple rhythmic pattern.

Snake Dance No. 3

ll

Org. 1

Org. 2

Perc. 1

Perc. 2

Perc. 3

Perc. 4

ll

Bass

Snake Dance No. 3

17 B

Org. 1

Org. 2

Perc. 1

Perc. 2 cow bells

Perc. 3

Perc. 4

Bass

17

Snake Dance No. 3

21

Org. 1

Org. 2

Perc. 1

Perc. 2

Perc. 3

Perc. 4

21

Bass

The musical score consists of seven staves. The top two staves are for Org. 1 and Org. 2, each with a grand staff (treble and bass clefs). The next four staves are for Perc. 1, Perc. 2, Perc. 3, and Perc. 4, all using a snare drum (H) and featuring complex rhythmic patterns with triplets and quintuplets. The bottom staff is for Bass. The score is divided into four measures. The first measure is in 4/4 time. The second measure changes to 9/16 time. The third measure changes to 25/16 time. The fourth measure returns to 4/4 time. The piece ends with a final measure in 9/16 time. The number '21' is written above the first measure of the Perc. 1 staff and below the first measure of the Bass staff.

Snake Dance No. 3

The musical score is arranged in five systems. The first system includes two Organ parts (Org. 1 and Org. 2) and four Percussion parts (Perc. 1-4). The second system includes a Bass line. The score is written in a key signature of two flats (B-flat and E-flat) and starts in a 4/4 time signature. It features complex rhythmic patterns, including triplets and quintuplets, and dynamic markings such as *f* (forte). Measure numbers 26, 17, 8, and 4 are indicated at the start of the measures.

This musical score is for "Snake Dance No. 3". It consists of six staves: two for Organs (Org. 1 and Org. 2), four for Percussion (Perc. 1-4), and one for Bass. The music is in 7/4 time. The score is divided into measures 31-34, 16-17, and 18-19. Measures 31-34 and 16-17 are in a key with one flat (F major), while measures 18-19 are in a key with two flats (D minor). The percussion parts include dynamic markings (mp, f) and fingerings (3, 5). The Organ parts feature triplet and quintuplet markings. The Bass part starts with a key signature change from one flat to two flats.

Snake Dance No. 3

36

Org. 1

Org. 2

Perc. 1

Perc. 2

Perc. 3

Perc. 4

Bass

36

mp f

5

5

5

5

L

5

Snake Dance No. 3

47

Org. 1

Org. 2

Perc. 1

Perc. 2

Perc. 3

Perc. 4

Bass

47

Snake Dance No. 3

53 **D**

Org. 1

p

Org. 2

p

Perc. 1

p

Perc. 2

p

Perc. 3

p

Perc. 4

p

53 Bass

p

Snake Dance No. 3

58

Org. 1

Org. 2

Perc. 1

Perc. 2

Perc. 3

Perc. 4

58

Bass

Snake Dance No. 3

64 **E**

Org. 1

Org. 2

Perc. 1

Perc. 2

Perc. 3

Perc. 4

Bass

64

Snake Dance No. 3

70

Org. 1

Org. 2

Perc. 1

Perc. 2

Perc. 3

Perc. 4

70

Bass

Snake Dance No. 3

75 **F**

Org. 1 *p*

Org. 2 *p*

Perc. 1 *p*

Perc. 2 *p*

Perc. 3 *p*

Perc. 4 *p*

75 **F**

Bass *p*

Snake Dance No. 3

79

Org. 1

Org. 2

Perc. 1

Perc. 2

Perc. 3

Perc. 4

79

Bass

The musical score for "Snake Dance No. 3" on page 16 consists of seven staves. The first six staves are grouped together, and the seventh staff is the Bass line. The score begins at measure 79. The time signature is 4/4. The key signature starts with one flat (B-flat) and changes to two flats (B-flat and E-flat) in the second measure. The first two staves, Org. 1 and Org. 2, are grand staves with treble and bass clefs. The percussion section (Perc. 1-4) uses a snare drum (H) and includes various rhythmic patterns. The Bass line (Bass) is written in a bass clef and features a mix of eighth and sixteenth notes, with some slurs and accents.

Snake Dance No. 3

85

Org. 1

Org. 2

Perc. 1

Perc. 2

Perc. 3

Perc. 4

Bass

85

cow bells

Snake Dance No. 3

90 **G**

Org. 1

Org. 2

Perc. 1

Perc. 2

Perc. 3

Perc. 4

Bass

90 **G**

Snake Dance No. 3

95

Org. 1

Org. 2

Perc. 1

Perc. 2

Perc. 3

Perc. 4

Bass

95

The musical score for "Snake Dance No. 3" on page 19 features five staves. The top two staves are for Organs 1 and 2, both in treble clef. The next three staves are for Percussion 1, 2, 3, and 4, all in alto clef. The bottom staff is for the Bass, in bass clef. The piece begins at measure 95. The first measure is in 5/4 time with a whole rest for all parts. The second measure changes to 6/8 time, featuring a five-fingered (5) eighth-note pattern in the right hand of both organs and the bass, and a similar pattern in the left hand of both organs. The third measure changes to 4/8 time, with a three-fingered (3) eighth-note pattern in the right hand of both organs and the bass, and a similar pattern in the left hand of both organs. The fourth measure changes to 8/8 time, with a three-fingered (3) eighth-note pattern in the right hand of both organs and the bass, and a similar pattern in the left hand of both organs. The fifth measure changes to 9/16 time, with a three-fingered (3) eighth-note pattern in the right hand of both organs and the bass, and a similar pattern in the left hand of both organs. The key signature changes from one sharp (F#) to one flat (Bb) in the second measure, and to two flats (Bb, Eb) in the third measure.

Snake Dance No. 3

H

100

Org. 1

Org. 2

Perc. 1

Perc. 2

Perc. 3

Perc. 4

Bass

100

tam-tam

The musical score is arranged in a system with six staves. The top two staves are for Org. 1 and Org. 2, both in treble clef. The next four staves are for Perc. 1, Perc. 2, Perc. 3, and Perc. 4, all in alto clef. The bottom staff is for Bass, in bass clef. The score begins at measure 100. The time signature is 4/4. The key signature has one flat (B-flat). The score includes various rhythmic patterns, including eighth and sixteenth notes, and rests. There are several triplet markings (3) and a 'tam-tam' section in measure 104. The score ends at measure 108.

106

Org. 1

Org. 2

Perc. 1

Perc. 2

Perc. 3

Perc. 4

Bass

106

Snake Dance No. 3

112

I

Org. 1

Org. 2

Perc. 1

Perc. 2

Perc. 3

Perc. 4

Bass

112

I

f

Snake Dance No. 3

Musical score for *Snake Dance No. 3*, measures 122-126. The score is arranged for five parts: Org. 1, Org. 2, Perc. 1, Perc. 2, Perc. 3, Perc. 4, and Bass. The key signature is one flat (B-flat), and the time signature changes from 4/4 to 3/4. Measure numbers 122, 16, and 17 are indicated at the beginning of their respective measures. The score includes various musical notations such as notes, rests, slurs, and dynamic markings like *mp* and *f*. Percussion parts (Perc. 1-4) feature rhythmic patterns with accents and slurs. The Bass part includes slurs and dynamic markings like *L*.

122

Org. 1

Org. 2

Perc. 1

Perc. 2

Perc. 3

Perc. 4

Bass

122

16

17

mp *f*

5

5

5

5

5

5

L

Snake Dance No. 3

127 **J**

Org. 1

Org. 2

Perc. 1
mp f mp

Perc. 2

Perc. 3

Perc. 4

Bass

127

Snake Dance No. 3

131 K

Org. 1

Org. 2

Perc. 1

Perc. 2

Perc. 3

Perc. 4

Bass

131

9 16 17

f *mp* *f* *f*

p

136

Org. 1

Org. 2

Perc. 1

Perc. 2

Perc. 3

Perc. 4

Bass

136

Detailed description: This page of a musical score contains measures 136 through 140. It features six staves: two for Organs (Org. 1 and Org. 2), four for Percussion (Perc. 1-4), and one for Bass. The key signature is one flat (B-flat major or D minor). The time signature is 4/4. The organ parts play chords and melodic lines, while the percussion parts provide a rhythmic accompaniment with various patterns. The bass line provides a steady accompaniment. The score is written in a standard musical notation style with clefs, notes, rests, and accidentals.

Snake Dance No. 3

141

Org. 1

Org. 2

Perc. 1

Perc. 2

Perc. 3

Perc. 4

Bass

L

mp

3

3

3

Snake Dance No. 3

147

Org. 1

Org. 2

Perc. 1

Perc. 2

Perc. 3

Perc. 4

Bass

147

The musical score for measures 147-152 of "Snake Dance No. 3" is presented for a multi-instrument ensemble. The score is written in a key signature of one sharp (F#) and a time signature of 13/16. The music is divided into six measures. Measure 147 starts with a 13/16 time signature. Measure 148 changes to 4/4. Measure 149 changes to 7/8. Measure 150 changes to 3/4. Measure 151 changes to 7/8. Measure 152 changes to 16/16. The Organ parts feature chords and melodic lines with triplets. The Percussion parts feature rhythmic patterns with accents and triplets. The Bass part features a melodic line with triplets.

Snake Dance No. 3

153

Org. 1

Org. 2

Perc. 1

Perc. 2

Perc. 3

Perc. 4

Bass

M

f *mp*

158

Org. 1

Org. 2

Perc. 1

Perc. 2

Perc. 3

Perc. 4

Bass

158

f

mp

f

f

mp

9/16 25/16 9/16 25/16 9/16 25/16

Snake Dance No. 3

167

Org. 1

Org. 2

Perc. 1

Perc. 2

Perc. 3

Perc. 4

167

Bass

The musical score is arranged in a system with five staves. The top two staves are for Org. 1 and Org. 2, each with a treble and bass clef. The next four staves are for Perc. 1, Perc. 2, Perc. 3, and Perc. 4, each with a single clef. The bottom staff is for Bass, with a bass clef. The score is divided into four measures by bar lines. The first measure starts at rehearsal mark 167. The key signature has one flat (B-flat). The time signature is 4/4. The music features a variety of rhythmic values, including eighth, sixteenth, and thirty-second notes, as well as rests and ties. The percussion parts consist of rhythmic patterns of eighth and sixteenth notes. The organ parts feature melodic lines with ties and rests, often spanning across measures.

Snake Dance No. 3

171

Org. 1

Org. 2

Perc. 1

Perc. 2

Perc. 3

Perc. 4

Bass

171

The musical score is arranged in five systems. The first system contains Org. 1 (two staves), Org. 2 (two staves), Perc. 1, Perc. 2, Perc. 3, Perc. 4, and Bass (one staff). The score is in 5/4 time and features a key signature of one sharp (F#). The piece is divided into five measures, each with a unique time signature: 5/4, 9/16, 11/8, 3/8, and 9/8. The percussion parts (Perc. 1-4) play a consistent rhythmic pattern of eighth notes. The organ parts (Org. 1 and 2) and the bass part feature melodic lines with various articulations and dynamics. The bass part includes accents and slurs, and the organ parts include slurs and dynamic markings like 'p' and 'f'.

Snake Dance No. 3

176

Org. 1

Org. 2

Perc. 1

Perc. 2

Perc. 3

Perc. 4

Bass

cow bells

The musical score consists of five staves. The first two staves are for Org. 1 and Org. 2. The next four staves are for Perc. 1, Perc. 2, Perc. 3, and Perc. 4. The final staff is for Bass. The score is for measures 176-178. The key signature is one flat (B-flat). The time signature changes from 7/8 to 15/16. Percussion 2 is labeled 'cow bells'.

Snake Dance No. 3

180

Org. 1

Org. 2

Perc. 1

Perc. 2

Perc. 3

Perc. 4

Bass

180

The musical score is arranged in a system with five main staves. The top staff is for Organ 1, the second for Organ 2, and the next three are for Percussion 1, 2, 3, and 4. The bottom staff is for Bass. The music is in 3/2 time. A boxed 'O' is placed above the first staff. Measure numbers 16 and 17 are indicated at the bottom of several staves. The score includes various rhythmic patterns, including triplets and quintuplets.

Snake Dance No. 3

191 **P**

Org. 1

Org. 2

Perc. 1

Perc. 2

Perc. 3

Perc. 4

Bass

191

Snake Dance No. 3

197

Org. 1

Org. 2

Perc. 1

Perc. 2

Perc. 3

Perc. 4

Bass

197

Snake Dance No. 3

203 **Q**

Org. 1

Org. 2

Perc. 1

Perc. 2

Perc. 3

Perc. 4

203 **Q**

Bass

f

5

3

f

5

3

5

3

5

3

5

3

5

3

Snake Dance No. 3

Musical score for *Snake Dance No. 3*, measures 212-216. The score is arranged in five systems, each with a staff label on the left. The measures are numbered 212, 16, 17, and 3 at the top of each system. The key signature is B-flat major (two flats). The time signature changes from 4/4 to 3/4 between measures 16 and 17. The instruments are:

- Org. 1: Organ 1, Treble and Bass clefs.
- Org. 2: Organ 2, Treble and Bass clefs.
- Perc. 1: Percussion 1, Snare drum.
- Perc. 2: Percussion 2, Snare drum.
- Perc. 3: Percussion 3, Snare drum.
- Perc. 4: Percussion 4, Snare drum.
- Bass: Bass clef.

Measure 212: Org. 1 and Org. 2 play a sequence of chords and eighth notes. Perc. 1-4 play a rhythmic pattern of eighth notes. Bass plays a sequence of eighth notes.

Measure 16: Org. 1 and Org. 2 play a sequence of chords and eighth notes. Perc. 1-4 play a rhythmic pattern of eighth notes. Bass plays a sequence of eighth notes.

Measure 17: Org. 1 and Org. 2 play a sequence of chords and eighth notes. Perc. 1-4 play a rhythmic pattern of eighth notes. Bass plays a sequence of eighth notes.

Measure 3: Org. 1 and Org. 2 play a sequence of chords and eighth notes. Perc. 1-4 play a rhythmic pattern of eighth notes. Bass plays a sequence of eighth notes.

Snake Dance No. 3

217 **R**

Org. 1

Org. 2

Perc. 1
tam-tam

Perc. 2

Perc. 3

Perc. 4

Bass

217

Snake Dance No. 3

223

Org. 1

Org. 2

Perc. 1

Perc. 2

Perc. 3

Perc. 4

223

Bass

The musical score for measures 223-227 of "Snake Dance No. 3" is arranged for five staves. The top staff is for Organ 1, followed by Organ 2, four Percussion parts (Perc. 1-4), and a Bass line. The time signature starts at 16/16 and changes to 3/4, 13/16, 7/8, and 4/4. The key signature has one sharp (F#). The percussion parts include snare and tom patterns, with some notes marked with a '5' for a fifth finger. The bass line provides a melodic accompaniment.

Snake Dance No. 3

228

Org. 1

Org. 2

Perc. 1

Perc. 2

Perc. 3

Perc. 4

228

Bass

The musical score for measures 228-232 of "Snake Dance No. 3" is arranged for two organs, four percussion parts, and a bass line. The score is divided into five measures. Measure 228 is in 5/4 time with one sharp (F#). Measures 229 and 230 are in 2/4 time with one flat (Bb). Measures 231 and 232 are in 11/16 time with one flat (Bb). The organ parts (Org. 1 and Org. 2) play chords in the right hand and single notes in the left hand, marked *ff*. The percussion parts (Perc. 1-4) play rhythmic patterns, with Perc. 1, 2, and 3 featuring triplets in measures 230 and 231. The bass line (Bass) plays a rhythmic pattern, marked *ff*, with accents in measures 231 and 232.

Snake Dance No. 3

233

Org. 1

Org. 2

Perc. 1

Perc. 2

Perc. 3

Perc. 4

Bass

233

Snake Dance No. 3

241

Org. 1

Org. 2

Perc. 1

Perc. 2

Perc. 3

Perc. 4

Bass

241

The musical score is arranged in a system with five staves. The top two staves are for Org. 1 and Org. 2, both in treble clef. The next four staves are for Perc. 1, Perc. 2, Perc. 3, and Perc. 4, all in alto clef. The bottom staff is for Bass, in bass clef. The score begins at measure 241 in 13/16 time. The first two measures feature complex chords with slurs. At measure 242, the time signature changes to 2/4. Percussion parts 1-4 play a rhythmic pattern of eighth notes. At measure 243, Perc. 1-3 have triplets (marked '3') and Perc. 4 has a septuplet (marked '7'). At measure 244, the time signature changes to 3/4. The Perc. 1-3 parts play chords, while Perc. 4 and the Bass part play eighth notes. The Bass part has a septuplet (marked '7') and a sharp sign above the final note.

Snake Dance No. 3

251

Org. 1

Org. 2

Perc. 1

Perc. 2

Perc. 3

Perc. 4

251

Bass

The musical score for "Snake Dance No. 3" on page 49 consists of six staves. The top two staves are for Org. 1 and Org. 2, both in treble clef with a key signature of one sharp (F#). The bottom four staves are for Perc. 1, Perc. 2, Perc. 3, and Perc. 4, all in alto clef with a key signature of one sharp. The bottom-most staff is for Bass, in bass clef with a key signature of one sharp. The music is in 2/4 time and is divided into six measures. The first measure starts at measure 251. The percussion parts (Perc. 1-4) play a consistent rhythmic pattern of eighth notes, often in groups of three (triplets) or five (quintuplets). The organ parts (Org. 1-2) play chords and single notes, with some measures featuring long notes or rests. The bass part plays a rhythmic pattern of eighth notes, often in groups of three or five.

Snake Dance No. 3

257

Org. 1

Org. 2

Perc. 1

Perc. 2

Perc. 3

Perc. 4

257

Bass

The musical score is a multi-measure rest for 257 measures. It is divided into five staves: Org. 1, Org. 2, Perc. 1, Perc. 2, Perc. 3, Perc. 4, and Bass. The time signature changes from 10/16 to 13/8 to 7/8. The key signature changes from one sharp (F#) to one flat (Bb). The score is written in a multi-measure rest format, with the number 257 indicating the total number of measures. The notation includes various musical symbols such as notes, rests, and dynamic markings.

262

Org. 1 *mp*

Org. 2

Perc. 1 *mp* *quasi f*

Perc. 2 *mp* *quasi f*

Perc. 3 *mp* *quasi f*

Perc. 4 *mp* *quasi f*

Bass *mp*

S

mp

quasi f

quasi f

quasi f

quasi f

mp

262

Snake Dance No. 3

267

Org. 1 *mp*

Org. 2 *mp*

Perc. 1 *mp* *quasi f*

Perc. 2 *mp* *quasi f*

Perc. 3 *mp* *quasi f*

Perc. 4 *mp* *quasi f*

Bass

267

Detailed description of the musical score: The score is for measures 267-270 of 'Snake Dance No. 3'. It features five staves: two for Organs (Org. 1 and Org. 2), four for Percussion (Perc. 1-4), and one for Bass. The key signature has one flat (B-flat). The time signature is 7/8, which changes to 4/4 at measure 269. The Organ parts play a melodic line in the right hand and a supporting bass line in the left hand. The Percussion parts feature complex rhythmic patterns, including triplets and quintuplets, with accents. The Bass part provides a steady rhythmic foundation. Dynamics are marked as *mp* (mezzo-piano) and *quasi f* (quasi-forte).

272

Org. 1

Org. 2

Perc. 1

Perc. 2

Perc. 3

Perc. 4

Bass

mp

quasi f

quasi f

quasi f

quasi f

quasi f

272

5

Snake Dance No. 3

276

Org. 1

mp

p

Org. 2

mp

p

Perc. 1

mp

p

Perc. 2

mp

p

Perc. 3

mp

p

Perc. 4

mp

p

Bass

276

mp

p

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Snake Dance No. 3