

UCLA
Contemporary Music Score Collection

Title

Variation on Cellular Automata

Permalink

<https://escholarship.org/uc/item/5jw4s3pv>

Author

Barel, Ori

Publication Date

2020

Ori Barel

VARIATION ON CELLULAR AUTOMATA

for 2 soprano saxophones, vibraphone,
piano, 3 violins, cello and bass

VARIATION ON CELLULAR AUTOMATA

Ori Barel

♩=100

Soprano Saxophone 1

Soprano Saxophone 2

Vibraphone

Piano

Violin 1

Violin 2

Violin 3

Violoncello

Double Bass

6

Sop. Sax.

Sop. Sax.

Vib.

Pno.

Vln.

Vln.

Vln.

Vc.

Db.

A

A

12

Sop. Sax.

Sop. Sax.

Vib.

Pno.

Vln.

Vln.

Vln.

Vc.

Db.

17

B

Sop. Sax.

Sop. Sax.

Vib.

Pno.

B

Vln.

Vln.

Vln.

Vc.

Db.

arco

f

arco

f

Musical score for measures 23-27. The score includes parts for Sopranino Saxophone (Sop. Sax.), Soprano Saxophone (Sop. Sax.), Vibraphone (Vib.), Piano (Pno.), Violin (Vln.), Viola (Vln.), Violoncello (Vc.), and Double Bass (Db.). The Soprano Saxophone part features a melodic line with a *mf* dynamic marking. The Vibraphone part has a complex rhythmic pattern with a *mf* dynamic. The Piano part provides harmonic support with a *mf* dynamic. The Violin part has a rhythmic pattern with a *mf* dynamic. The Viola part is mostly silent. The Violoncello and Double Bass parts have a rhythmic pattern with a *mf* dynamic. A double bar line is present at the end of measure 27.



Musical score for measures 28-32. The score includes parts for Sopranino Saxophone (Sop. Sax.), Soprano Saxophone (Sop. Sax.), Vibraphone (Vib.), Piano (Pno.), Violin (Vln.), Viola (Vln.), Violoncello (Vc.), and Double Bass (Db.). A section marker 'C' is placed above measure 28. The Soprano Saxophone part features a melodic line with a *mf* dynamic marking. The Vibraphone part has a complex rhythmic pattern with a *mf* dynamic. The Piano part provides harmonic support with a *mf* dynamic. The Violin part has a rhythmic pattern with a *mf* dynamic. The Viola part is mostly silent. The Violoncello and Double Bass parts have a rhythmic pattern with a *mf* dynamic. A section marker 'C' is placed above measure 30. A double bar line is present at the end of measure 32.

34 D 5

Sop. Sax.
Sop. Sax.
Vib.
Pno.
Vln.
Vln.
Vln.
Vc.
Db.

39 E

Sop. Sax.
Sop. Sax.
Vib.
Pno.
Vln.
Vln.
Vln.
Vc.
Db.

44

Sop. Sax.

Sop. Sax.

Vib.

Pno.

Vln.

Vln.

Vln.

Vc.

Db.

F



48

Sop. Sax.

Sop. Sax.

Vib.

Pno.

Vln.

Vln.

Vln.

Vc.

Db.

pizz.

pizz.

53 **G** 7

Sop. Sax. *mf*

Sop. Sax. *mf*

Vib. *mf*

Pno.

Vln. *mf*

Vln. *mf*

Vln. *mf*

Vc.

Db.

57 **H**

Sop. Sax. *mf*

Sop. Sax.

Vib.

Pno.

Vln. **H**

Vln.

Vln.

Vc. *arco* *mf* *arco*

Db. *mf*

61

Sop. Sax.

Sop. Sax.

Vib.

Pno.

Vln.

Vln.

Vln.

Vc.

Db.



67

Sop. Sax.

Sop. Sax.

Vib.

Pno.

Vln.

Vln.

Vln.

Vc.

Db.

72 **I**

Sop. Sax. *f*

Sop. Sax. *f*

Vib. *f*

Pno.

I

Vln. *f*

Vln. *f*

Vln. *f*

Vc. *f*

Db. *f*

78 **J** **K**

Sop. Sax. *ff*

Sop. Sax. *ff*

Vib. *ff*

Pno. *ff*

J **K**

Vln. *ff*

Vln. *ff*

Vln. *ff*

Vc. *ff*

Db. *ff*

84

Sop. Sax. **L** **M**

Sop. Sax.

Vib.

Pno.

Vln. **L** **M**

Vln.

Vln.

Vc.

Db.

93

Sop. Sax. **N**

Sop. Sax.

Vib.

Pno.

Vln. **N**

Vln.

Vln.

Vc.

Db.

101 **O** 11

Sop. Sax. *mf* *f*

Sop. Sax.

Vib. *mf* *f*

Pno.

O

Vln. *mf* *f*

Vln. *mf* *f*

Vln. *mf* *f*

Vc. *mf* pizz. *f*

Db. *mf* pizz. *f*

112 **P**

Sop. Sax. *mf*

Sop. Sax.

Vib. *mf*

Pno. *mf*

P

Vln. *mf*

Vln. *mf*

Vln. *mf*

Vc. *mf* pizz. *mf*

Db. *mf* pizz. *mf*

Musical score for Soprano Saxophone, Vibraphone, Piano, Violins, Viola, and Double Bass. The score is in 4/4 time and features a key signature of one sharp (F#). The Soprano Saxophone part has a melodic line with slurs and accents. The Vibraphone part has a rhythmic pattern of eighth notes. The Piano part has a harmonic accompaniment with slurs. The Violins, Viola, and Double Bass parts have a melodic line with slurs and accents. The Viola and Double Bass parts are marked "arco".

Sop. Sax. *mf*

Sop. Sax. *mf*

Vib. *mf*

Pno. *mf*

Vln. *arco*

Vln. *arco*

Vln. *arco*

Vc. *arco*

Db. *arco*

135

Sop. Sax. *molto espressivo*
ff

Sop. Sax. *molto espressivo*
ff

Vib. *molto espressivo*
ff

Pno. *molto espressivo*
ff

Vln. *molto espressivo*
ff

Vln. *molto espressivo*
ff

Vln. *molto espressivo*
ff

Vc. *molto espressivo*
ff

Db. *molto espressivo*
ff

Q

Detailed description of the musical score: The score is for measures 135 to 140. It features seven staves: two for Soprano Saxophone, one for Vibraphone, one for Piano (Grand Staff), one for Violin I, one for Violin II, one for Violin III, one for Viola, one for Violoncello, and one for Double Bass. The key signature has one sharp (F#). The time signature is 4/4. A section marked with a circled 'Q' begins at measure 138. In this section, all instruments are marked 'molto espressivo' and 'ff' (fortissimo). The Soprano Saxophones play melodic lines with slurs and accents. The Vibraphone plays a rhythmic pattern of eighth notes. The Piano provides harmonic support with chords and moving lines. The Violins play sustained chords and melodic fragments. The Viola, Violoncello, and Double Bass provide a steady bass line with sustained notes and some rhythmic movement.

149

Sop. Sax.

Sop. Sax.

Vib.

Pno.

Vln.

Vln.

Vln.

Vc.

Db.



R

160

Sop. Sax.

Sop. Sax.

Vib.

Pno.

R

Vln.

Vln.

Vln.

Vc.

Db.