

# Locked-in

Etudes for Marimba  
and live electronics

Notes on the live-electronics sounds:

The electronics for this piece are generated using resonant models from marimba sounds in the current submission the mock-up files included in this submission are roughly, but only roughly, indicative of the performance sounds. The resonant models will be triggered using envelope-following techniques

Program notes:

This piece is written around the idea of rhythms oscillating around regular and irregular pulses. In particular, the different parts are generated by applying the idea of "non-linear sequencing," i.e. distorting the playback of a regular pattern by applying a non-linear time-line. There is no large structure in this piece but it is thought as a collection of Etudes.



## I.

## Iregular-regular-irregular

♩ = 102

4

7

10

13

16

20

23

26

Detailed description: The score consists of nine staves of music in 3/4 time, marked with a tempo of 102. The key signature has three flats. The music is characterized by a mix of irregular and regular rhythmic patterns. Staves 1-3 contain complex rhythmic figures with sixteenth and thirty-second notes, often grouped with slurs and fingerings (6, 3). Staves 4-6 show a more regular, steady eighth-note pattern with slurs and accents. Staves 7-9 continue with similar rhythmic structures, including slurs and accents. The overall texture is intricate and rhythmic.

29

32

35

37

39

41

43

45

47

49

51

53

55

## II.

$\text{♩} = 144$

INTERPOLATE  
21 times

1

INTERPOLATE  
4 times

4

7

14 times

9

23 times

9 times

11

15 times

INTERPOLATION: gradually shift from the rhythm of the beginning bar to the rhythm of the target bar over the course of the number of repetitions indicated above the arrow

# III.

a: accents 1

## Accents

♩ = 135

1

3

5

7

9

11

13

15

17

19

21

23

25

27



29

32

35

37

c: accents ad lib\*

39

42

45

48

51

54

\* in section c accents are given as suggestions, they can be altered ad lib. while keeping the repeating A5 always somewhat accented and resonant as if it was a separate voice



81

d: accents 3

Measures 81-83 of a piano piece. The music is in a key with two flats (B-flat and E-flat) and a 3/4 time signature. The right hand plays a melody of eighth notes with accents, while the left hand provides a bass line with eighth notes and some chords. The key signature changes to one flat (B-flat) at the end of measure 83.

84

Measures 84-86. The right hand continues the eighth-note melody with accents. The left hand features a bass line with eighth notes and chords. The key signature remains one flat (B-flat).

87

Measures 87-89. The right hand melody continues with accents. The left hand bass line includes eighth notes and chords. The key signature changes to two flats (B-flat and E-flat) at the end of measure 89.

90

Measures 90-92. The right hand melody continues with accents. The left hand bass line includes eighth notes and chords. The key signature remains two flats (B-flat and E-flat).

93

Measures 93-95. The right hand melody continues with accents. The left hand bass line includes eighth notes and chords. The key signature remains two flats (B-flat and E-flat).

96

Measures 96-98. The right hand melody continues with accents. The left hand bass line includes eighth notes and chords. The key signature remains two flats (B-flat and E-flat).

99

IV.

$\text{♩} = 120$

1

6

10

12 times

Irregular-regular-irregular

V.

1  $\text{♩} = 102$

4

7

10

13

17

Musical staff 17: Treble clef, key signature of two flats, 4/4 time. Measures 17-21. Features eighth-note patterns with accents and slurs.

22

Musical staff 22: Treble clef, key signature of two flats, 4/4 time. Measures 22-26. Features eighth-note patterns with accents and slurs.

27

Musical staff 27: Treble clef, key signature of two flats, 4/4 time. Measures 27-31. Features eighth-note patterns with accents and slurs.

32

Musical staff 32: Treble clef, key signature of two flats, 4/4 time. Measures 32-35. Features eighth-note patterns with accents and slurs.

36

Musical staff 36: Treble clef, key signature of two flats, 4/4 time. Measures 36-39. Features eighth-note patterns with accents, slurs, and a triplet of eighth notes.

40

Musical staff 40: Treble clef, key signature of two flats, 4/4 time. Measures 40-42. Features eighth-note patterns with accents, slurs, and sextuplets.

43

Musical staff 43: Treble clef, key signature of two flats, 4/4 time. Measures 43-45. Features eighth-note patterns with accents, slurs, and sextuplets.

46

Musical staff 46: Treble clef, key signature of two flats, 4/4 time. Measures 46-48. Features eighth-note patterns with accents, slurs, and sextuplets.

49

Musical staff 49: Treble clef, key signature of two flats, 4/4 time. Measures 49-51. Features eighth-note patterns with accents, slurs, and sextuplets.

52

Musical staff 52: Treble clef, key signature of two flats, 4/4 time. Measures 52-54. Features eighth-note patterns with accents, slurs, and a triplet of eighth notes.