

Matti Sunell
(2006)

Mellunkylän kontrapunkti

marimballe ja elektroniikalle,
marimballe ja nauhalle tai
kymmenelle marimballe

Mellunkylä counterpoint

for marimba and electronics,
marimba and tape or
ten marimbas

Esitysohjeet

Kappaleessa on kymmenen soitinosuutta. Yhden niistä esittää marimbansoittaja ja yhdeksän muuta toistetaan elektronisesti. Tarvitaan tietokoneohjelma tai laitteisto, jolla voidaan tarkasti äänittää ja toistaa lyhyitä musiikin jaksoja. Säveltäjä on käyttänyt Liveä ja Max/MSP:tä, mutta tekeillä on Max/MSP:llä laadittu esitysohjelma.

Marimbansoittaja ohjaa äänitys- ja toistotapahtumia esimerkiksi MIDI-pedaalin avulla. Hakasella merkityt yhden tai kahden tahdin jaksot äänitetään, ja niitä aletaan toistaa heti seuraavasta tahdist alkaen. Kuusi erikseen merkittyä kahden tahdin jaksoa ovat poikkeus, sillä niitä toistetaan vasta myöhemmin kappaleessa.

Kappale voidaan esittää myös perinteisen nauhateoksen tapaan. Tässä tapauksessa esittäjän on etukäteen valmistettava äänite, jossa on osuudet Loop 1 — Loop 9 ja mahdollisesti metronimiraita.

Instructions for performance

The piece has ten instrumental parts. One is performed by the marimba player, the other nine are played electronically. A computer program or other device is required to accurately record and play back short sections of music during performance. The composer has used Live and Max/MSP. A standalone Max/MSP performance program is in the works, please see the web page.

The marimba player controls record and playback events with e.g. a MIDI pedal. The passages marked with a bracket are recorded and immediately played back as a loop. Six two-bar passages make an exception, for they are replayed later in the piece.

The piece can also be performed in the manner of a traditional tape work. In such case the performer must prepare a recording with parts Loop 1 to Loop 9 and possibly a click track in it.

Mellunkylän kontrapunkti

Mellunkylä counterpoint

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♩ = 152

Marimba

Loop 1

Loop 2

Loop 3

Loop 4

Loop 5

Loop 6

Loop 7

Loop 8

Loop 9

M

4

M

8

1

loop 1

M

11

1

14 ② loop 2

M
1
2

17

M
1
2

20

M
1
2

23 ③ loop 3

M
1
2
3

26 ④ loop 1

M
1
2
3

29 **5** loop 2 **6** loop 3

32

35 **7** loop 7, replay at bar 59

38 loop 4

41

M

1

2

3

4

Detailed description: This system contains measures 41, 42, and 43. The music is in a key with three sharps (F#, C#, G#) and a common time signature. The melody (M) is mostly silent in measures 41 and 42, with some notes in measure 43. The accompaniment consists of four staves (1-4) with rhythmic patterns of eighth and sixteenth notes.

44

⑧ loop 8, replay at bar 59

M

1

2

3

4

Detailed description: This system contains measures 44, 45, and 46. A double bar line is present at the start of measure 44. A circled number 8 is placed above measure 45, with a box containing the text 'loop 8, replay at bar 59'. The melody (M) has notes in measures 44 and 46. The accompaniment continues with rhythmic patterns in staves 1-4.

47

loop 5

M

1

2

3

4

5

Detailed description: This system contains measures 47, 48, and 49. A double bar line is present at the start of measure 47. A box containing the text 'loop 5' is placed above measure 47. The melody (M) has notes in measures 47 and 48, and is silent in measure 49. The accompaniment consists of five staves (1-5) with rhythmic patterns of eighth and sixteenth notes.

50

M

1

2

3

4

5



53

9 loop 9, replay at bar 59

loop 6

M

1

2

3

4

5

56

M

1

2

3

4

5

6

Detailed description: This block contains the musical notation for measures 56, 57, and 58. It features six staves. The top staff (M) is in bass clef and contains a melodic line with eighth notes and rests. The other five staves (1-6) are in treble clef and contain various accompaniment parts, including chords and rhythmic patterns. The key signature has three sharps (F#, C#, G#).



59

10

M

taken from bars 37-38

7

taken from bars 45-46

8

taken from bars 53-54

9

Detailed description: This block contains the musical notation for measures 59, 60, and 61. It features four staves. The top staff (M) is in treble clef and contains a melodic line. The other three staves (7-9) are in treble clef and contain accompaniment parts. The key signature has three sharps. Text boxes indicate that the music in staves 7, 8, and 9 is taken from previous sections of the piece.



62

11

loop 1

M

7

8

9

Detailed description: This block contains the musical notation for measures 62, 63, and 64. It features four staves. The top staff (M) is in treble clef and contains a melodic line. The other three staves (7-9) are in treble clef and contain accompaniment parts. The key signature has three sharps. A circled number '11' and the text 'loop 1' are placed above the first measure of the top staff.

65

M

1

7

8

9

Detailed description: This system contains measures 65, 66, and 67. It features five staves: a grand staff (M and 9) and three individual staves (1, 7, and 8). The music is in a key with two sharps (F# and C#). The grand staff (M and 9) has a whole rest in measure 65, followed by eighth-note patterns in measures 66 and 67. Staves 1, 7, and 8 contain various rhythmic patterns including eighth and sixteenth notes.

68

M

1

7

8

9

Detailed description: This system contains measures 68, 69, and 70. It features five staves: a grand staff (M and 9) and three individual staves (1, 7, and 8). The music continues with eighth-note patterns in the grand staff and various rhythmic patterns in the other staves.

71

12

loop 2

M

1

2

7

8

9

Detailed description: This system contains measures 71, 72, and 73. It features six staves: a grand staff (M and 9) and four individual staves (1, 2, 7, and 8). A circled measure number '12' is placed above the first staff of measure 71, with a 'loop 2' label below it. The music continues with eighth-note patterns in the grand staff and various rhythmic patterns in the other staves.

74

M

1

2

7

8

9

Detailed description: This block contains the musical notation for measures 74, 75, and 76. It features six staves: a grand staff (M) and five individual staves (1-9). The music is in a key with two sharps (F# and C#). Measure 74 shows a melodic line in the grand staff and accompaniment in staves 1-9. Measures 75 and 76 continue the piece with similar melodic and accompanimental patterns.



77

13

loop 3

M

1

2

7

8

9

Detailed description: This block contains the musical notation for measures 77, 78, and 79. It features six staves: a grand staff (M) and five individual staves (1-9). The music is in a key with two sharps (F# and C#). Measure 77 shows a melodic line in the grand staff and accompaniment in staves 1-9. Measures 78 and 79 continue the piece. A circled number '13' is placed above measure 79, with a box labeled 'loop 3' below it, indicating a specific loop or section marker.

80

M

1

2

3

7

8

9

Detailed description: This block contains the musical notation for measures 80, 81, and 82. It features a grand staff with nine staves. The top staff is labeled 'M'. The key signature has two sharps (F# and C#). The time signature is 4/4. The notation includes various rhythmic values such as eighth and sixteenth notes, rests, and beams. A double bar line is present at the end of measure 80.



83

M

14

loop 7, replay at bar 107

1

2

3

7

8

9

Detailed description: This block contains the musical notation for measures 83, 84, and 85. It features a grand staff with nine staves. The top staff is labeled 'M'. The key signature has two sharps (F# and C#). The time signature is 4/4. A circled number '14' is placed above the first staff of measure 85, with a line pointing to the text 'loop 7, replay at bar 107'. The notation includes various rhythmic values such as eighth and sixteenth notes, rests, and beams.

86 loop 4



89 8va-----

15 loop 8, replay at bar 107

92 (8)

95 (8)

loop 5

98

M

1

2

3

4

5

7

8

9

101 **16** loop 9, replay at bar 107 loop 6

M

1

2

3

4

5 ⁽⁸⁾

7

8

9

104

M

1

2

3

4

5

6

7

8

9



107 **17**

M

7

8

9

taken from bars 85-86

taken from bars 93-94

taken from bars 101-102

110 18 loop 1

M
7
8
9



113

M
1
7
8
9



116

M
1
7
8
9

119 **19** loop 2

M

1

2

7

8

9

(8)

Detailed description: This musical score block covers measures 119, 120, and 121. It is labeled 'loop 2'. The score is written for six staves: M (Melody), 1, 2, 7, 8, and 9. The key signature has one flat (B-flat). The time signature is 4/4. The melody (M) starts with a quarter rest, followed by eighth notes G4, A4, Bb4, and C5. Staves 1 and 2 play eighth-note accompaniment. Staff 7 plays a bass line with quarter notes G3, A3, Bb3, and C4. Staff 8 plays a bass line with quarter notes G3, A3, Bb3, and C4. Staff 9 plays a bass line with quarter notes G3, A3, Bb3, and C4. A circled '8' is placed below staff 8 in the first measure.



122

M

1

2

7

8

9

(8)

Detailed description: This musical score block covers measures 122, 123, and 124. The score is written for six staves: M (Melody), 1, 2, 7, 8, and 9. The key signature has one flat (B-flat). The time signature is 4/4. The melody (M) starts with a quarter rest, followed by quarter notes G4, A4, and Bb4. Staves 1 and 2 play eighth-note accompaniment. Staff 7 plays a bass line with quarter notes G3, A3, Bb3, and C4. Staff 8 plays a bass line with quarter notes G3, A3, Bb3, and C4. Staff 9 plays a bass line with quarter notes G3, A3, Bb3, and C4. A circled '8' is placed below staff 8 in the first measure.

20

loop 3

125

Musical score for measures 125-127. The score is in 6/8 time and consists of nine staves. The top staff (M) is the melody. The other staves (1-9) are accompaniment. A circled measure number '20' is above the third measure of the top staff, with a box labeled 'loop 3' below it. A dashed line with a circled '8' is between staves 7 and 8.



128

Musical score for measures 128-130. The score is in 6/8 time and consists of nine staves. The top staff (M) is the melody. The other staves (1-9) are accompaniment. A dashed line with a circled '8' is between staves 7 and 8.

131

M

1

2

3

7

8

9

(8)

Detailed description: This block contains a musical score for measures 131, 132, and 133. It features nine staves. The top staff is labeled 'M'. The staves are numbered 1, 2, 3, 7, 8, and 9. A circled number '8' is placed above the eighth staff. The music is written in a key with one flat and a 3/4 time signature. The notation includes various note values, rests, and articulation marks.



134

21 loop 4

M

1

2

3

7

8

9

(8)

Detailed description: This block contains a musical score for measures 134, 135, and 136. It features nine staves. The top staff is labeled 'M'. The staves are numbered 1, 2, 3, 7, 8, and 9. A circled number '21' is placed above the first staff, with a box labeled 'loop 4' next to it. A circled number '8' is placed above the eighth staff. The music is written in a key with one flat and a 3/4 time signature. The notation includes various note values, rests, and articulation marks.

137 8^{va}-----

M

1

2

3

4

7

8

9



140 (8)

M

1

2

3

4

7

8

9

22

loop 5

143 (8)

M

1

2

3

4

5

7

8

9

8^{va}

(8)

146

M

1

2

3

4

5

7

8

9

This musical score consists of nine staves, labeled M, 1, 2, 3, 4, 5, 7, 8, and 9. The music is written in a key signature of one flat (B-flat) and a common time signature (C). The score is divided into three measures. Staff M begins with a whole rest, followed by a bass clef and a melodic line. Staves 1 through 9 contain various rhythmic patterns, including eighth and sixteenth notes, and rests. Staves 5 and 8 feature a circled '8' above the staff line, indicating an eighth rest. The notation includes stems, beams, and various note heads.

149

23 loop 6

Musical score for 9 staves, measures 149-151. The score is written in a 12-measure system with a 3-measure loop. The first staff (M) is in bass clef, and the remaining staves (1-9) are in treble clef. The key signature has one flat (B-flat). The notation includes various rhythmic values such as eighth and sixteenth notes, rests, and slurs. A circled measure number '23' and the text 'loop 6' are positioned above the first staff. A dashed line with a circled '8' above it is present in the fifth and eighth staves, indicating an octave shift.

M

1

2

3

4

5

6

7

8

9

Detailed description: This is a musical score for a 9-staff ensemble. The score is written in 3/4 time with a key signature of one flat (B-flat). The first staff, labeled 'M', is in bass clef and contains a melodic line with eighth and sixteenth notes, including a triplet of eighth notes. The remaining eight staves (1-9) are in treble clef. Staves 5 and 8 have a circled '8' above the first measure, indicating an eighth rest. The music is organized into three measures. The first measure shows the initial melodic entries for several parts. The second measure continues the development of these lines. The third measure concludes the passage with various rhythmic patterns and rests.

155

M

1

2

3

4

5

6

7

8

9

(8)

(8)

Detailed description: This is a musical score for ten staves, labeled M, 1, 2, 3, 4, 5, 6, 7, 8, and 9. The score is written in a key signature of one flat (B-flat) and a common time signature (C). The first staff (M) is in treble clef, while the remaining staves (1-9) alternate between treble and bass clefs. The music consists of various rhythmic patterns, including eighth and sixteenth notes, rests, and beams. A rehearsal mark (8) is placed above the first staff of the fifth system (staff 5) and above the first staff of the eighth system (staff 8). The score is organized into three measures per system, with a double bar line at the end of each system.

24

158

loop 7

M

1

2

3

4

5

6

7

8

9

Detailed description: This is a musical score for a 9-part ensemble. The score is written in 3/4 time with a key signature of one flat (B-flat). It consists of nine staves, numbered 1 through 9. The first staff is labeled 'M'. Above the first staff, the number '158' is written. Above the second staff, the number '24' is circled, and a box labeled 'loop 7' is positioned above the first measure of the second staff. The music is written in treble clef for staves 1-5 and bass clef for staves 6-9. The notation includes various rhythmic values such as eighth and sixteenth notes, rests, and ties. A dashed line with a circled '8' above it is present above staves 5 and 8, likely indicating an octave transposition. The score is divided into three measures by vertical bar lines.

161

M

1

2

3

4

5

6

7

8

9

Detailed description: This is a musical score for nine staves, numbered 1 through 9. The first staff is labeled 'M'. The music is in a key with one flat (B-flat) and a 3/4 time signature. The score is divided into three measures. Staff 1 (M) has a whole rest in the first two measures and a half note chord (F4, C5) in the third. Staff 2 has a rhythmic pattern of eighth notes and quarter notes. Staff 3 has a similar rhythmic pattern. Staff 4 has a pattern of quarter notes and eighth notes. Staff 5 has a pattern of eighth notes and quarter notes, with a circled '8' above the first measure. Staff 6 has a pattern of quarter notes and eighth notes. Staff 7 has a pattern of quarter notes and eighth notes. Staff 8 has a pattern of quarter notes and eighth notes, with a circled '8' above the first measure. Staff 9 has a pattern of quarter notes and eighth notes.

164

M

1

2

3

4

5

6

7

8

9

This musical score consists of ten staves, labeled M, 1, 2, 3, 4, 5, 6, 7, 8, and 9. The music is written in a key signature of one flat (B-flat) and a common time signature (C). The score is divided into three measures. Staff M begins with a treble clef and a key signature change to one flat. Staff 5 and staff 8 each have a circled number '8' above them, indicating an eighth rest. The notation includes various rhythmic values such as eighth notes, quarter notes, and half notes, along with rests and ties. The staves are connected by a vertical line on the left side.

167 **25** loop 8

M

1

2

3

4

5 ⁽⁸⁾

6

7

8 ⁽⁸⁾

9

170

M

1

2

3

4

5

6

7

8

9

The musical score consists of ten staves. The first staff, labeled 'M', begins with a whole-measure rest. The remaining staves (1-9) contain rhythmic accompaniment. Staff 5 has a circled '8' above the first measure. The notation includes eighth and sixteenth notes, rests, and a key signature of one flat. The score is organized into three measures across the staves.

173

26 loop 9

Musical score for 9 staves, measures 173-175. The score is in 6/8 time and features a key signature of one flat (B-flat). The notation includes various rhythmic patterns such as eighth and sixteenth notes, rests, and ties. A circled measure number '26' is positioned above the third measure of the first staff, with a 'loop 9' label below it. A dashed line with a circled '8' above it spans across the fifth staff in the first measure. The staves are labeled M, 1, 2, 3, 4, 5, 6, 7, 8, and 9 from top to bottom.

176

M

1

2

3

4

5

6

7

8

9

Detailed description: This is a musical score for ten staves. The first staff is labeled 'M' and uses a bass clef. Staves 1 through 9 use a treble clef. The music consists of rhythmic patterns of eighth and sixteenth notes, often with rests. A circled number '8' is placed above the first note of the fifth staff. A dashed horizontal line is drawn across the top of the fifth staff. The score is organized into three measures across the ten staves.

179

Musical score for measures 179-181, featuring nine staves. The notation includes treble and bass clefs, a key signature of one flat, and various rhythmic values such as eighth and sixteenth notes. A circled number 8 is positioned above the fifth staff in the first measure. The score is organized into three measures across the nine staves.



182

Musical score for measures 182-184, featuring nine staves. The notation includes treble and bass clefs, a key signature of one flat, and various rhythmic values such as eighth and sixteenth notes. A circled number 8 is positioned above the fifth staff in the first measure. The score is organized into three measures across the nine staves.

185 (8)

Musical score for measures 185-187, measures 5-9. The score is written in a system of five staves. Staves 5 and 7 are in treble clef, while staves 6, 8, and 9 are in bass clef. The key signature has one flat (B-flat). The music consists of eighth and sixteenth notes with various rests. A dashed line above the first staff indicates a measure repeat sign.



188

Musical score for measures 188-190, measures 6-9. The score is written in a system of four staves. Staves 7 and 8 are in treble clef, while staves 6 and 9 are in bass clef. The key signature has one flat (B-flat). The music consists of eighth and sixteenth notes with various rests.



191

Musical score for measures 191-192, measures 8-9. The score is written in a system of two staves. Staff 8 is in treble clef and staff 9 is in bass clef. The key signature has one flat (B-flat). The music consists of eighth and sixteenth notes with various rests.



193

Musical score for measures 193-194, measure 9. The score is written in a system of one staff in bass clef. The key signature has one flat (B-flat). The music consists of eighth and sixteenth notes with various rests, ending with a double bar line.