

♩ = 120

PART 0
Section 0

PART I

Key. *LUFT!*

fff pp p fff pp mf ffff mf mp pp

ffff mf mp fff pp fff p fff fff p pp ffff mf

Section 1
LUFT!

mp fff mp p pp p pp p

mp p ppp mp p

p p p p p p

Section 2

LUFT!

fff pp fff pp fff mf ffff mf

ffff pp fff mf mp f pp fff pp fff

PART 1
Section 3

KEYBOARD!

p

Section 4
KEYBOARD!

p

Section 5

LUFT!

2

74

89

98

Section 6

KEYBOARD!

105

Section 7

KEYBOARD!

112

PART 2

Section 8

LUFT!

116

123

123

fff *p* *fff* *mf* *fff* *ff* *fff*

Section 9

KEYBOARD!

Detailed description: This block contains the musical notation for Section 9, measures 123 to 128. It features a grand staff with treble and bass clefs. The music is in a key with one flat (B-flat major or D minor) and a 2/4 time signature. The notation includes various dynamics such as *fff*, *p*, *mf*, and *ff*. There are also articulation marks like accents and slurs, and a triplet of eighth notes in measure 125.

129

129

p

Section 10

LUFF!

Detailed description: This block contains the musical notation for Section 10, measures 129 and 130. It features a grand staff with treble and bass clefs. The music is in a key with one flat and a 2/4 time signature. The notation includes various dynamics such as *p*. There are also articulation marks like accents and slurs.

131

131

mp *fff* *p* *fff* *pp*

Section 11

KEYBOARD!

Detailed description: This block contains the musical notation for Section 11, measures 131 to 138. It features a grand staff with treble and bass clefs. The music is in a key with one flat and a 2/4 time signature. The notation includes various dynamics such as *mp*, *fff*, *p*, and *pp*. There are also articulation marks like accents and slurs, and a triplet of eighth notes in measure 135.

139

139

p *pp* *mf* *fff* *mp* *fff pp* *fff*

Detailed description: This block contains the musical notation for Section 11, measures 139 to 144. It features a grand staff with treble and bass clefs. The music is in a key with one flat and a 2/4 time signature. The notation includes various dynamics such as *p*, *pp*, *mf*, *fff*, *mp*, *fff pp*, and *fff*. There are also articulation marks like accents and slurs, and a triplet of eighth notes in measure 142.

Section 12

LUFT!

"Cluster" mit beiden Unterarmen
156 ohne die Tasten zu berühren

151 *p*

157 *mp* 12

Section 14

KEYBOARD!

157 Cluster mit beiden Unterarmen in der Mitte der Tastatur: beim 1. Anschlag das c' unbedingt spielen.

157 *p*

163 *fff* *mf* *pp* *fff* *pp* *pp* *fff* *mf* *fff* *mp*

172 *pp* *fff* *p* *pp* *fff* *mf*

Section 15

KEYBOARD SEMPRE! --->

172 *pp* *fff* *p* *pp* *fff* *mf*

181 *fff* *pp* *ppp* *pp* *fff* *pp* *fff* *mf* *fff*

pp *ff* *fff* *p* *fff* *pp*

PART 3
Section 16

Musical score for Section 16, measures 193-199. The score is written for piano in 3/4 time. It features a complex melodic line in the right hand with many triplets and a more rhythmic accompaniment in the left hand. Dynamic markings include *mp*. There are several upward-pointing arrows and a '3' marking indicating a triplet. A '3' with a downward arrow is also present in the left hand.

Section 17

Musical score for Section 17 and Section 18, measures 205-216. Section 17 (measures 205-210) is in 3/4 time and features a dense texture of chords and triplets in the right hand, with a *p* dynamic. Section 18 (measures 210-216) is in 4/4 time and features a more melodic line in the right hand with dynamics ranging from *pp* to *fff*. The left hand provides a steady accompaniment with dynamics of *mf*, *fff*, and *pp*. There are several upward-pointing arrows and '3' markings indicating triplets.

Section 19

Musical score for Section 19, measures 216-222. The score is written for piano in 4/4 time. It features a complex melodic line in the right hand with many triplets and a more rhythmic accompaniment in the left hand. Dynamic markings include *mf*. There are several upward-pointing arrows and '3' markings indicating triplets.

6
223

Section 20

227

Section 21

PART 4
Section 22

245

Musical score for measures 253-262. The score is written for piano in a key with one flat (B-flat major or D minor). It features a complex rhythmic pattern with many triplets and dynamic markings. The upper staff starts with a fortissimo (ff) dynamic, followed by piano (p), mezzo-forte (mf), and fortissimo (ff) dynamics. The lower staff starts with fortissimo (ff) and mezzo-piano (mp) dynamics, followed by fortissimo (ff) and mezzo-forte (mf) dynamics. The piece concludes with a mezzo-forte (mf) dynamic.

Musical score for measures 263-276. This section continues the complex rhythmic and dynamic patterns from the previous section. It includes numerous triplets and dynamic markings such as fortissimo (ff), mezzo-forte (mf), and piano (p). The upper staff features a variety of rhythmic figures, while the lower staff provides a steady accompaniment with frequent triplets.

PART 5
Section 23

Musical score for measures 277-286. This section begins with a double bar line and a key signature change to two flats (B-flat major or D minor). The upper staff starts with a fortissimo (fff) dynamic, followed by piano (p). The lower staff features a series of triplets and concludes with a dynamic marking of 8. The piece ends with a double bar line.

Section 24

Section 25

Section 26

Section 27

Section 28

Section 29

Musical score for Section 29, measures 301-317. The score is written for piano in 4/4 time. It consists of four systems of two staves each (treble and bass clef). The key signature is one flat (B-flat major or D minor). The score includes various musical notations such as triplets, slurs, and dynamic markings. The dynamics range from *mf* (mezzo-forte) to *ffff* (fortississimo). The piece concludes with a double bar line and repeat dots at the end of measure 317.

Measures 301-305: Treble clef starts with a dynamic of *mf*. Bass clef features triplets and slurs. Dynamics include *f* and *ffff*.

Measures 306-311: Treble clef continues with triplets and slurs. Dynamics include *ffff* and *f*. Bass clef features triplets and slurs.

Measures 312-316: Treble clef continues with triplets and slurs. Bass clef features triplets and slurs.

Measures 317: Treble clef features triplets and slurs. Bass clef features triplets and slurs. The system ends with a double bar line and repeat dots.

Musical score for measures 320-323. The score is written for piano in 4/4 time. It features a complex melodic line in the right hand with frequent triplets and a more rhythmic accompaniment in the left hand. Measure 323 ends with a downward-pointing arrow above the staff.

Section 30

Musical score for Section 30, measures 324-327. The score is written for piano in 4/4 time. It features a complex melodic line in the right hand with frequent triplets and a more rhythmic accompaniment in the left hand. The section ends with a double bar line.

Musical score for Section 31, measures 324-332. The score is written for piano in 4/4 time. It features a complex melodic line in the right hand with frequent triplets and a more rhythmic accompaniment in the left hand. The section ends with a double bar line.

Section 31

Musical score for Section 32, measures 333-334. The score is written for piano in 4/4 time. It features a complex melodic line in the right hand with frequent triplets and a more rhythmic accompaniment in the left hand. The section ends with a double bar line.

Section 32

Section 33

Musical score for Section 33, measures 335-338. The score is written for piano in 4/4 time. It features a complex melodic line in the right hand with frequent triplets and a more rhythmic accompaniment in the left hand. The section ends with a double bar line.

Section 34

343

343

343

343

343

f

fff

pp

mf

fff

8

PART 6
Section 35

352

352

pp

p

fff

pp

fff

mf

p

mp

fff

mp

pp

fff

mf

358

358

pp

fff

mf

mp

p

pp

fff

pp

fff

mf

fff

pp

ppp

fff

ff

fff

pp

fff

mf

fff

ff

mf

pp

mf

fff

ff

fff

pp

mf

fff

367

367

mf

fff

pp

pp

fff

pp

fff

pp

fff

mf

pp

fff

ff

fff

pp

pp

p

fff

mf

pp

pp

Section 36

Section 37

377

ff

mf

8

Section 38

Section 39

384

p

ff

8

Musical score for measures 388-394. The score is written for piano in 4/4 time. It features three staves: Treble, Middle, and Bass. Measure 388 starts with a treble clef, a key signature of one flat, and a 4/4 time signature. The music consists of complex chords and triplets. Measure 389 continues with similar textures, including triplets and a fermata. Measure 390 shows a change in texture with sustained chords. Measure 391 has a fermata over a chord. Measure 392 has a fermata over a chord. Measure 393 has a fermata over a chord. Measure 394 ends with a double bar line. There are several '3' markings above notes indicating triplets.

Section 40

Musical score for measures 395-403. The score is written for piano in 4/4 time. It features three staves: Treble, Middle, and Bass. Measure 395 starts with a treble clef, a key signature of one flat, and a 4/4 time signature. The music consists of complex chords and triplets. Measure 396 continues with similar textures, including triplets and a fermata. Measure 397 has a fermata over a chord. Measure 398 has a fermata over a chord. Measure 399 has a fermata over a chord. Measure 400 has a fermata over a chord. Measure 401 has a fermata over a chord. Measure 402 has a fermata over a chord. Measure 403 ends with a double bar line. There are several '3' markings above notes indicating triplets. A dynamic marking of *p* is present at the start, and *fff* is present at the end. A *Cresc.* marking is also present.

Section 41

Musical score for measures 404-408. The score is written for piano in 3/4 time. It features a single staff with a treble clef. Measure 404 starts with a treble clef, a key signature of one flat, and a 3/4 time signature. The music consists of a sequence of notes, some with accidentals. Measure 405 continues with similar textures. Measure 406 has a fermata over a chord. Measure 407 has a fermata over a chord. Measure 408 ends with a double bar line. A dynamic marking of *p* is present at the start.

Section 42

Section 43
Glissando auf weißenTasten

PART II

Auf Computer-Tastatur immer langsam eintippen -->

~20"

Section 44 (PC-Tastatur)

Wir müssen ans musikalische Material gehen. (Helmut Lachenmann)

~10"

Section 45 (PC-Tastatur)

Den 7.Lautsprecher holen.

Material I[R]
[R]
A H C D E F G[R]

Section 46 (~48")

Solange Klang aus den Boxen 1-6 kommt.

~5" ~43"

ffz

Section 47 (PC-Tastatur)

Material II[R]
[R]
C H B A As G Gs F E Es D Des[R]

Section 48 (~35")

♩ = 120 Wiederholen solange Klang aus den Boxen 1-6 kommt.~35"

Mit zwei Händen.

ff

Section 49 (PC-Tastatur)

Material III[R]
[R]
1234567890QqWwEeRrTtZzUuIiOoPpÜüAaSsDdFf
GgHhJjKkLlÖöÄäYyXxCcVvBbNnMm [R]

Section 50 (~42")

Den Cluster ~ 42" allmählich ausdünnen
solange Klang aus den Boxen 1-6
kommt.

445 Cluster mit beiden Unterarmen.
dolce
ppp

Section 51 (~3")

Die restlichen Cluster-Tasten loslassen:
Section 51 wird getriggert.

Section 52 (PC-Tastatur)

Nach der Eingabe jeder Zahl - Return drücken!

Fibonacci-Komposition [R]

[R]			
1 [R]	13 [R]	233 [R]	4181 [R]
1 [R]	21 [R]	377 [R]	6765 [R]
2 [R]	34 [R]	610 [R]	10964 [R]
3 [R]	55 [R]	987 [R]	17711 [R]
5 [R]	89 [R]	1597 [R]	
8 [R]	144 [R]	2584 [R]	

Section 53 (~4")

Solange Klang
aus den Boxen 1-6
kommt.

445 Cluster mit beiden Unterarmen.
c'
sffz

Section 54 (~29") 15

Wiederholen
solange Klang aus den Boxen 1-6
kommt.

445 Cluster mit beiden Unterarmen.
c'
sffz sffz sffz sffz

Section 55 (~15")

454 ~15"
pp

Section 56 (~13")

~12"
f
Glissando auf schwarzen Tasten
Glissando auf weißen Tasten

Section 57 (PC-Tastatur)

Ausdrucksmusik [R]
[:-(

Section 58 (~23")

~23"
sffz

Section 59

♩ = 120
Lachenmann_Iter01

467 f

~12"

Section 60 (~2")

~2"
pppp

Section 61 (PC-Tastatur)

Nach der Eingabe "Algorithmische Komposition"
1 Mal Enter drücken.

Musical notation for Section 61 (PC-Tastatur) showing a piano keyboard layout with measure numbers 473 and 473. A small asterisk symbol is at the bottom.

Algorithmische Komposition[R]

Section 62

Musical notation for Section 62 in 4/4 time, tempo 120. It features a complex melodic line with triplets and a bass line with chords. Measure numbers 473 and 473 are indicated. A duration of ~14" is noted. The piece is marked with a forte *f* dynamic. The name "Lachenmann_Iter02" is written below the staff.

Section 64

Musical notation for Section 64 in 4/4 time, tempo 120. It features a melodic line with triplets and a bass line with chords. Measure numbers 481 and 481 are indicated. A duration of ~6" is noted. The piece is marked with a forte *f* dynamic. The name "Lachenmann_Iter03" is written below the staff.

Section 63

Musical notation for Section 63 in 4/4 time, tempo 120. It features a melodic line with triplets and a bass line with chords. Measure numbers 481 and 481 are indicated. A duration of ~6" is noted. The piece is marked with a pianissimo *pppp* dynamic. An arrow points from this section to Section 64.

Section 65 (~4")

Musical notation for Section 65 in 4/4 time, tempo 120. It features a melodic line with triplets and a bass line with chords. Measure numbers 486 and 486 are indicated. A duration of ~4" is noted. The piece is marked with a fortissimo *ffz* dynamic. An arrow points from this section to Section 66.

Section 66 (PC-Tastatur)

Musical notation for Section 66 (PC-Tastatur) showing a piano keyboard layout. The text "Europäische Musik / Ausdrucksmusik[R]" and "[R] € :-)" is written above the keyboard. A small asterisk symbol is at the bottom.

Abwarten bis die Zahl 66 auf dem Laptop-Bildschirm
erscheint. Bei der Section braucht er
mehr Zeit zum Laden

Section 67

Lachenmann_Iter04

♩ = 120

496

f

496

Section 68 (~15")

Section 69

♩ = 120

500

~15"

f

500

Lachenmann_Iter05

Section 71

Lachenmann_Iter06

♩ = 120

507

~11"

f

507

Section 72

Lachenmann_Iter07

~9" $\text{♩} = 120$

515

515

f

8

3/4 + 3/16

3/4 + 3/16

520

520

520

520

~2" $\text{♩} = 60$

Section 73

Alle Töne spielen!

mf

8

12/4

Section 74

524

524

*

Sich ins Publikum hinsetzen.
 Da bleiben, solange Klang
 aus den Boxen 1-6 kommt
 Wenn es vorbei ist,
 zum Keyboard zurückkehren.



Section 98

PART III

Startet
Clicktrack: 2 4/4-Takte
Vorzeichen

$\text{♩} = 120$

526

1 2 3 4 5 6 7 8

Chromatisches Cluster
c-as

9 10 11 12 13 14 15 16 17 18 19 20 21 22

23 24 25 26 27 28 29 30 31 32 33 34

35 36 37 38 Chr. Cluster g'-h'

39 40 41 42

43 44 45 46

ff

Musical score for piano, measures 47-68. The score is written in a key signature of two flats (B-flat and E-flat) and a 2/4 time signature. The music is arranged in five systems, each with a treble and bass staff. Measure numbers 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, and 68 are indicated above the treble staff. The score features complex chordal textures and melodic lines in both hands, with various articulations and dynamics. The final measure (68) ends with a double bar line and a 2/4 time signature.

This musical score is for a piano piece, spanning measures 69 to 109. It is written in a 2/4 time signature and features a key signature of one flat (B-flat). The score is organized into several systems of staves. The first system includes measures 69-73, with measure 69 being a whole rest in the right hand and a half note in the left hand. The second system covers measures 74-78. The third system contains measures 79-83. The fourth system includes measures 84-88, with measure 87 being a whole rest in the right hand. The fifth system covers measures 89-93. The sixth system includes measures 94-98. The seventh system contains measures 99-104, with measure 104 ending with a double bar line and repeat sign. The eighth and final system covers measures 105-109. The notation includes various rhythmic values, accidentals, and dynamic markings.

22

110 111 112 113

114 115 116 117 118 119 120 121 122

123 124 125 126

127 128 129 130 131 132 133 134

135 136 137 138 139 140 141 142

143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158

159 160 161 162 163 164 165

166 167 168 169 170 171

172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190

Detailed description: This is a piano score for measures 110 through 190. The music is written in a grand staff with a treble and bass clef. The key signature has one flat (B-flat). The time signature is 8/8. The score is divided into measures, with measure numbers 110 through 190 printed above the notes. The music features a variety of rhythmic patterns, including eighth and sixteenth notes, and rests. There are several dynamic markings, such as *mf* and *f*. The score concludes with a double bar line and a repeat sign at measure 180.

191 192 193 194 195 196 197 198 199

200 201 202 203 204 205 206

Abwarten bis der Klang aus allen Boxen aufhört.

Section 99

♩ = 200

♩ = 120

♩ = 96

♩ = 48

♩ = 120

♩ = 92

♩ = 60

♩ = 108

♩ = 184

♩ = 114

♩ = 50

ppp