

TURBULENCE

for piano, visuals and electronics

2009

Composed in comission of Performing Arts Found Netherlands

Turbulence

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ca 9min 30 sec

Computer

$\text{♩} = 120$

4/4

high sine

pp

9

high sine

pp

mp

18

25

33

36

pp

41

high sine

ppp

Turbulence

44

high sine

ff *p* *pp*

54

high sine

pp

60

GIVE SIGNAL TO PIANIST

high sine

mp
una chorda

8^{va}

66

mf

(8^{va})

8^{va}

Turbulence

5

high sine

71

mp

71 (8^{va})

71 (8^{va})

76

(8^{va})

76

f

mp

76 (8^{va})

Red.
tre cordi

81

p

81 (8^{va})

81 (8^{va})

mf *mp*

high sine

86

(8va)

86

p

(8va)

86

91

(8va)

91

Rea

(8va)

91

98

(8va)

98

f

una chorda

98

103

103

8va-

mp

8va-

3

3

tre cordi

110

110

8va-

3

3

115

115

f

una chorda

Ped.

GIVE SIGNAL TO PIANIST

bass

120

pp

120

120

f

3

una chorda

127

127

127

133

133

133

SIGNAL IN TAPE FOR PIANO

pp

f

140

140

pass

140

140

f

Musical score for measures 140-145. The top staff (piano) has a treble clef and a key signature of one flat. It contains a sequence of eighth notes with rests. The bottom staff (piano) has a bass clef and contains a sequence of eighth notes with rests. A 'pass' instruction is written above the bottom staff at measure 140. A dynamic marking 'f' is written above the bottom staff at measure 145.

146

high sine

146

146

mp

7

7

Musical score for measures 146-151. The top staff (piano) has a treble clef and a key signature of one flat. It contains a sequence of eighth notes with rests. The bottom staff (piano) has a bass clef and contains a sequence of eighth notes with rests. A 'high sine' instruction is written above the top staff at measure 146. A dynamic marking 'mp' is written above the bottom staff at measure 150. Two '7' markings are written below the bottom staff at measures 147 and 150.

152

152

152

152

7

7

Musical score for measures 152-157. The top staff (piano) has a treble clef and a key signature of one flat. It contains a sequence of eighth notes with rests. The bottom staff (piano) has a bass clef and contains a sequence of eighth notes with rests. A '7' marking is written below the bottom staff at measure 153. A '7' marking is written below the bottom staff at measure 156.

This musical score for "Turbulence" is presented in a system of four staves, divided into two systems of two staves each. The top staff in each system is a violin part, and the bottom is a piano part.

First System (Measures 158-163):

- Violin (top):** Measures 158-163. The staff is mostly empty, with a few notes in measure 158 and a wavy line in measure 163.
- Piano (bottom):** Measures 158-163. Measure 158 starts with a wavy line. Measures 159-160 feature a 7-measure rest. Measures 161-162 contain a *mf* (mezzo-forte) passage. Measure 163 features a *f* (forte) passage with a 6-measure rest.

Second System (Measures 164-169):

- Violin (top):** Measures 164-169. The staff is mostly empty, with a wavy line in measure 169 labeled "high sine".
- Piano (bottom):** Measures 164-169. Measure 164 starts with a wavy line. Measures 165-166 contain a *mp* (mezzo-piano) passage. Measures 167-169 continue the piano accompaniment.

Third System (Measures 170-175):

- Violin (top):** Measures 170-175. Measures 170-171 are mostly empty. Measure 172 has a wavy line labeled "high sine". Measures 173-174 have a wavy line labeled "bass". Measure 175 has a wavy line labeled "high sine".
- Piano (bottom):** Measures 170-175. Measures 170-171 continue the piano accompaniment. Measures 172-175 continue the piano accompaniment.

Fourth System (Measures 176-181):

- Violin (top):** Measures 176-181. The staff is mostly empty.
- Piano (bottom):** Measures 176-181. Measures 176-181 continue the piano accompaniment.

Turbulence

11

The image displays a musical score for the song "The Sound of Silence" by Simon & Garfunkel. It features a piano accompaniment on the left and a vocal line on the right. The piano part is written in treble clef with a key signature of one flat (B-flat) and a 4/4 time signature. The vocal part is written in treble clef with a key signature of one flat and a 4/4 time signature. The score includes a bridge section starting at measure 178. Annotations labeled "high sine" with downward-pointing triangles are placed above the piano line at measures 180, 182, 184, 186, and 188. Annotations labeled "high sine" with upward-pointing triangles are placed above the vocal line at measures 180, 182, 184, 186, and 188. The piano line includes a bridge section starting at measure 178, marked with a double bar line and a repeat sign. The vocal line includes a bridge section starting at measure 178, marked with a double bar line and a repeat sign. The score is presented in a clean, black-and-white format with standard musical notation.

The musical score for 'The Sound of Silence' is presented in two systems. The first system shows the piano introduction (measures 1-4) and the vocal entry (measures 5-8). The piano part features a series of chords in the right hand and a single note in the left hand. The vocal part enters with a single note. The second system shows the continuation of the piano introduction (measures 9-12) and the vocal part (measures 13-16). The piano part continues with chords, and the vocal part has a series of notes. Annotations 'high sine' with upward-pointing triangles are placed above the piano part in measures 1, 5, and 9, and below the vocal part in measure 13.

The image shows a musical score for 'The Sound of Silence'. It includes a piano introduction, the vocal melody, and the piano accompaniment. The score is written in 4/4 time. The vocal line starts at measure 201 and features a 'high sine' wave. The piano accompaniment starts at measure 201 and features a 'low sine' wave. The score is written in a standard musical notation with a treble clef and a key signature of one flat (B-flat).

210

high sine

210

The musical score for 'high sine' consists of a single staff with a treble clef. The notation begins with a wavy line indicating a sine wave, followed by a series of eighth notes. A black triangle is placed above the staff, pointing to the first note. The score is divided into measures by vertical bar lines. The first measure contains the wavy line and the first note. The subsequent measures contain the remaining notes. The score ends with a double bar line.

piano sample GIVE SIGNAL TO PIANIST



215

215

low sine

use gloves

215

use gloves

tre cordi

217

217

217

218

218

218

219

This system contains measures 219 and 220. Measure 219 features a complex, dense texture with many beamed sixteenth and thirty-second notes in the treble clef. The piano accompaniment in the grand staff consists of a single note in the treble and a descending, wavy line in the bass. Measure 220 is mostly empty, with a few notes in the treble and a single note in the bass.

220

This system contains measures 220 and 221. Measure 220 shows a continuation of the piano accompaniment with a descending line in the treble and a wavy line in the bass. Measure 221 features a more active piano accompaniment with a descending line in the treble and a wavy line in the bass, followed by a single note in the bass.

221

This system contains measures 221 and 222. Measure 221 features a piano accompaniment with a descending line in the treble and a wavy line in the bass. Measure 222 shows a continuation of the piano accompaniment with a descending line in the treble and a wavy line in the bass.

222

222

222

as soon as possible

ff

Red.

224

224

224

8va

f

** Red.*

226

226

226

(8va)

Turbulence

15

high sine

228

228

(8^{va})

228

5

5

5

230

230

(8^{va})

230

7

232

232

(8^{va})

232

233

233

(8^{va})

233

233

*

235

235

high sine

for the pianist: stop playing when you hear the steady rhythm in electronic part

242

242

248

248

256

Musical score for measures 256-262. The right hand (treble clef) plays a continuous eighth-note melody. The left hand (bass clef) plays a series of chords and single notes, including a prominent bass line with a descending eighth-note pattern.

263

Musical score for measures 263-267. The right hand continues the eighth-note melody. The left hand features a more active bass line with eighth-note patterns and some rests.

268

Musical score for measures 268-276. The right hand continues the eighth-note melody. The left hand plays a steady eighth-note accompaniment.

277

Musical score for measures 277-281. The right hand continues the eighth-note melody. The left hand plays a series of chords and single notes. A dynamic marking *f* (forte) is present above the staff in measure 277.