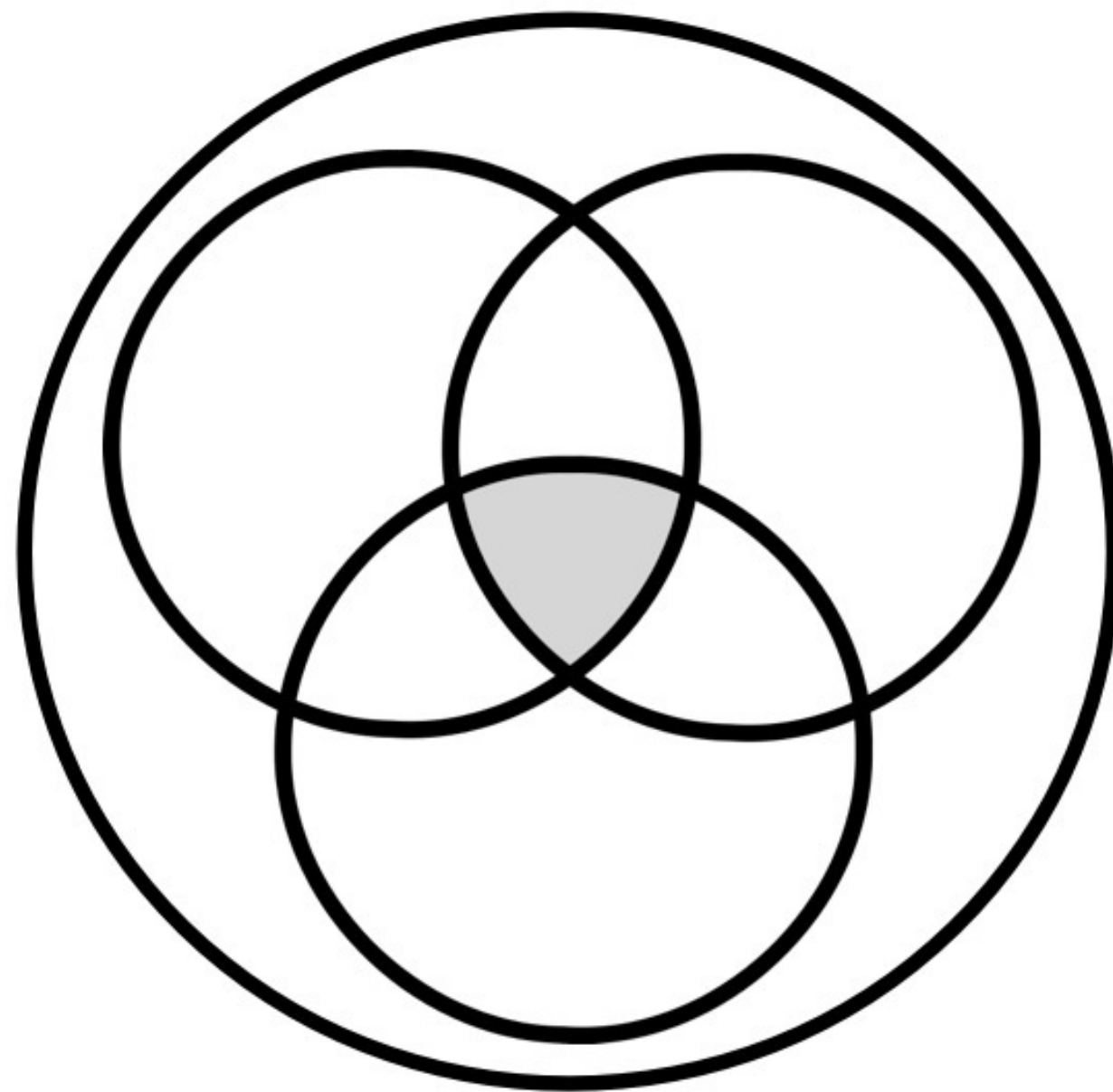


Coalesce [2]

for 2 pianos & electronics

Benjamin Van Esser

2013



Coalesce [2] was commissioned by **TRANSIT Festival**

First performance by **ChampdAction PianoDuo** at TRANSIT Festival 2013, STUK Leuven

Duration \approx 12'

Setup & Performance Notes :

SETUP

- 2 pianos are to be placed in an interlocked position.
- Audio (per piano) :
 - . 3 condenser microphones → 2 to create stereo image → to mixing desk
 - 1 as input source for the electronics → to electronics setup → to mixing desk
 - . 1 monitor (feedback electronics for pianist)
 - . 1 pair of in-ears (click track/performance instructions for pianist)
- 2 speakers (stereo) : *front of house or behind the pianos* (depending on hall size).

ELECTRONICS

Ableton Live is used to perform the electronics. All session and sample files are available from the composer (contact info below).

- Setup instructions :
 - . launch Coalesce02_PerformanceSet_Live0x.als to initialize all parameter values
 - . setup audio interface under Preferences/Audio and edit I/O settings for tracks *Pno01Live* and *Pno02Live* in session view
 - . configure click track
 - . set buffer size to 128 (or less) samples (make sure to avoid pops, clicks and other artefacts that might occur due to too small buffer size)
 - . hit spacebar to start
 - . reset the session by pressing *R*
- All electronics (including tape) are fully automated.
- In order to avoid artefacts, the system used to perform the electronics should incorporate no less than a 2.6 GHz quad core processor. 4GB RAM or more is advised.
- Use Ableton 8.4.1 or higher (both Live 8 and Live 9 session files are available from the composer).
- Since all electronics are automated it is desirable to rehearse the whole piece in the hall of the performance (editing the electronic's output levels might be necessary).
- The sound engineer should provide the audience with an optimal mix of both live and electronic output. A TouchOSC and Lemur template containing a mixer for the Live Set is included to control the mix of all electronic effects. For setup instructions and manual, visit hexler.net and/or liine.net. Alternatively, any other control interface can be configured according to the included MIDI mapping chart.

SCORE

- A to F : both pianists are to improvise on each given set of notes, taking into account the specified note value, dynamic, articulation and density (5=high ; 1=low) of each cell.
- C to F : accentuate notes at random. notes provided with a specific type of articulation must be performed as indicated in the score.
- D : the boxed motive should be repeated throughout this section. All other improvisation should be based on this motive.
- I : gradually start accentuating notes inside the tremolo figure.
- J : diamond shaped noteheads provide a rhythm to which random notes from the tremolo note sets should be improvised;
- K : rapid upward/downward motion should be comprised of random notes.
- L to M : gradually increase note duration on D4 (hold D4 while playing the other notes)
- N to O : gradually decrease note duration on D4
- Last bar : pianists should keep the tension until the reverb has faded away.
- Electronics and tape parts only display significant electronic events. They serve as guidelines for the sound engineer and provide the pianists with 'repair points'. A color coded score , in which colored passages serve as guidelines for mixing the electronics and tape, is also provided. A full graphical score on electronics and tape can be derived from the accompanying Ableton Live set.

CONTACT INFO

- info@benjaminvanesser.be
- www.benjaminvanesser.be

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♩ = 132

Piano 1

click track count-in

pp density 5

1/4 pedal →

x 6 x 4 x 3 x 3 x 2 x 4

Piano 2

click track count-in

pp density 5

1/4 pedal →

x 6 x 4 x 3 x 3 x 2 x 4

Electronics 1

click track

beat repeat chance : 6%
pitch decay : 5%

grainfreeze freeze

Electronics 2

looper01 record

Tape

rev01.wav play

27

x 8 x 4 x 32 x 21

p density 4 *mp* density 4

x 8 x 4 x 32 x 21

p density 4 *mp* density 4

beat repeat chance : 0%

looper01 play looper02 record looper02 play looper01 record

rev02.wav play rev03.wav play

97

beat repeat chance : 20%
pitch decay : 0%

looper01 play
looper02 record

rev04.wav play

rev05.wav play

rev06.wav play

mf density 3 x 19 density 3 x 15 density 2 x 13

f density 3

ff density 2

148

clusters x 11 density 2 density 1 x 10 x 10 x 10 x 10 x 10 x 23

fff mp

pedal throughout →

vol gran freeze

looper01 volume + speed

glitch.wav play

mp

mf

238

249

grainfreeze unfreeze +device off pingpong delay on delay time : 430 ms

looper01 stop

glitch.wav stop

258

8va

l.v.

8va

loop01
record

265

l.v.

marcato

ff

8vb

8va

8vb

8va

buffer shuffler
dice : 100%

delay time : 999 ms
pingpong delay
off

beat repeat

chance
0%

loop01
play reversed

buffer shuffler
on

271

Musical score for measures 271-274. The score is written for piano and includes a grand staff (bass and treble clefs) and a separate staff for the right hand. The bass clef part features a rhythmic pattern of eighth notes with various accidentals (sharps, naturals, flats) and dynamic markings such as *v* and *8^{vb}*. The treble clef part contains chords and melodic lines, with dynamic markings like *8^{va}* and *(h)*. The right hand staff shows a continuous eighth-note accompaniment.

275

Musical score for measures 275-278. This section continues the musical material from the previous system. It features the same grand staff and right-hand staff layout. The bass clef part maintains the eighth-note rhythmic pattern with dynamic markings like *v* and *8^{vb}*. The treble clef part includes chords and melodic lines with dynamic markings such as *8^{va}* and *(h)*. The right hand staff continues with the eighth-note accompaniment.

278

martellato

piu f

8^{va}

8^{vb}

M

70%

0%

281

martellato

piu f

8^{va}

8^{vb}

M

70%

0%

284 N

Musical score for measures 284-287. The score is written for a grand staff (two piano parts) and three percussion parts. The piano parts are marked *ff* and include *8va* and *8vb* markings. The percussion parts are marked *f*.

288

O

Musical score for measures 288-291. The score is written for a grand staff (two piano parts) and three percussion parts. The piano parts are marked *ff* and include *8va* and *8vb* markings. The percussion parts include *freeze* and *reverb pno 1 20%* markings.

Musical score for measures 292-296. The score includes a grand staff with piano and violin parts, and a MIDI piano part. The piano part features a sequence of chords with a 'freeze' effect. The violin part has a melodic line with a 'freeze' effect. The MIDI piano part includes a 'freeze' effect and a 'reverb pno 2 20%' effect.

Musical score for measures 297-301. The score includes a grand staff with piano and violin parts, and a MIDI piano part. The piano part features a sequence of chords with a 'freeze' effect. The violin part has a melodic line with a 'freeze' effect. The MIDI piano part includes a 'microlooper on cresc al fine' effect and an 'audbeat.wav play' effect.

307

Musical score for measures 307-315. The system consists of two grand staves (treble and bass clefs) and three empty staves below. The notation includes chords with 'v' (vibrato) and '8va' (octave up) markings. Measure 307 starts with a treble clef chord (F#4, A4, C5) and a bass clef chord (F2, A2, C3). The piece concludes with a final chord in measure 315: treble clef (F#4, A4, C5) and bass clef (F2, A2, C3).

316

Musical score for measures 316-324. The system consists of two grand staves (treble and bass clefs) and three empty staves below. The notation includes chords with 'v' (vibrato) and '8va' (octave up) markings. Measure 316 starts with a treble clef chord (F#4, A4, C5) and a bass clef chord (F2, A2, C3). The piece concludes with a final chord in measure 324: treble clef (F#4, A4, C5) and bass clef (F2, A2, C3).

Musical score for measures 324-331. The score consists of two systems of piano accompaniment. Each system includes a treble clef staff and a bass clef staff. The first system shows chords and some melodic lines in both staves. The second system shows chords in both staves. There are three empty staves below each system. The music includes various chord symbols like V, V^b, and V[#]. There are also some markings like 8va and 8va⁺ above certain notes.

Musical score for measures 332-339. The score consists of two systems of piano accompaniment. Each system includes a treble clef staff and a bass clef staff. The first system shows chords and some melodic lines in both staves. The second system shows chords in both staves. There are three empty staves below each system. The music includes various chord symbols like V, V^b, and V[#]. There are also some markings like 8va and 8va⁺ above certain notes.

340

Musical score for measures 340-345, first system. Treble and bass staves with various chords and dynamics. Includes markings such as *8va*, *8va-1*, and *8va*.

Musical score for measures 340-345, second system. Treble and bass staves with various chords and dynamics. Includes markings such as *8va*, *8va-1*, and *8va*.

Empty musical staves for measures 340-345, third system.

346

Musical score for measures 346-351, first system. Treble and bass staves with dynamics *ff* and *sf*. Includes markings such as *8va*, *8va-1*, *8va*, and *8va-1*.

Musical score for measures 346-351, second system. Treble and bass staves with dynamics *ff* and *sf*. Includes markings such as *8va*, *8va-1*, *8va*, and *8va-1*.

Empty musical staves for measures 346-351, third system.

Musical score for measures 363-368. The score is written for two grand staves (treble and bass clef) and three empty staves below. The music consists of chords and single notes, with dynamic markings of *sf* (sforzando) and *ff* (fortissimo). Octave markings include *8va-* and *8vb-*. A common time signature 'C' is present in measure 365. The piece concludes with a double bar line.

Musical score for measures 369-374. The score is written for two grand staves (treble and bass clef) and three empty staves below. The music consists of chords and single notes, with dynamic markings of *ff* (fortissimo). Octave markings include *8va-* and *8vb-*. The piece concludes with a double bar line. At the bottom right, there are performance instructions: "reverb pno 1 + 2 50%", "random speed : 70 ms", and "flanger : 80%".