Samuel Vriezen

# Within Fourths / Within Fifths

piano solo

2006

**Within Fourths / Within Fifths**

Within Fourths / Within Fifths is a two-movement chord enumeration piece for solo piano.

Within Fourths explores all possible chords from 1 to 5 voices, where each voice is limited to three scale positions within the interval of a fourth, with the fourths stacked. Within Fifths explores all possible chords from 1 to 5 voices, where each voice is limited to four scale positions within the interval of a fifth, with the fifths stacked.

In the notation for both movements, the roman numerals refer to the number of voices used in that section. Within these top-level sections labeled with roman numerals, the chords are arranged in lower-level sections that are numbered in arabic numerals. These arabic numerals refer to chord sums: if the scale steps that are possible for any given voice are numbered 0 to 2 in Within Fourths, or 0 to 3 in Within Fifths, the sections of a given arabic numeral contain all possible chords in which the sums of the scale values for each of the voices add up to that numeral. The arabic numeral sections are further subdivided into phrases, where in each phrase the set of scale-step values is fixed. For example, in section 10 in the four-voice chords in Within Fourths, the first phrase corresponds to all chords that have three voices at scale-step 3 and one at scale-step 1 and the second phrase corresponds to all chords that have two voices at scale-step 3 and two voices at scale-step 2.

Play the piece calmly (roughly half note = 40-60), giving equal importance to all voices and with attention to the differences in harmonic color between the chords, between the phrases and between the sections.

Within Fourths / Within Fifths is dedicated to Tom Johnson, composer of many beautiful chord enumeration pieces to which the present piece is very much indebted, for his inspiring and fun musical explorations.

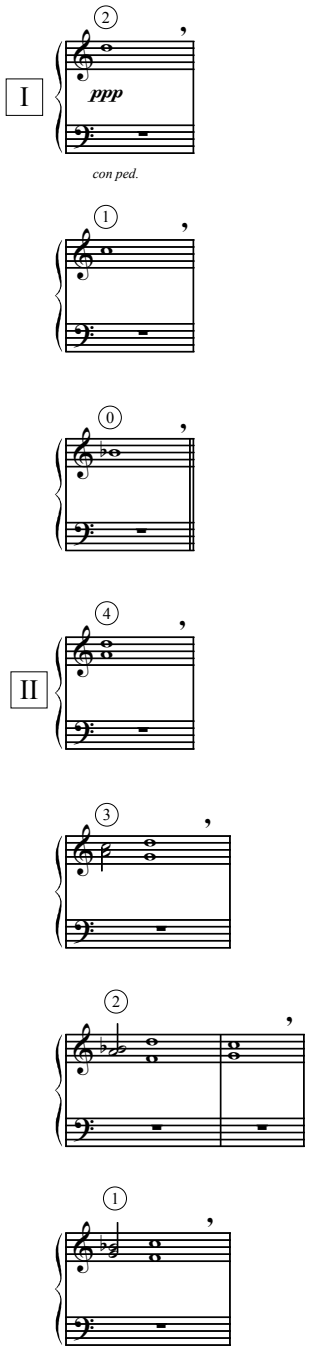
Duration: ca. 40 minutes

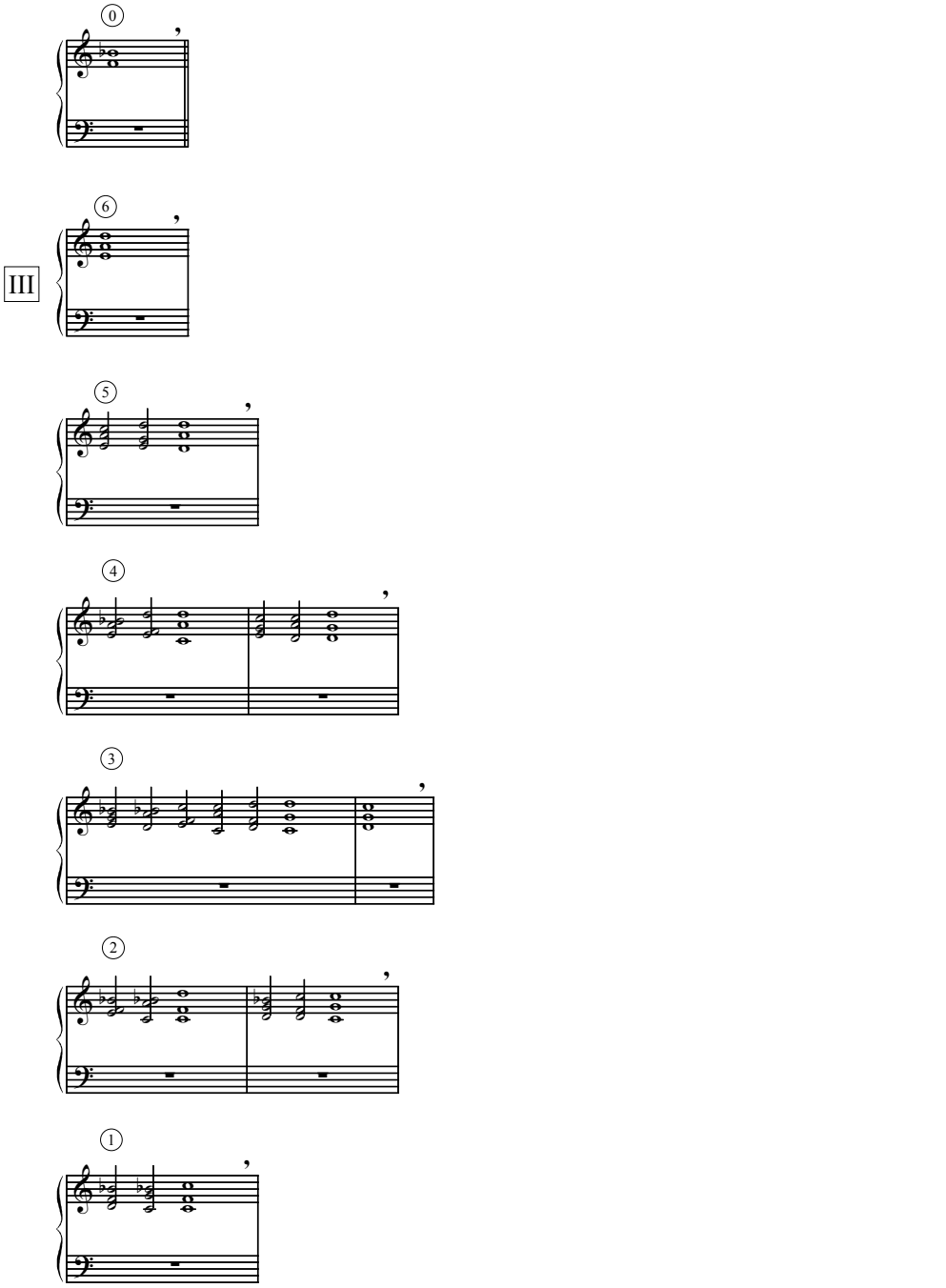
Samuel Vriezen
Amsterdam, December 11, 2006

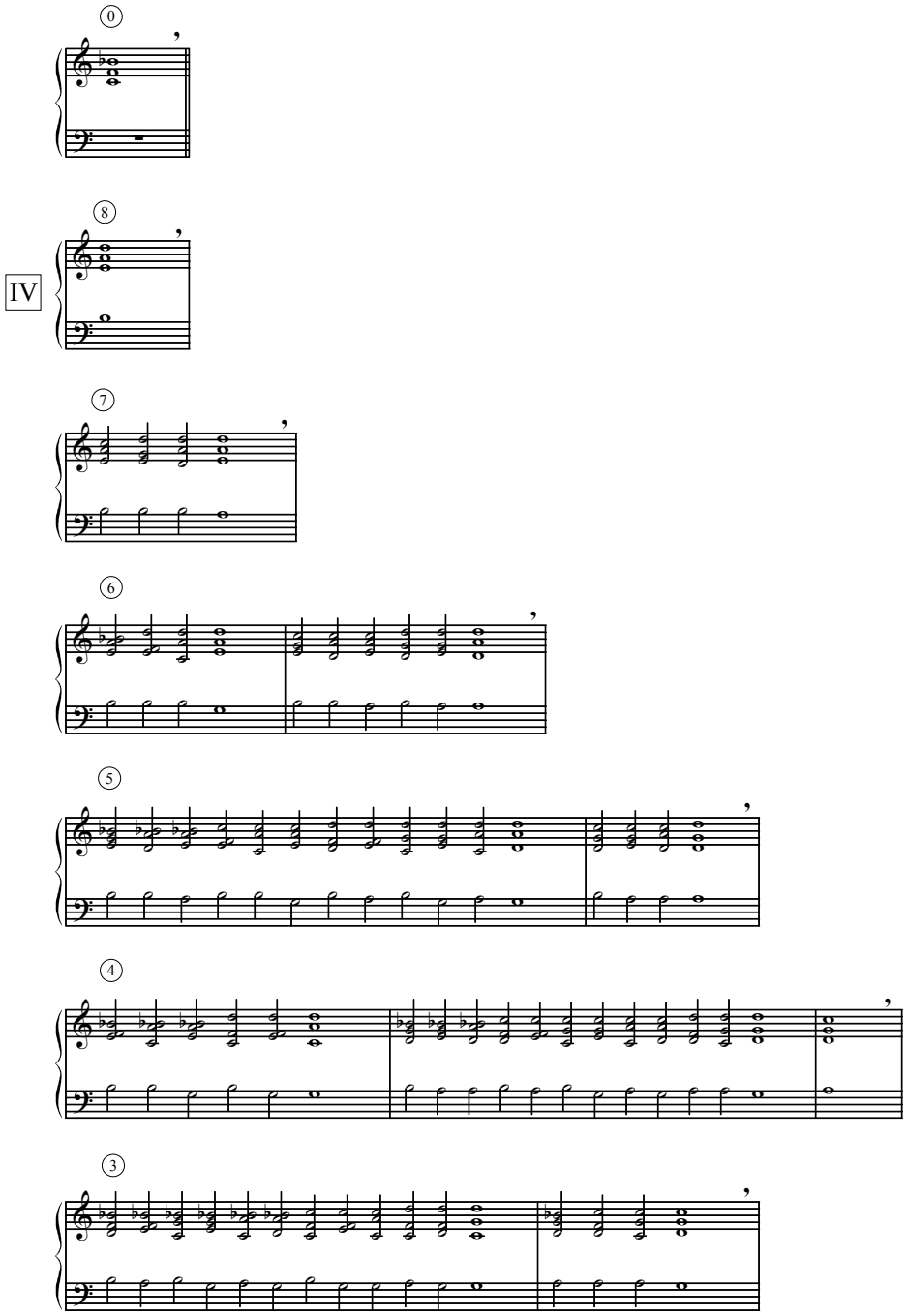
The composer permits the copying and distribution of this score - full copies, including this notice, only. Players who wish to perform this piece are requested to contact the composer. At the time of writing, the composer can be reached through email at sqv@xs4all.nl; through regular mail at Ruysdaelkade 103-IIIA, 1072 AM Amsterdam, The Netherlands; or by telephone at +31 (20) 364 0437

# Within Fourths

**Samuel Vriezen (2006)**




0
6
III
5
4
3
2
1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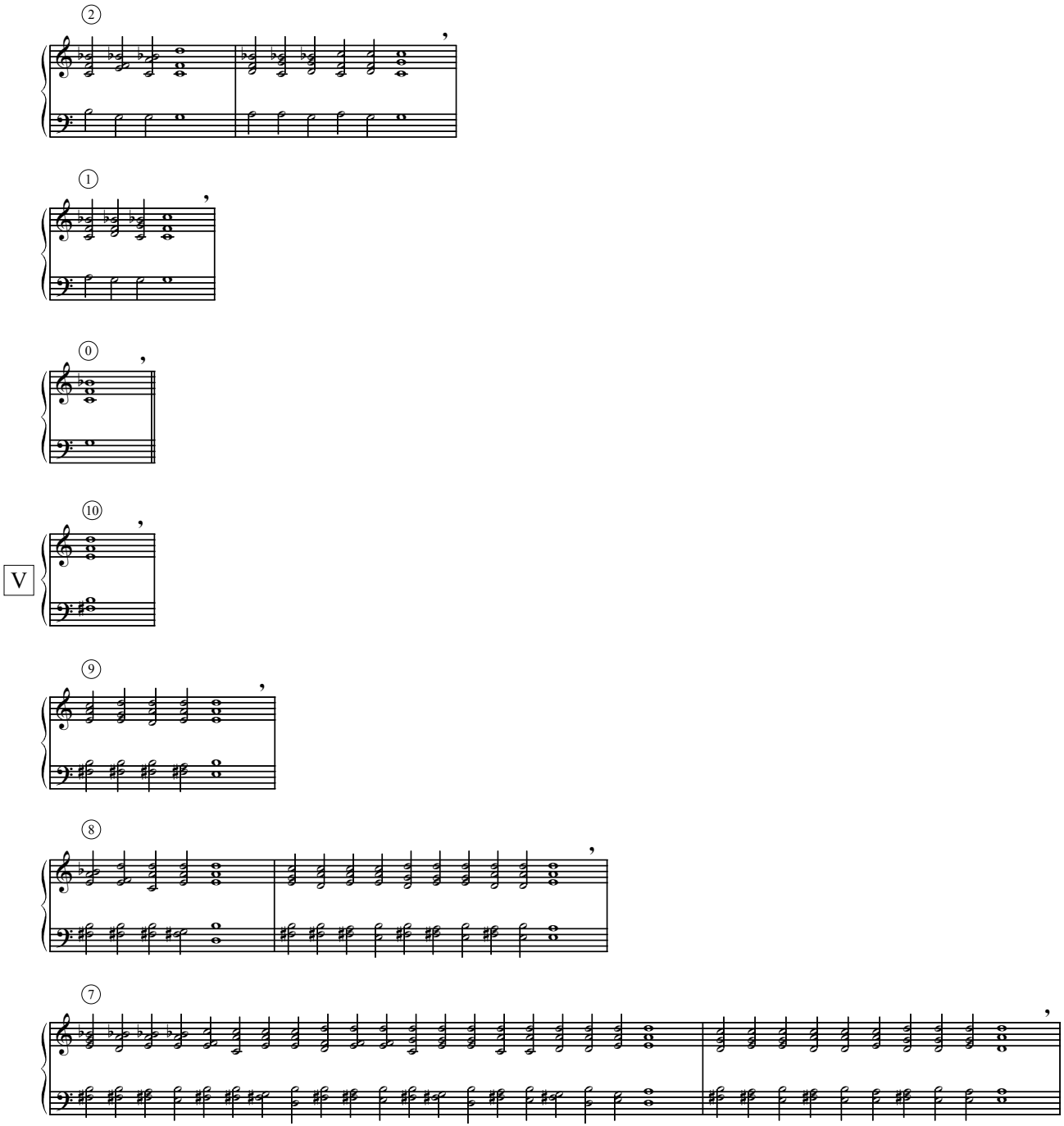
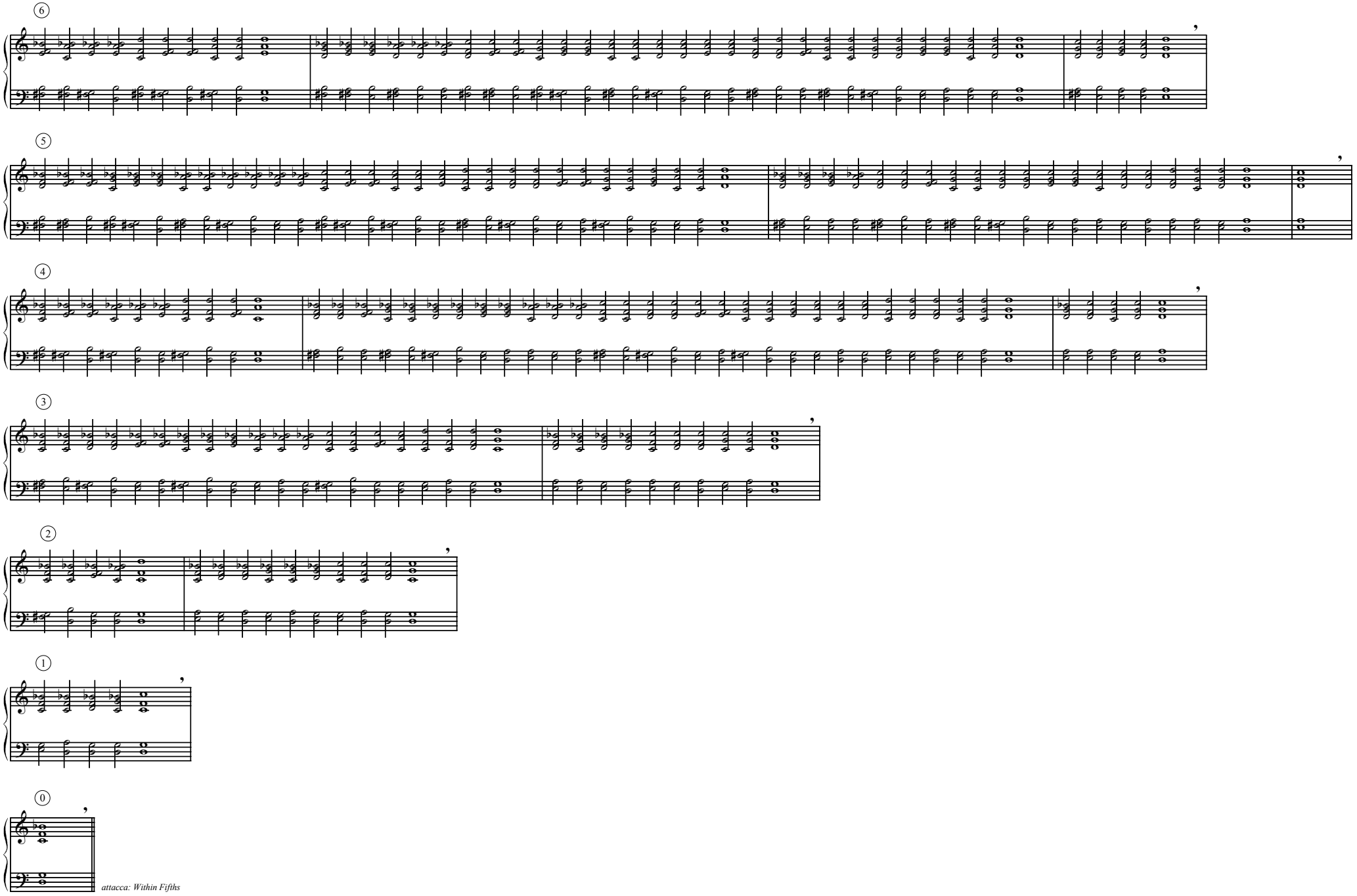
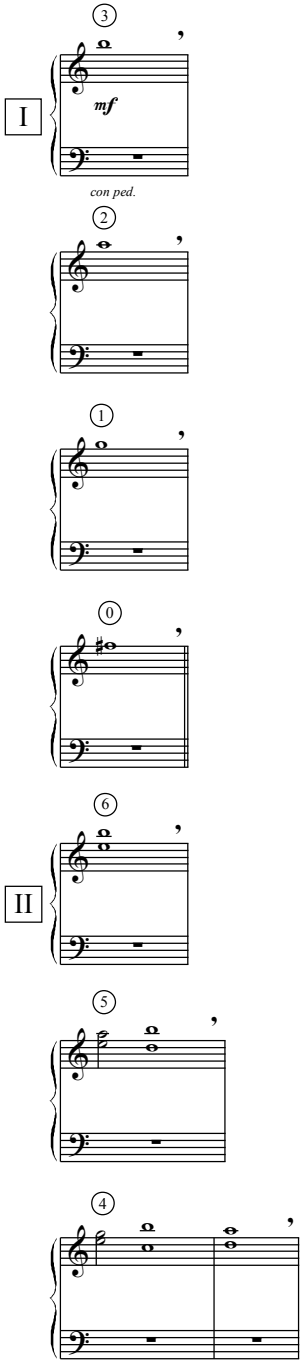
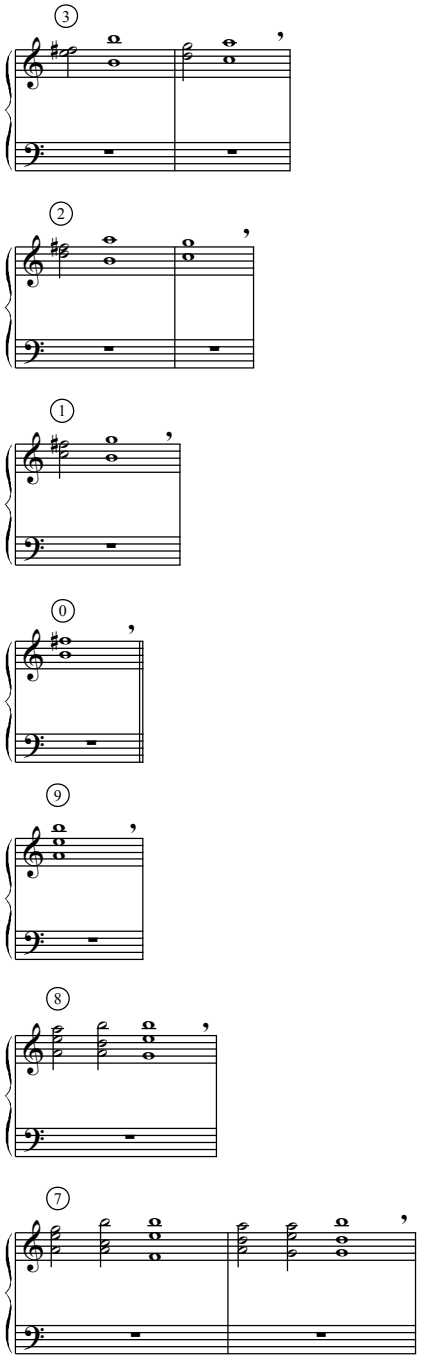
8
IV
7
6
5
4
3


②
①
⓪
⑩
V
⑨
⑧
⑦


6
5
4
3
2
1
0
attacca: Within Fifths

# Within Fifths

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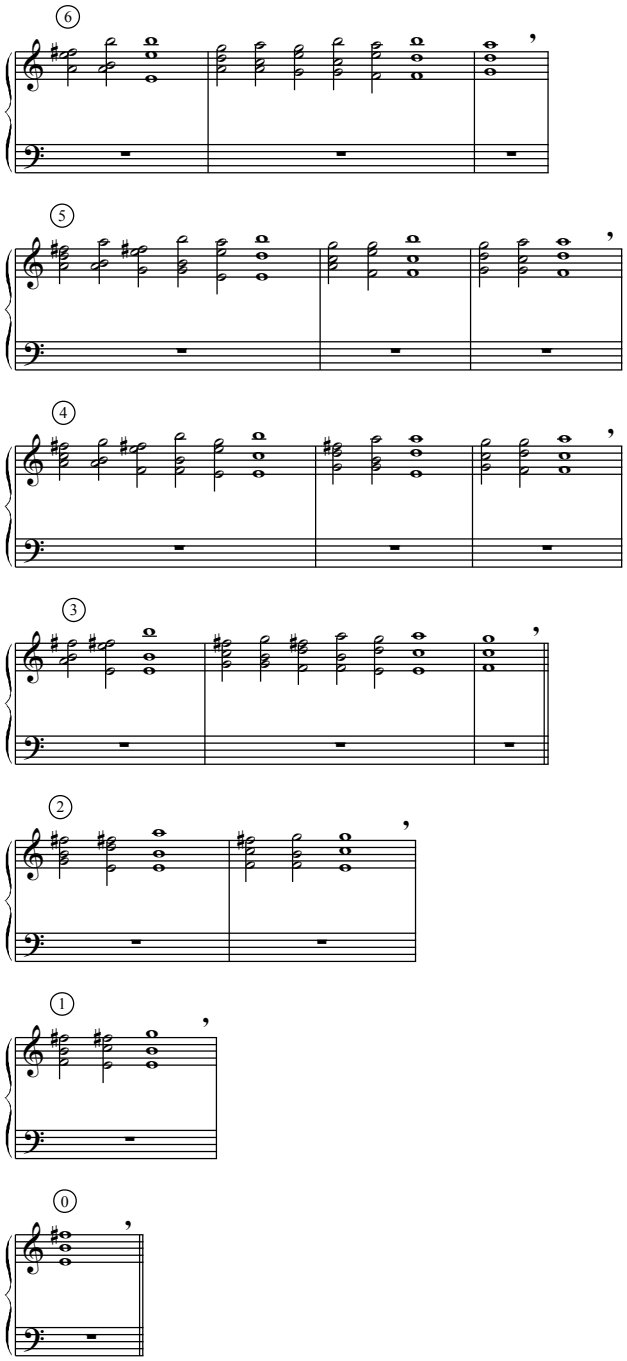
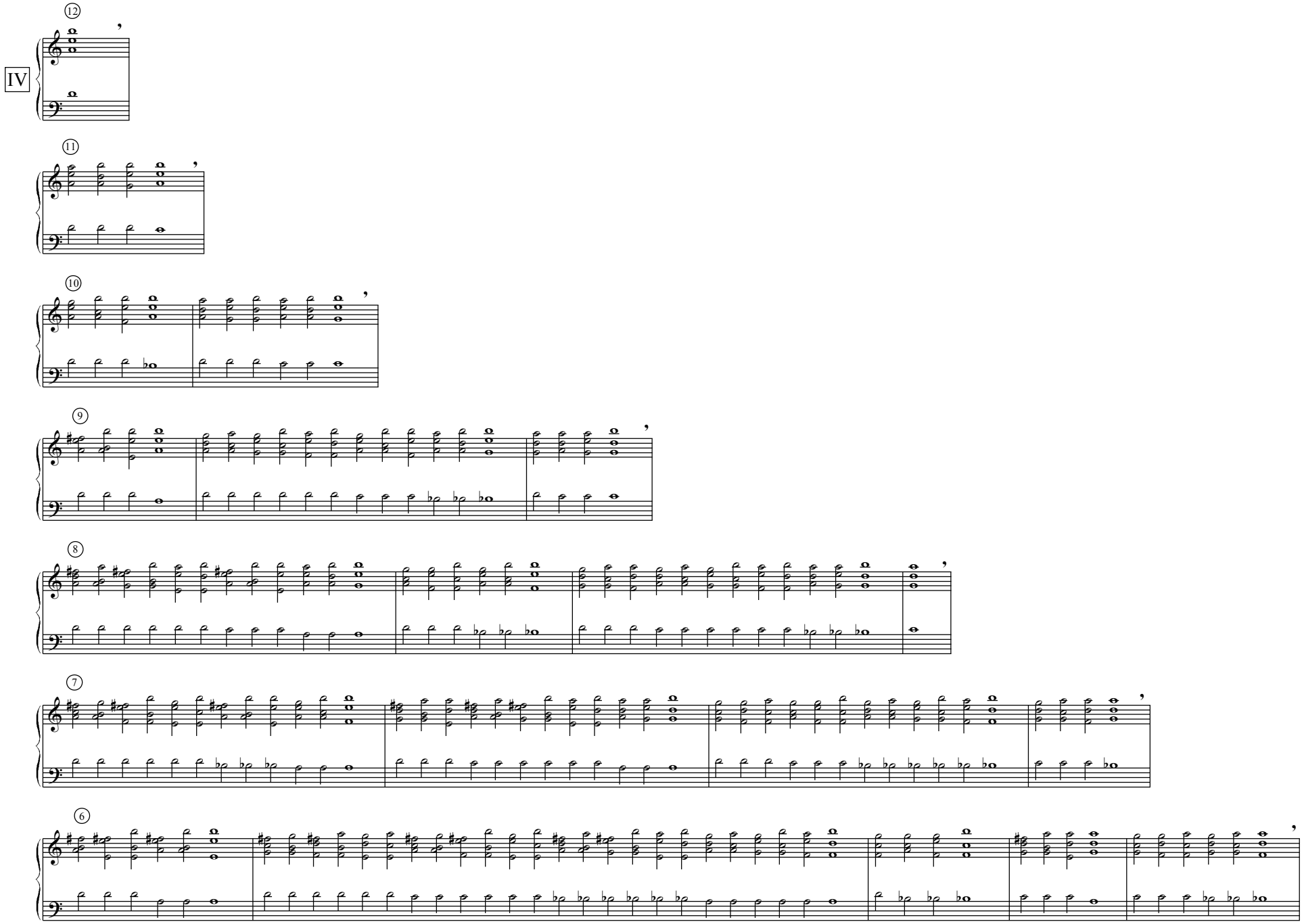
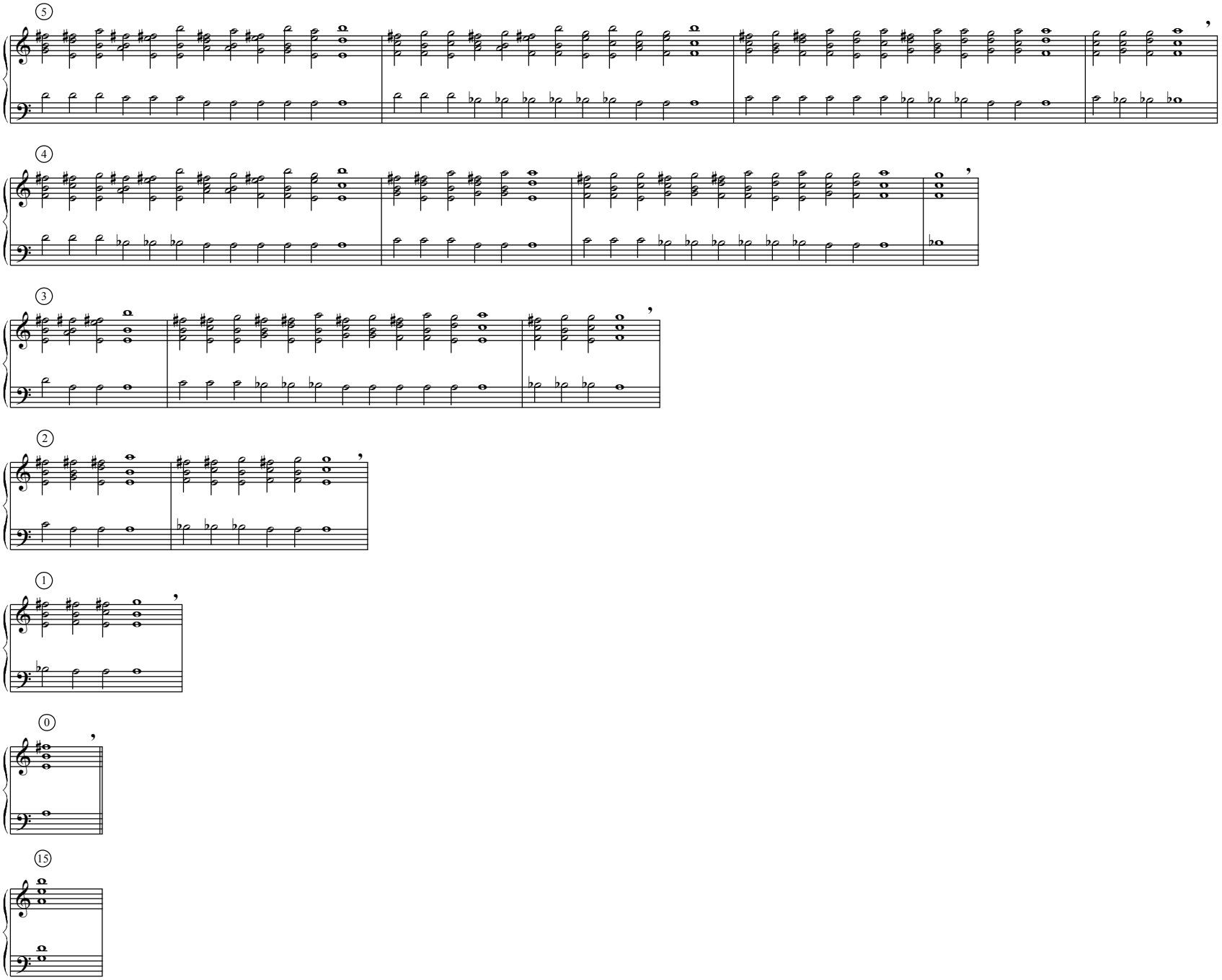
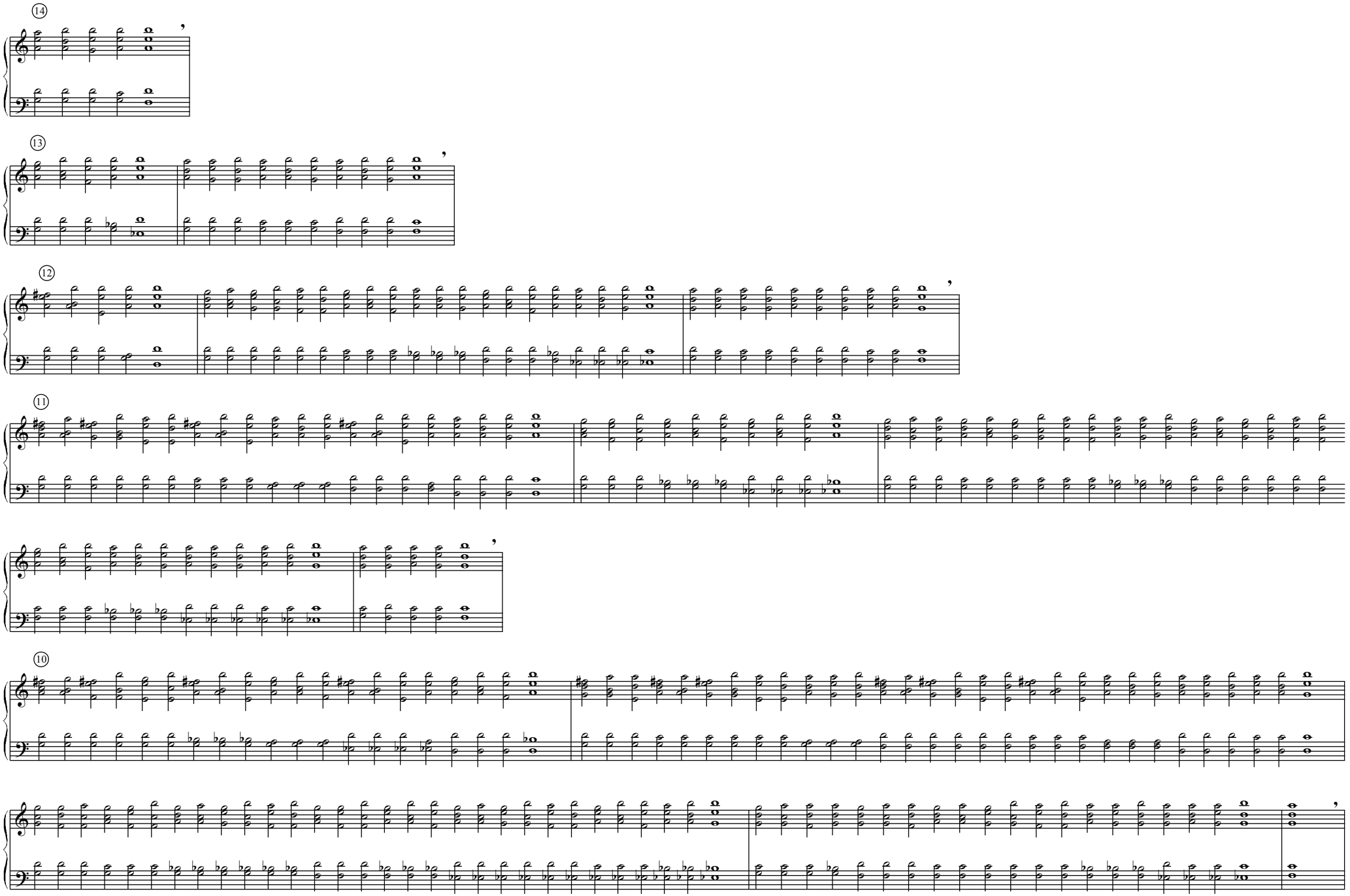
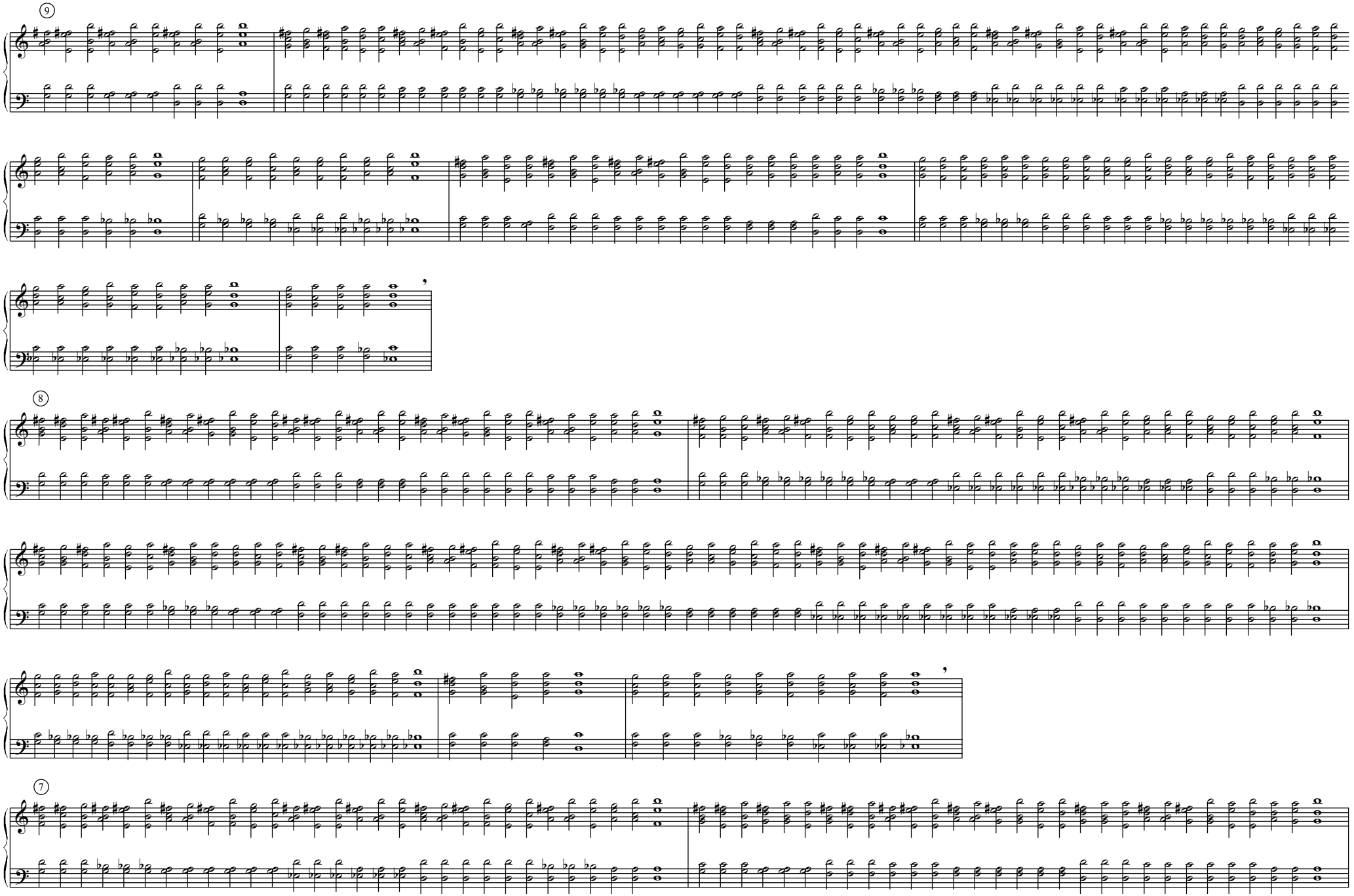
2
1
0
9
III
8
7


6
5
4
3
2
1
0


IV
12
11
10
9
8
7
6


5
4
3
2
1
0
15
V


⑭
⑬
⑫
⑪
⑩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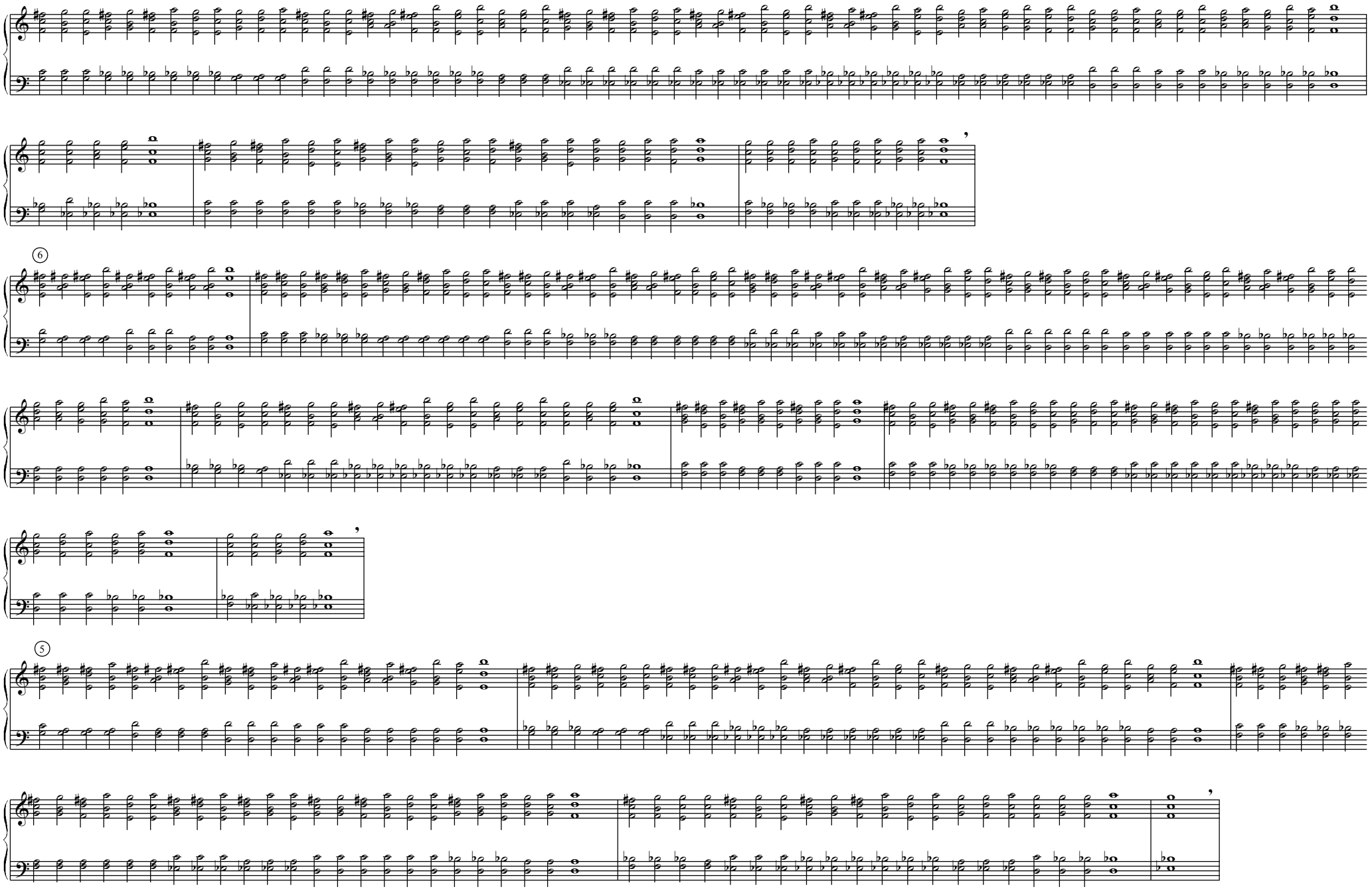
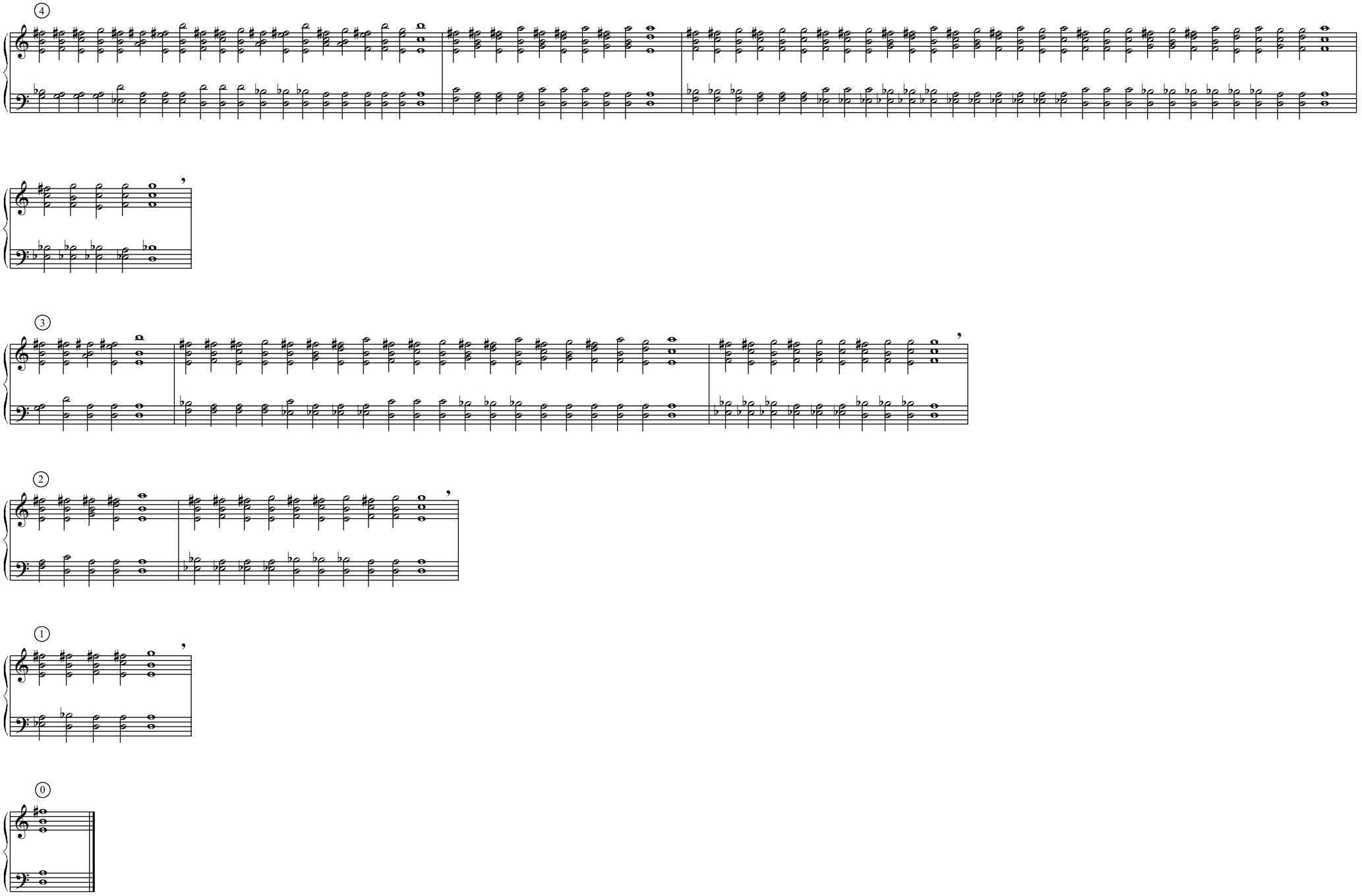
7




4
3
2
1
0