

**Petr Bakla**

# **SCALES, OCTAVES, REPETITIONS VII**

for flute, clarinet (Bb), violin and double bass

(2009) (~11 min.)

commissioned by

Prague Philharmonia / Prague Modern

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# EXPLANATORY NOTES:

**General:**

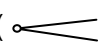
Clarinet is notated in the usual Bb transposition (i.e. the score is not in C).

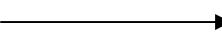
**Repeated notes must be played evenly, not grouped in pairs, in fours, etc. (i.e. no accents unless indicated) !!!**

Similarly, changing time signatures and barlines have no metrical implication, they serve merely for orientation.

No vibrato throughout.

Written dynamics are meant as effective – i.e. the same dynamic marking is supposed to result in the same sound intensity regardless of articulation (ord. vs. pont., nat. harmonics vs. normally stopped notes, con sordino vs. senza sordino etc.; take notice, for example, of the *p* common both to the violin playing c.s. and the double bass producing natural harmonics in the opening section – here the sound volume of the two instruments should be a balanced *p* in result, thus the violin player will probably have to play with stronger action).


Dal niente, al niente (  ) is to be understood in relation to the momentary acoustical context, not literally.


 = continuous transition from one articulation to another

**Clarinet:**

(>) = air pressure accent, just diaphragm, no tongue (“Luftdruckakzent”)

**Violin:**

 = very fast arpeggiando, somewhat irregularly, light bowing sul pont.

 (i.e. trill-like wavy line, but without “tr” indication)  
= “microtrill” – trill in upper interval as narrow as possible (same finger distance regardless of register).  
Appears always with glissando. The initial and terminal notes of the glissando indicate position of the stopping finger, i.e. the trill goes above these pitches.

To denote desired equal intensity, the same dynamic markings have been used both for both normally stopped notes and natural harmonics (i.e. for example a *mp* with a harmonic note is supposed to be made as loud as a *mp* with normal note).

**Double bass (four-stringed):**

“ROUGH SOUND” = Rough, penetrating, as if somewhat distorted, noisy and dirty sound is demanded, basically as loud as possible. Typically appears with repeated sixteenths in sections marked “eight note ≥ 144, Hard”. Can be achieved by playing closer to the bridge than usual\*) and increasing bow pressure (+ lot of hair). Rather continuous détaché bowing, “into the string”, repeated sixteenths not very articulated (i.e. not spiccato or alike). Returning to standard way of playing is indicated by “NORMAL SOUND”.

\*) make sure, however, that clearly perceivable changes can still be achieved between very distinct ponticello sound (ponticello estremo, PONT. ESTR., the fundamental almost disappeared) and that which could be considered ordinario sound in this context (“ORD.”, in quotation marks).

To denote desired equal intensity, the same dynamic markings have been used both for both normally stopped notes and natural harmonics (i.e. for example a *mp* with a harmonic note is supposed to be made as loud as a *mp* with normal note).

Thank you!  
PB

## SCALES, OCTAVES, REPETITIONS VII

P.B. 2009

♩  $\cong 120$ , WITH TENSION (BUT QUITE MECHANICAL)

Handwritten musical score for a string quartet, measures 1-4. The score is for Violin I (VL), Violin II (VLN), Viola (VLA), and Cello/Double Bass (CB). The tempo is 120, with a tension marking. The key signature has one flat (Bb). The time signature is 3/4. The score includes various dynamics (pp, mp, p), articulations (accents, slurs), and performance instructions like "CON SORD." and "SUL G sempre".

\* ) IN THIS SECTION, THE SIXTEENTHS SHOULD BE VERY CLEARLY ARTICULATED (spiccato).

5

Handwritten musical score for a string quartet, measures 1-4. The score is for Violin I (VLN), Violin II (VLN), Viola (CL), and Cello (CB). It includes dynamic markings (pp, mp, p), articulation (accents, slurs), and performance instructions like "ORD." and "PONT.\*". A handwritten note at the bottom right explains the "PONT." marking.

\*) PONT. WITH HARMONICS: SONORITY AS DIFFERENT

\* PONT. WITH HARMONICS: SONORITY AS DIFFERENT FROM ORD. AS POSSIBLE, BUT STILL CLEARLY PITCHED.

8

Handwritten musical score for a string quartet, featuring parts for Flute (FL), Clarinet (CL), Violin (VLN), and Cello/Bass (CB). The score is divided into measures with various musical notations including dynamics (pp, p, mp, mf), articulation (>), and performance instructions (poco, D(6) ORD.).

12

FL *frull.* *p* *mf* *mp* *pp*

CL *mp* *p*

VLN *mf* *p* *PONT.*

CB *mp* *p* *D(6) A(8)* *A(8)* *D(6)* *sim.* *PONT.* *ORD.*

16

FL *frull.* *pp* *pp* *pp* *ORD.* *mp*

CL *IRREGULAR PITCH OSCILLATION, CA. +/- 1/4-TONE \** *pp* *(senza dim.)* *PONT.* *\*) BY EMBOUCHURE CHANGES* *ORD.* *mp*

VLN *pp* *non arp.* *Poco PONT.*

CB *(quasi sfz)* *(poco accent.)* *(poco accent.)*

20

FL *mp* *pp* *mp* *pppp* *2"*

CL *mp* *p* *pppp* *2"*

VLN *A(8) PONT.* *ORD.* *2"*

CB *A(8) PONT.* *ORD.* *(8)* *L.V.* *mp* *pp (quasi batt.)* *2"*





35

FL 4/4

CL 4/4

VLN 4/4

CS 7/4

PONT. (non tremolo)

SUL A

PONT. ESTR.

"ORD."

(senza dim.)

L.V.

38

FL 3/4

CL 3/4

VLN 3/4

CS 7/4

(f)

(f)

(PONT.)

mf

(SUL E)

PONT. ESTR.

ORD.

fmp

SUL A sempre

"ORD."

full.

mf

f

p

mp

D: mf

ff

L.V.

42

FL 2/4

CL 2/4

VLN 2/4

CS 2/4

full.

bend.

Poco PONT.

PONT. ESTR.

"ORD."

(Poco PONT.)

L.V.

47

Handwritten musical score for measures 47-50. The score is in 4/4 time and features four staves: Flute (FL), Clarinet (CL), Violin (VLN), and Cello/Double Bass (CB). The music includes various dynamics such as *mf*, *f*, *mp*, *ff*, and *pp*, as well as articulation marks like *breve*, *fnall.*, and *tr.*. The Cello/Double Bass part includes a *sul A* instruction and a *6:5* ratio marking. The Violin part has a *p* dynamic marking. The Clarinet part has a *3* marking. The Flute part has a *3* marking. The Cello/Double Bass part has a *ff* *sempre* marking and a *L.V.* marking.

50

Handwritten musical score for measures 50-53. The score is in 4/4 time and features four staves: Flute (FL), Clarinet (CL), Violin (VLN), and Cello/Double Bass (CB). The music includes various dynamics such as *f*, *mp*, and *pp*. The Violin part has a *(Poco PONT.)* marking and a *f* dynamic marking. The Cello/Double Bass part has a *PONT. ESTR.* marking and a *"ORD." sul A* instruction. The Clarinet part has a *3* marking. The Flute part has a *3* marking. The Cello/Double Bass part has a *L.V.* marking.

53

Handwritten musical score for measures 53-56. The score is in 4/4 time and features four staves: Flute (FL), Clarinet (CL), Violin (VLN), and Cello/Double Bass (CB). The music includes various dynamics such as *f*, *mp*, and *pp*. The Violin part has a *(Poco PONT.)* marking and a *f* dynamic marking. The Cello/Double Bass part has a *PONT. ESTR.* marking and a *"ORD." sul A* instruction. The Clarinet part has a *3* marking. The Flute part has a *3* marking. The Cello/Double Bass part has a *L.V.* marking.



60

63

$\text{♩} \approx 132$ , SHARPLY IN RHYTHM

Handwritten musical score for "NORMAL SOUND". The score is divided into two main sections by a double bar line. The first section is in 3/4 time, and the second section is in 4/4 time. The staves are labeled FL (Flute), CL (Clarinet), VLN (Violin), and CB (Cello/Bass). The FL staff has dynamics like p, mp, and f, with markings for "gliss." and "poco a poco non arp.". The CL staff has dynamics like p, mp, and f, with a "gliss." marking. The VLN staff has a "poco a poco non arp." marking. The CB staff has dynamics like mf and p, with a "L.V." marking. The second section includes markings for "sub. f", "ORD.", "f", "pizz.", "arco Poco PONT.", and "L.V.". The score ends with a "NORMAL SOUND" label.

67

Handwritten musical score for measures 67-70. The score is for four staves: FL (Flute), CL (Clarinet), VLN (Violin), and CB (Cello). The key signature is one flat (B-flat), and the time signature is 9/16. The music features complex rhythmic patterns, including triplets and sixteenth notes. Dynamics range from *f* (forte) to *mp* (mezzo-piano). A *gliss.* (glissando) is marked in the Cello part. A handwritten note at the top indicates a melodic phrase: (♩. ♩. ♩.).

71

Handwritten musical score for measures 71-74. The score is for four staves: FL (Flute), CL (Clarinet), VLN (Violin), and CB (Cello). The key signature is one flat (B-flat), and the time signature is 3/4. The music includes a *Loco* section in the Flute and Clarinet parts. Dynamics range from *p* (piano) to *ff* (fortissimo). A *pizz.* (pizzicato) marking is present in the Cello part. A handwritten note indicates a melodic phrase: (♩. ♩. ♩.).

75

Handwritten musical score for measures 75-78. The score is for four staves: FL (Flute), CL (Clarinet), VLN (Violin), and CB (Cello). The key signature is one flat (B-flat), and the time signature is 5/4. The music features a *f sempre* (forte sempre) marking in the Violin part. A handwritten note indicates a melodic phrase: (♩. ♩. ♩.).

\*) THE HARMONIC SHOULD BE AS PROMINENT AS POSSIBLE.

79

$$\rightarrow \angle = 120$$

$\text{♩} \cong 120$  ( $\text{♩} \cong 60$ ), QUIET

Handwritten musical score for a 4-part ensemble (FL, CL, VLW, CB) in 4/4 time. The score is divided into three measures. The first measure shows the beginning of the piece with a crescendo and piano marking. The second measure features a 'PONT.' (Ponte) section with a complex rhythmic pattern. The third measure shows a 'p A(5)' section with a piano marking and a 'L.V.' (Lento) marking.



84

FL: *mf* 6 *pp mf > p* [5]

CL: (PONT.) (non arp.) *p* 3 *TASTO* *pp* PONT.

VLN: *mf* *mp* *p* *mp* *pp*

CB: *mp* *E:*

87

FL: *ca. 7 sec. (0'')* *poco f* 6 *molto dim.*

CL: *ca. 7 sec. (0'')* *sub. mf* *pp*

VLN: *ca. 7 sec. (0'')* *ORD.* *A(3)* *3* *L.V.*

CB: *ca. 7 sec. (0'')* *PONT.* *(?)* *mf*

SCORDATURA:  $\flat \rightarrow \sharp$

90

FL: *(#)* *(?)* *(>)*

CL: *A(5)* *ORD., non arp.* *(\*)* *mp* *(senza dim.)*

VLN: *mp* *(senza dim.)* *FLAUT.* *ppp*

CB: *(?)* *(>)* *3* *p*

\*) DON'T CORRECT INTONATION OF THE STOPPED CH.

96

$\text{♩} \approx 120, \text{ QUIET}$

Handwritten musical score for a five-piece ensemble (FL, CL, VLN, CB, and a fifth instrument) in 5/4 time. The score is divided into two main sections. The first section, labeled "NORMAL SOUND" at the bottom, shows the instruments playing various notes and rests. The second section, separated by a double bar line, shows the instruments playing sustained notes with dynamic markings like "ppp" and "pp". The score includes handwritten annotations such as "ca. 6 sec (0\')", "FLAUT.", and "p".

102

$\mathcal{I} \geq 144$ , HARD

♩ ≈ 120, WITH TENSION

Handwritten musical score for a five-piece ensemble (FL, CL, VLN, CD, and a fifth instrument) in 3/4 time. The score is divided into two sections: "ROUGH SOUND" and "NORMAL SOUND".

**Section 1: "ROUGH SOUND"**

- FL:** Starts with a series of eighth notes, then a half note. Dynamics: *mf*, *ppp*.
- CL:** Starts with a half note, then a half note. Dynamics: *p*, *f*, *frull.*
- VLN:** Starts with a half note, then a half note. Dynamics: *mp*, *pp*.
- CD:** Starts with a half note, then a half note. Dynamics: *mp*, *pp*.
- 5th Instrument:** Starts with a half note, then a half note. Dynamics: *f*, *ff*, *sub. ff*.

**Section 2: "NORMAL SOUND"**

- FL:** Starts with a half note, then a half note. Dynamics: *p*, *mp*.
- CL:** Starts with a half note, then a half note. Dynamics: *p*, *mp*.
- VLN:** Starts with a half note, then a half note. Dynamics: *mp*, *pp*.
- CD:** Starts with a half note, then a half note. Dynamics: *mp*, *pp*.
- 5th Instrument:** Starts with a half note, then a half note. Dynamics: *f*, *ff*, *sub. ff*.

106

Handwritten musical score for a string quartet, featuring staves for Flute (FL), Clarinet (CL), Violin (VLN), and Cello/Bass (CB). The score includes dynamic markings (mp, pp), articulation (pizzicato), and performance instructions (PONT. arp., POCO PONT. non arp.).

♩ 112 132

109

Handwritten musical score for five staves: FL (Flute), CL (Clarinet), VLN (Violin), CB (Cello), and CD (Contra Bass). The score is divided into three measures. The first measure has a tempo marking of 104. The second measure has a tempo marking of ca. 7 sec. (0''). The third measure has a tempo marking of ca. 6 sec. (0'). The score includes various musical notations such as notes, rests, and dynamic markings like ff (AS LOUD AS CB) and ff possibile. There are also handwritten annotations like 'POCO PONT.' and 'L.V.'.

112

FL  $\text{p sempre}^*)$

CL  $\text{p sempre}^*)$

VLN  $\text{mp sempre POCO PONT.}$

CB  $\text{BALANCED WITH FL \& CL, SHARP ACCENTS}$

(pizz.)  $\text{mp}$

L.V.

ORD.

ORD.

$>^{**})$

\*) IRREGULAR PITCH OSCILLATIONS, CA.  $\pm 1/8$ -TONE BY EMBOUCHURE CHANGES (ALWAYS WITH  $\text{♩}$  AND  $\text{♪}$  NOTES). BREATHING AD LIB., NOT SIMULTANEOUSLY.

\*\*\*) OSSIA: OMIT PRECEDING/FOLLOWING HIGH 16TH NOTE (sempre sim.)

117

FL

CL

VLN

CB

ORD.

ORD.

ORD.

ORD.

122

FL

CL

VLN

CB

ORD.

ORD.

ORD.

ORD.

ORD.

ORD.



127

Handwritten musical score for measures 127-131. The score is for four staves: Flute (FL), Clarinet (CL), Violin (VLN), and Cello/Double Bass (CB). The time signature is 2/4 for the upper staves and 7/4 for the lower staves. The key signature has one sharp (F#). The score includes dynamic markings (mp, pp) and performance instructions (arco, TASTO, PONT.). The word "ORD." is written above the staves in measures 127, 128, 130, and 131. The score is written in a handwritten style with various annotations.

132

Handwritten musical score for measures 132-136. The score is for four staves: Flute (FL), Clarinet (CL), Violin (VLN), and Cello/Double Bass (CB). The time signature is 2/4 for the upper staves and 7/4 for the lower staves. The key signature has one sharp (F#). The score includes dynamic markings (mp, mf, f, p) and performance instructions (ORD., senza dim.). The word "ORD." is written above the staves in measures 132, 133, and 135. The score is written in a handwritten style with various annotations.

137

Handwritten musical score for measures 137-141. The score is for four staves: Flute (FL), Clarinet (CL), Violin (VLN), and Cello/Double Bass (CB). The time signature is 2/4 for the upper staves and 7/4 for the lower staves. The key signature has one sharp (F#). The score includes dynamic markings (pppp) and performance instructions (ORD.). The word "ORD." is written above the staves in measures 137, 138, 140, and 141. The score is written in a handwritten style with various annotations.

Handwritten musical score for Flute (Fl), Clarinet (Cl), Violin (Vn), and Cello (Cb). The score is divided into two systems. The first system is in 2/4 time, and the second system is in 3/4 time. The Flute and Clarinet parts have wavy lines above them, indicating a 'ROUGH SOUND'. The Violin part has a 'PONT.' marking. The Cello part has a 'PONT. ESTR.' marking. The score includes various musical notations such as notes, rests, and dynamic markings like 'mp', 'ff', 'p', and 'f'.

146

Handwritten musical score for a string quartet, measures 5-8. The score includes parts for Flute (FL), Clarinet (CL), Violin (VLN), and Cello/Bass (CB). Measure 5 has a 'PONT. ESTR.' marking. Measure 6 has 'full. + PITCH OSCILLATIONS' and 'ORD.' markings. Measure 7 has 'tr' and '8th harm' markings. Measure 8 has 'ORD.' and 'PONT.' markings. The score is in 4/4 time and includes various musical notations such as notes, rests, and dynamic markings.

\* DUE TO SCORDATURA, sulG SOUNDS A SEMITONE LOWER!  
(i.e. NOTES INDICATE FINGERINGS)

150

Handwritten musical score for the first system of "The Firebird Suite" by Igor Stravinsky. The score is for four parts: Flute (FL), Clarinet (CL), Violin (VLN), and Cello/Double Bass (CS). The key signature is one sharp (F#) and the time signature is 3/4. The score is divided into three measures. The first measure has a 3/4 time signature. The second measure has a 3/8 time signature. The third measure has a 4/4 time signature. The Flute part is mostly rests. The Clarinet part has a melodic line in the first measure, a rest in the second, and a sustained note in the third. The Violin part has a melodic line in the first measure, a rest in the second, and a sustained note in the third. The Cello/Double Bass part has a melodic line in the first measure, a rest in the second, and a sustained note in the third. The score includes various musical notations such as notes, rests, accidentals, and dynamic markings. Handwritten annotations include "(b.)", "(PONT.)", "(sul D)", "f", "ff", "L.V.", "mf", "mp", "ff", "f sempre", "very dense tremolo", "PONT. ESTR.", and "ORD.".



\* ) MORE AMPLE PITCH OSCILLATIONS THAN BEFORE  
(CA.  $\pm$  QUARTERTONE). SEMPRE SIMILE UNTIL THE END.

156

Handwritten musical score for "The Firebird" by Igor Stravinsky, measures 1-8. The score is for five staves: Flute (FL), Clarinet (CL), Violin (VLN), Viola (VLA), and Cello/Double Bass (CB). The key signature is one sharp (F#) and the time signature is 4/4. The score includes various musical notations such as dynamics (mf, f, p, ff), articulation (accents, slurs), and performance instructions (ORD., PONT., LOCO). The first system covers measures 1-4, and the second system covers measures 5-8. The score is written in a clear, handwritten style with some corrections and annotations.

159

♩  $\approx 120$ , WITH TENSION

Handwritten musical score for a string quartet, measures 15-16. The score is for Violin I (VL I), Violin II (VL II), Viola (VLA), and Cello (CB). The key signature is one sharp (F#) and the time signature is 4/4. The score includes dynamic markings (f, mf, ff, p, mp, pp), articulation (accents, slurs), and performance instructions like "PONT." and "NORMAL SOUND".

163

$\text{♩} \geq 144$

FL  $\frac{4}{4}$

CL  $\frac{4}{4}$

VLN  $\frac{4}{4}$

CB  $\frac{7}{4}$

(pp sempre)

A(5)

sul D G

POCO PONT.

(sul A) (non trem.)

mf

ff

"ROUGH SOUND"

166

$\text{♩} \approx 120$

FL  $\frac{3}{4}$

CL  $\frac{3}{4}$

VLN  $\frac{3}{4}$

CB  $\frac{7}{4}$

(non trem.)

PONT.

pp

D(7)

[15]

mp distinto, WELL ARTICULATED (sempre sim.)

"NORMAL SOUND" until the end

$\text{♩} \geq 144$

FL  $\frac{3}{4}$

CL  $\frac{3}{4}$

VLN  $\frac{3}{4}$

CB  $\frac{3}{4}$

mf sempre

mf

Poco PONT. sul A

(pp) mf

E(7)

E(8)

E(9)

sul D

sul A

ORD.

$\text{♩} \approx 120$

$\text{♩} \approx 144$

FL

CL

VLN

CB

TASTO sul D (sempre sim.)

$\flat = 1/3$  tone lower (in tune with double bass)

mp distinto

mf

Poco PONT.

176

$\text{♩} \approx 120$

$\text{♩} \approx 144$

FL

CL

VLN

CB

TASTO

mp distinto

mf

Poco PONT.

ORD.

$\text{♩} \approx 120$

$\text{♩} \approx 144$

FL

CL

VLN

CB

PONT.

Poco PONT.

mp

L.V.

mf

f





193

Handwritten musical score for measures 193-195. The score is for four staves: Flute (FL), Clarinet (CL), Violin (VLN), and Cello (CB). Measure 193 is in 5/8 time. Measure 194 is in 3/8 time. Measure 195 is in 4/8 time. The Flute part has a half note G4 with a breath mark and a half note A4. The Clarinet part has a half note G4 with a breath mark and a half note A4. The Violin part has a half note G4 with a breath mark and a half note A4. The Cello part has a half note G4 with a breath mark and a half note A4. There are various dynamics and markings throughout, including pp, mp, p, and LC.

196

Handwritten musical score for measures 196-198. The score is for four staves: Flute (FL), Clarinet (CL), Violin (VLN), and Cello (CB). Measure 196 is in 3/8 time. Measure 197 is in 7/8 time. Measure 198 is in 3/8 time. The Flute part has a half note G4 with a breath mark and a half note A4. The Clarinet part has a half note G4 with a breath mark and a half note A4. The Violin part has a half note G4 with a breath mark and a half note A4. The Cello part has a half note G4 with a breath mark and a half note A4. There are various dynamics and markings throughout, including mp, p, and LC. The instruction "POCHISSIMO RITARD." is written above the Clarinet staff in measure 197.