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UNIVERSITY OF CALIFORNIA, SAN DIEGO

*Erwartung und Traumverlust
Aufschlag*

A thesis submitted in partial satisfaction of the
requirements for the degree Master of Arts

in

Music Composition

by

Martin Hiendl

Committee in charge:

Professor Roger Reynolds, Chair
Professor Miller Puckette
Professor Katharina Rosenberger

2011

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Chair

University of California, San Diego

2011

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Erwartung und Traumverlust and *Aufschlag* on file at Geisel Library.

ABSTRACT OF THE THESIS

Erwartung und Traumverlust and *Aufschlag*

by

Martin Hiendl

Master of Arts in Music Composition

University of California, San Diego, 2011

Professor Roger Reynolds, Chair

Erwartung und Traumverlust is part of a short-opera that is based on Ryunosuke Akutagawa's short story *Kesa and Morito*. The instrumentation of the opera is instrumental ensemble, two voices, and live- and fixed media-electronics. Two parts of this opera are submitted as part of the thesis: a solo for voice, which is part of the second and third scene, and the fifth scene, which is an ensemble scene without voice.

Aufschlag is an open score for any four instruments. Performance details have to be determined in a rehearsal process similar to the theater context. It was written having a third person in mind, that acts as a mediator between the composer and the interpreters.

ERWARTUNG UND TRAUMVERLUST
FOR SOLO VOICE

MARTIN HIENDL
(2009/2011)

*dedicated to
Leslie Leytham*



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“all my visions and dreams!”
“putting my face on his chest”

“Or, rather, I violated her.”

Ryūnosuke Akutagawa, *Kesa and Morito*

Performance Notes

The piece is for any female voice.

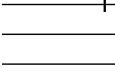
It uses open, relative pitch-notation. The clef numbers define specific registers of the voice.

- (1)** = lowest possible
- (2)** = low
- (3)** = middle
- (4)** = high
- (5)** = highest possible

The performer has to decide how to map these ranges onto her voice. The resulting ranges do not have to be adjacent. The object is optimal character identity and differentiation.

Musical contours are notated in a three line system which covers the range within one clef category continuously.

A ledger line above a staff indicates the lowest pitch of the next higher range, and a ledger line below a staff indicates the highest pitch of the next lower range.

- = Arrows indicate a gradual transition from one state to the other.
- "f"** = Dynamics in quotation marks indicate the effort that the performer has to invest into the sound, rather than the actual resultant dynamic.
-  = Crossed noteheads indicate sounds without pitch.
-  = Inhale – exhale
-  = Little ticks indicate the ending of a phrase unit. They serve as, in traditional contexts, a slur would.
Breath marks are occasionally used to further delineate phrasings.

Squares with varied content specify the ratio of pitch to air-noise:

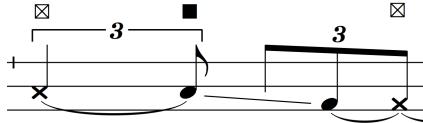
-  = just pitch
-  = pitch and air-noise equally audible
-  = just air-noise
-  = irregularly adding and removing some pitch to the air-noise

-  = While the mouth is closed, suddenly stop letting the air flow through your nose until the mouth is completely filled with air and the cheeks are inflated. Do not use your fingers to pinch your nose – obstruct it internally.

-  = Glottal modulation ("Goat trill")



- = Almost completely close your glottis and obstruct the airflow without any distortion of the vocal chords. No pitch is audible, rather a very high frequency, obstructed air-noise.



In the last movement, the voice often has to go back and forth between this obstructed air-noise and an open, pitched sound. In this context, the pitched sound does not have to be the full-bodied sound as in other parts of the piece, but should rather “come out” of the obstructed air-noise in a similarly soft and fragile manner.

The piece uses the International Phonetic Alphabet (IPA) to describe vocal utterances. In the context of this piece, the IPA is used in a modified way:

[m(i)]

- = If consonants are succeeded by vowels in parenthesis, one should *continuously* produce both the consonant(s) and the vowel. While the consonant is the main sound, the vowel is primarily the inner shaping of the mouth.

[ga]

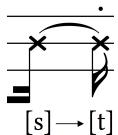
- = If consonants are succeeded by vowels without parenthesis, one should sing normally, using the consonants to define the initial “attack”.

[?(a)]

- = The symbol for the glottal stop [?] is often combined with a vowel in parenthesis. This indicates a heavily distorted sound (“vocal fry”) where the glottis is almost closed, letting through only a little bit of the vowel.

[a] → [?]

- = If the glottal stop without a vowel [?] is at the end of a phrase, it indicates a gradual increase of the pressure to the glottis, i.e. gradually closing the glottis with a glottal stop at the end.



- = Consonants combined with a staccato dot should be projected outwards like a “dry” consonant without vowel.

[s] → [t]



- = If a consonant is followed by an upward arrow, the sound should be projected outwards, but with the airflow *within* the mouth going *inside*.

[g↑]



- = If combined with a tenuto line, consonants should be used to *stop* whichever sound preceded them, *but without outward projection*. If tied to the next note, the stop should be held and, building up pressure, “burst” out into the next vowel.

[b]

The piece should only be performed as a whole and all movements are to be sung *attacca*.
Duration: ca. 15 minutes

ERWARTUNG UND TRAUMVERLUST
FOR SOLO VOICE

MARTIN HIENDL

I

Calm, but tense ($\text{♩} = 52$)
non vibrato

② γ [m(a)] pp

[m?] "f"

② [m(a)] p

[m?] "f"

② [m(i)] p [m(u)] pp [m?(u)] p

② [m(a)] f p "f"

②

[m(i)] → [m?] [m(i)] → [m?i] [m(u)] → [m?] [m(a)] [m(a)]
pp *f* *pp* *mf* *p* *f* *mf* *p*

[m?i] [m(i)] → [m?i] [m(i)] → [m?] [m?]
p *pp* *mf* *pp*

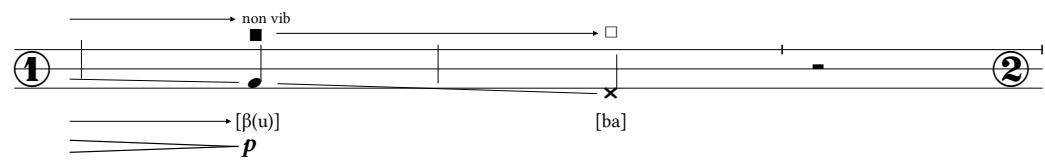
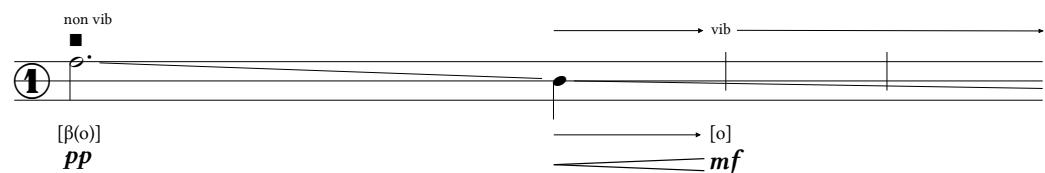
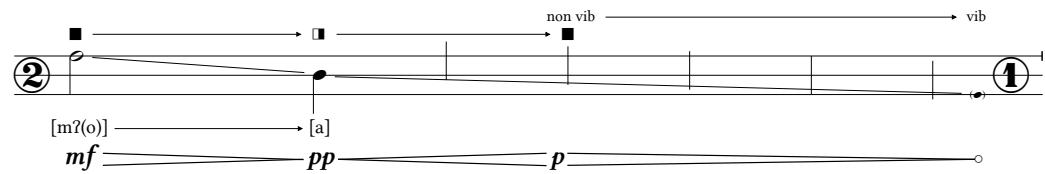
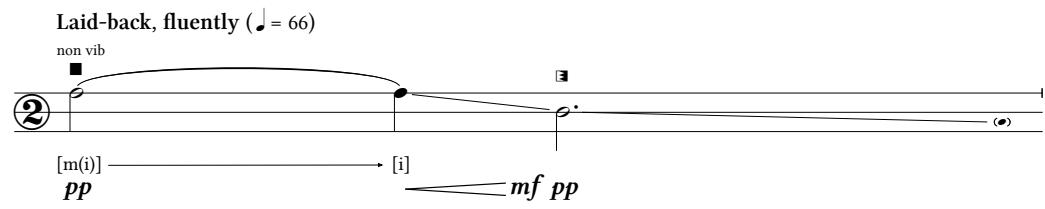
[m?i] → [m?] [m?] → [m?i] [m?] → [m?]
pp *f* *f* *p* *f*

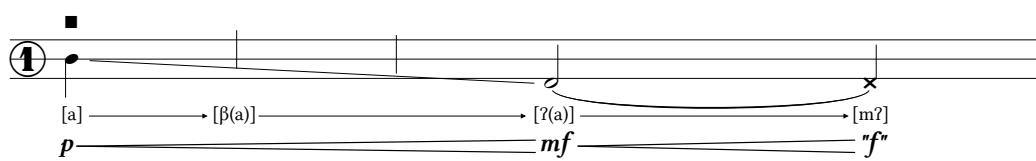
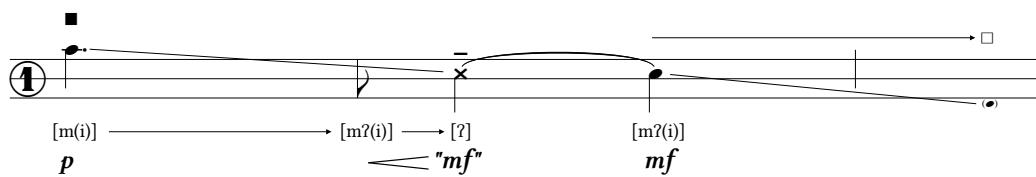
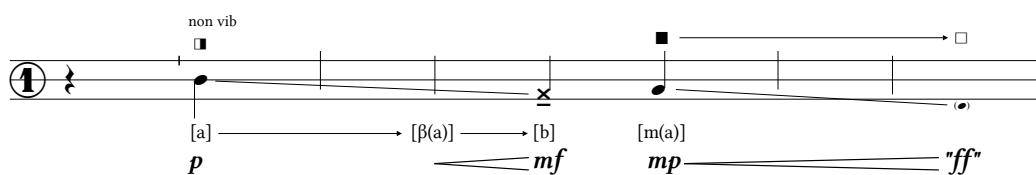
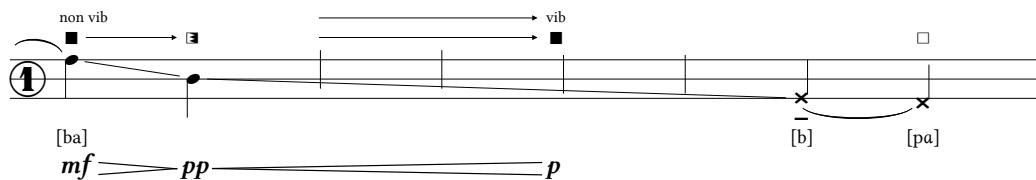
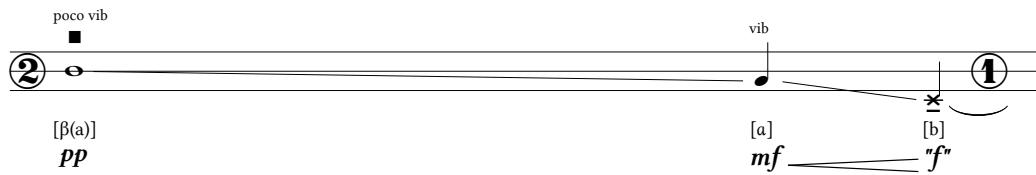
[m(a)] [m?i] [m?]
p *f* *pp* *ff*

* Let air squeak irregularly out of the mouth.
 Wet lips help to produce the sound.
 Continue as long as possible.

[m?i] [m?]
pp *p*

II





III

With commitment, singing ($\text{♩} = 63$)

non vibrato, unless notated otherwise

②

[f] → [v(a)] → [a] [v(a)] [a] [v(a)] → [a] [a] [i]

③

p ppp → *p pp* *p ppp* → *p ppp* *p ppp*

③ [v(a)] → [a] [ə] → *pp* [a] [i] [v(a)] → [a]

② [v(a)] → [a] [ə] → *pp* [a] [i] [v(a)] → [a]

③ [v(a)] → [a] [ə] → *pp* [a] [i] [v(a)] → [a]

p ppp → *mp pp* → *o*

③ [v(a)] → [a] [v(a)] → [a] [a]

② [v(a)] → [a] [v(a)] → [a] [a]

p f → *p mf* → *pp*

② [a] → [j] → [a] [j] → [a] [j] → [a] → [a] [ə]

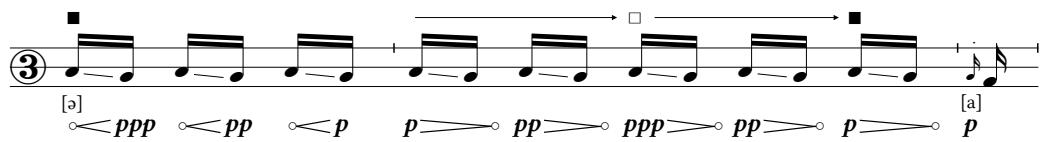
③ [a] → *ppp* [i] → *p* [v(a)] → *mp* [a] → *mf pp* → *p* → *p ppp* → *o*

poco vib → *p* → *ppp* → *o*

③ [a] → *ppp* [i] → *p* [v(a)] → *mp* [a] → *p*

② [a] → *p* [v(a)] → *mp* [a] → *p*

③ [a] → *p* [v(a)] → *mp* [a] → *p*



(3) [ə] < ppp < pp < p p [a] [m(a)] [v(a)]—> [a] f pp—o

poco vib—
vib—
□ → □

②

② [v(a)] [a]—3 [v(a)]—> [a] [a]

p—o p—o p—o p—o mf—> pp

(3)

(3) [a] [j]—> [a] [m(a)]—> [a] [a] [m(a)] —> [a] < mp

p—o < mf pp—o pp pp —> [a] < mp

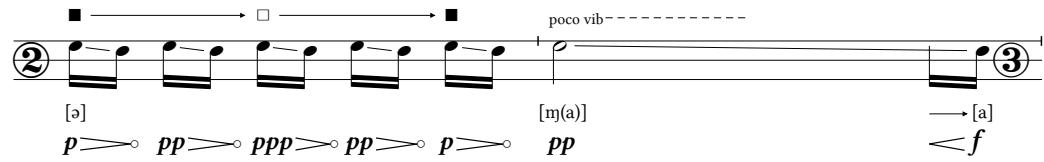
(3) [v(a)] [v(a)]—> [a] [m(a)]—> [a] [a] < mp pp —> [a] < mp

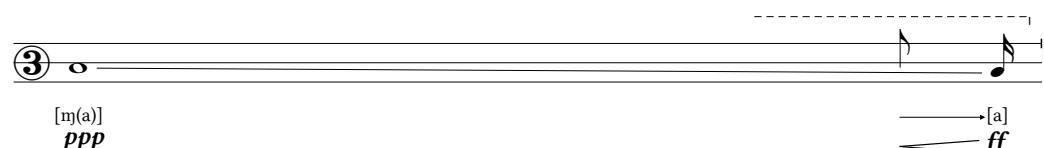
p—o p—o p—o p—o pp—o pp —> [a] < mp

3

vib—
poco vib—
□ → □

②

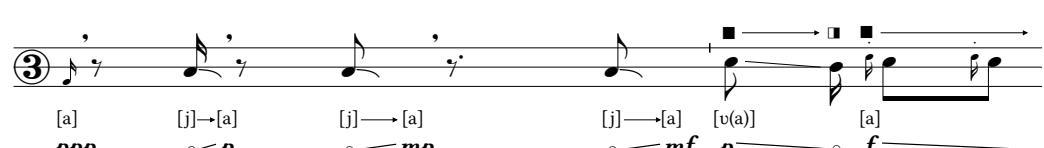
② 

③ 

③ 

③ 

③ 

③ 

③

[a] $\overbrace{\hspace{1cm}}$
p

[ə] $\overbrace{\hspace{1cm}}$ ○
pp $\overbrace{\hspace{1cm}}$ ○
ppp $\overbrace{\hspace{1cm}}$ ○

③

[a] $\overbrace{\hspace{1cm}}$
f

pp $\overbrace{\hspace{1cm}}$
mp $\overbrace{\hspace{1cm}}$

③

poco vib-
[ŋ(a)] $\overbrace{\hspace{1cm}}$
pp

[a] $\overbrace{\hspace{1cm}}$
mp

[ə] $\overbrace{\hspace{1cm}}$
pp

<
p

<
mp

<
f

③

[ə] $\overbrace{\hspace{1cm}}$
ff $\overbrace{\hspace{1cm}}$ ○
f $\overbrace{\hspace{1cm}}$ ○
mf $\overbrace{\hspace{1cm}}$ ○
p $\overbrace{\hspace{1cm}}$ ○
pp $\overbrace{\hspace{1cm}}$ ○
ppp $\overbrace{\hspace{1cm}}$ ○
sim.

③

[a] $\overbrace{\hspace{1cm}}$
ppp $\overbrace{\hspace{1cm}}$ ○
pp $\overbrace{\hspace{1cm}}$ ○
p $\overbrace{\hspace{1cm}}$ ○
mp $\overbrace{\hspace{1cm}}$ ○
ppp $\overbrace{\hspace{1cm}}$ ○
<
p

[j]→[a] $\overbrace{\hspace{1cm}}$
<
mp

[j]→[a] $\overbrace{\hspace{1cm}}$
<
mf

[a] $\overbrace{\hspace{1cm}}$
p

IV

Fleetingly ($\text{♩} = 72$)

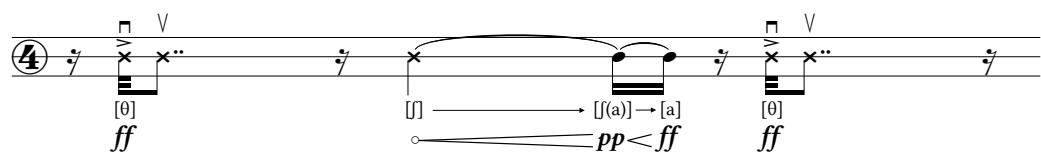
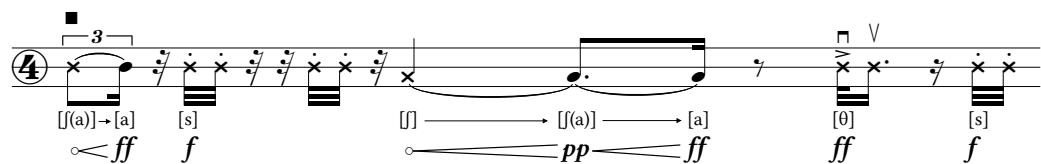
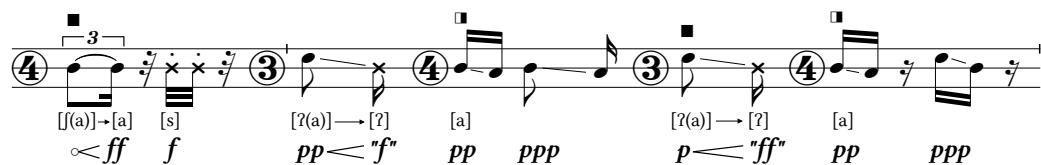
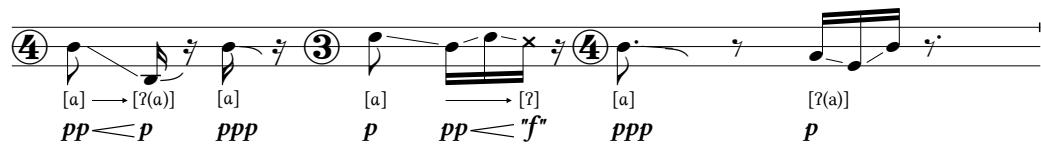
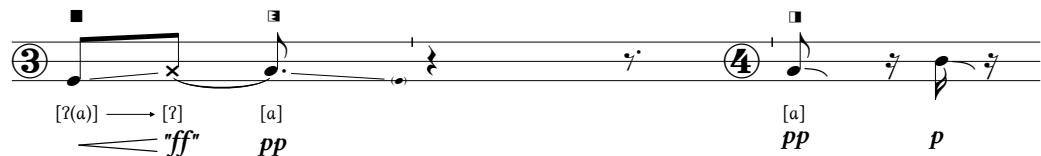
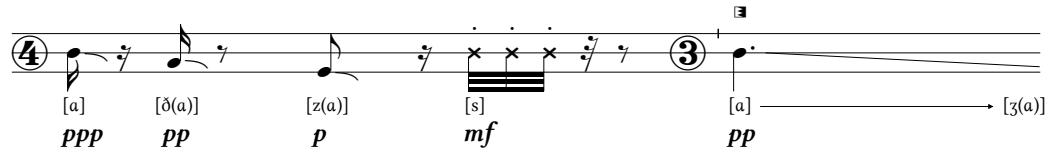
(3) \checkmark [θ] $f < ff$ [za] → [?(a)] → [a] [ʒ(a)] pp

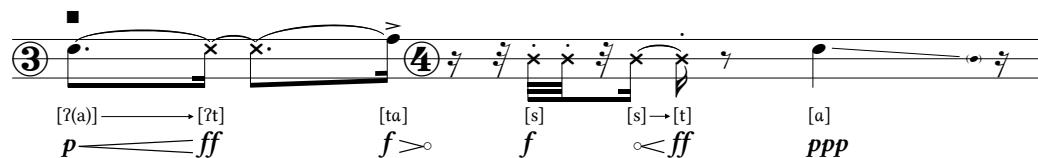
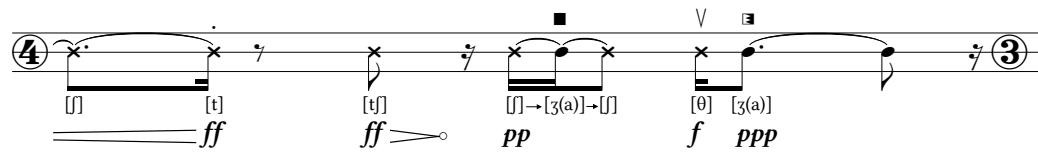
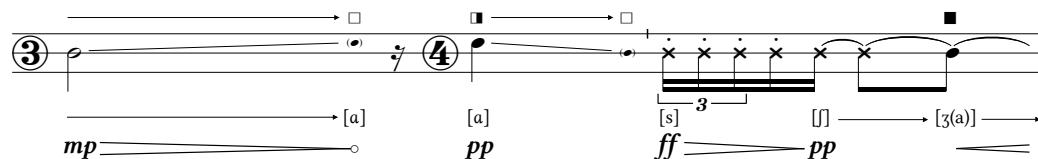
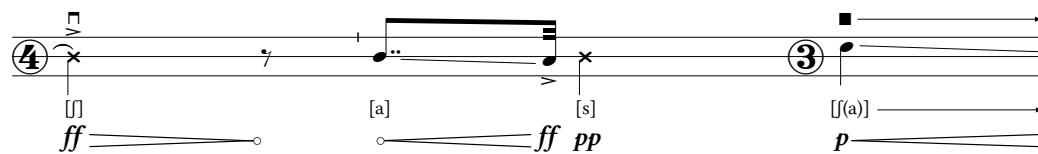
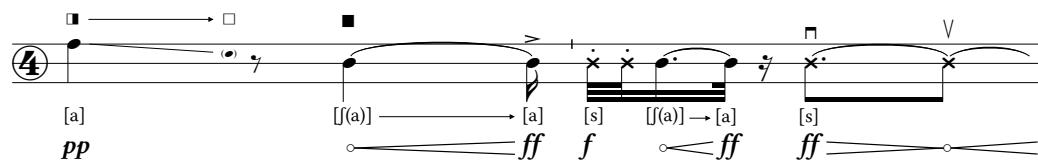
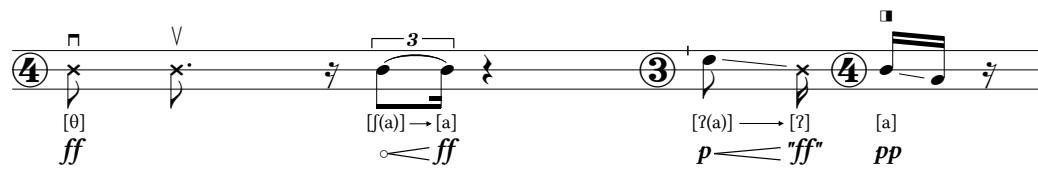
(3) $f < ff$ [za] → [?(a)] → [a] [ʒ(a)] p pp [a]

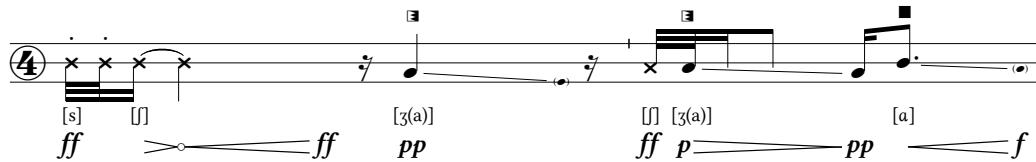
(4) ppp pp ppp $\geqslant \circ$ pp ppp pp

(3) $f < "ff"$ pp $[ʒ(a)]$ pp p $[a]$ $[ð(a)]$ pp $[z(a)]$ $[z(a)]$

(4) p p $\geqslant "f"$ pp $[?(a)] \longrightarrow [?]$ $[?(a)] \longrightarrow [?]$ p $\geqslant "f"$







4 *free*

[a] ff f <ff> f [?(a)] → [?] → [a] "ff" f [a]

4

[a] f "ff" [d] <ff> [a] f

4

[d] "fff" [da] fff [ht] "fff"

4

[a] pp [a] p f [a] → [?(a)] → [a] o p o [a] f > f >

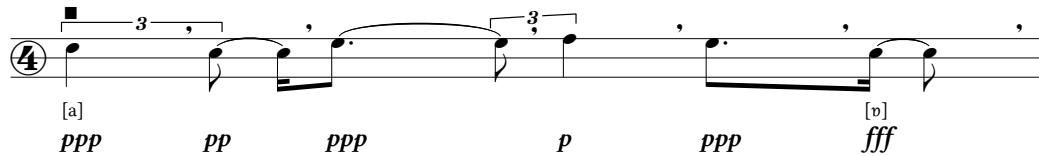
4

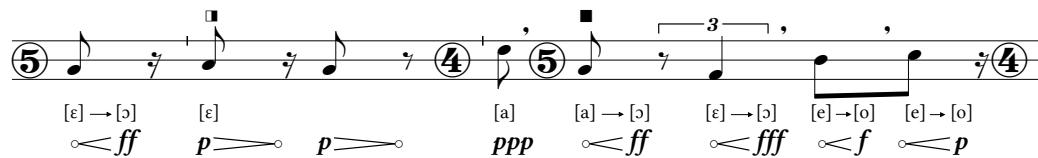
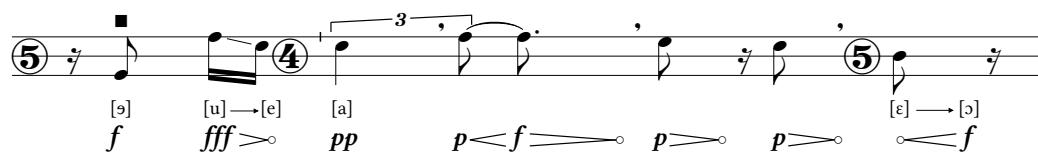
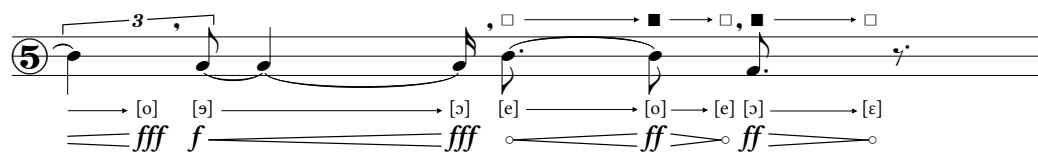
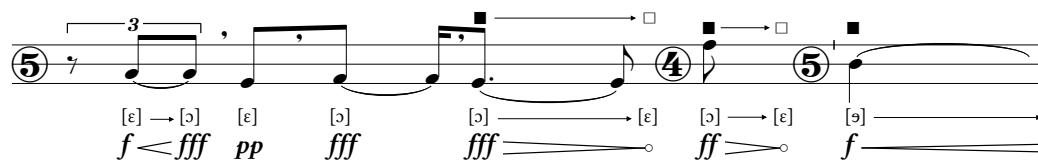
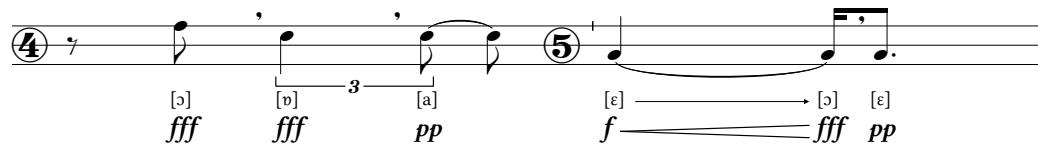
- [s] [a] o p o [s] → [t] f

V
[Finale!]

Faster, panting ($\text{♩} = 76$)

vibrato sempre







Musical notation for measures 4 and 5. Measure 4 starts with a forte dynamic (f) followed by a eighth note. Measure 5 starts with a eighth note. Both measures have a tempo marking of 3.

Measure 4: Dynamics: f, eighth note. Articulation: 3. Performance: [ε] ppp.

Measure 5: Dynamics: eighth note. Articulation: 3. Performance: [ε] → [o] ff.

Musical notation for measures 4 and 5. Measure 4 starts with a eighth note. Measure 5 starts with a eighth note. Both measures have a tempo marking of 3.

Measure 4: Dynamics: eighth note. Articulation: 3. Performance: [e] → [o] f.

Measure 5: Dynamics: eighth note. Articulation: 3. Performance: [e] ppp → [u] fff.

Musical notation for measures 4 and 5. Measure 4 starts with a eighth note. Measure 5 starts with a eighth note. Both measures have a tempo marking of 3.

Measure 4: Dynamics: eighth note. Articulation: 3. Performance: [i] ppp.

Measure 5: Dynamics: eighth note. Articulation: 3. Performance: [y] pp.

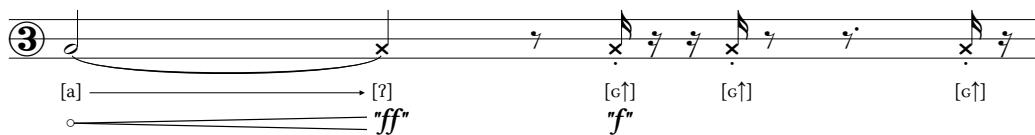
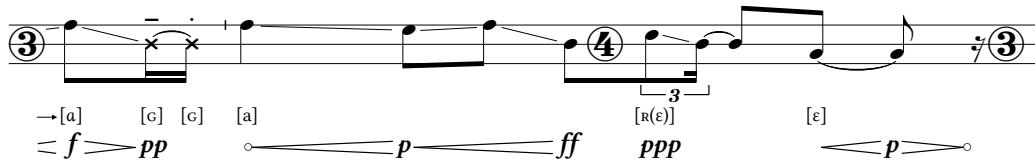
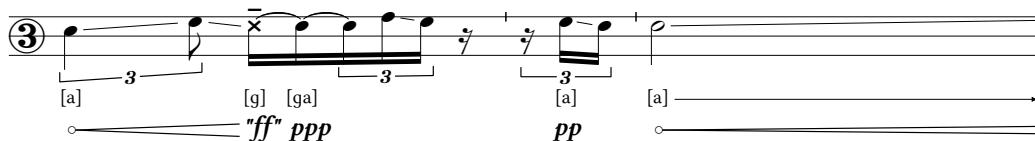
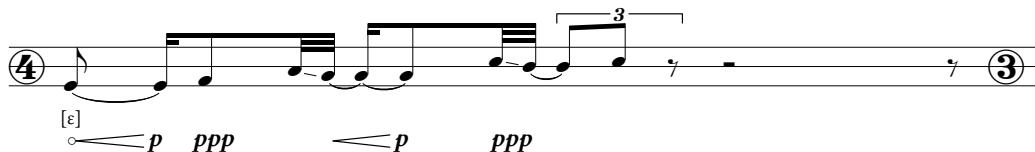
Musical notation for measures 4 and 5. Measure 4 starts with a eighth note. Measure 5 starts with a eighth note. Both measures have a tempo marking of 3.

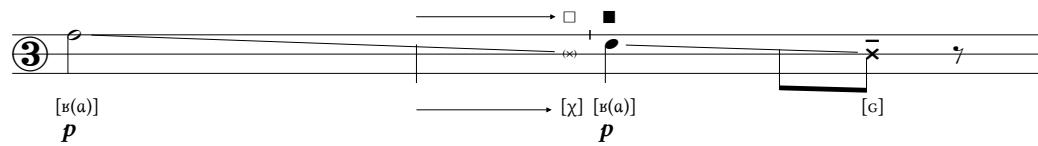
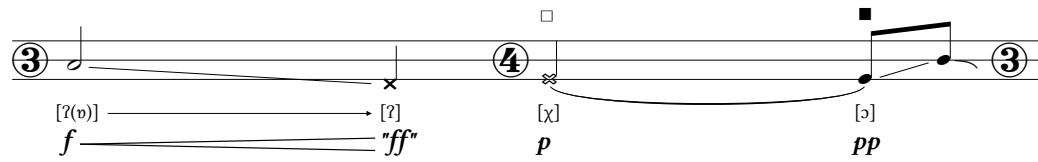
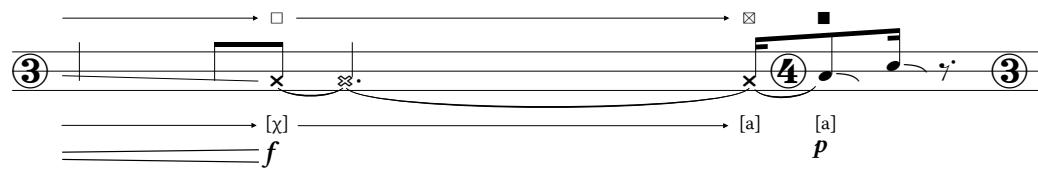
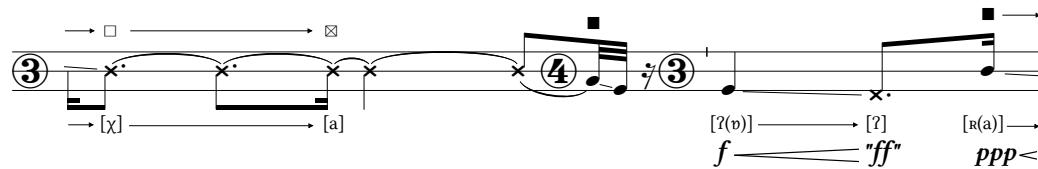
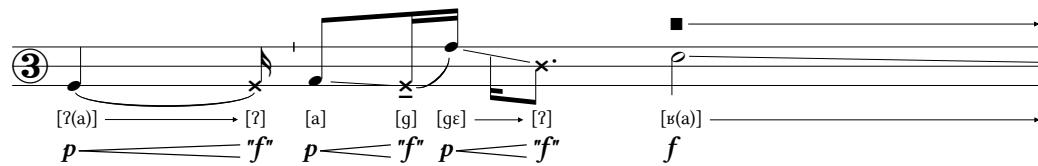
Measure 4: Dynamics: eighth note. Articulation: 3. Performance: [i] ppp.

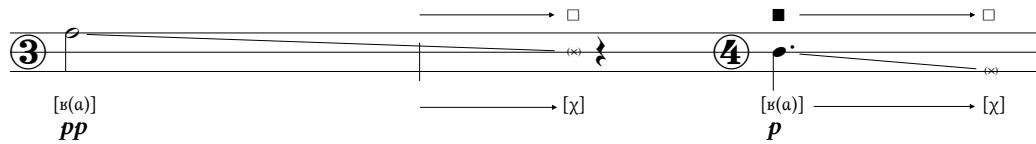
Measure 5: Dynamics: eighth note. Articulation: 3. Performance: [y] pp.

VI

Tensely ($\text{♩} = 60$)
non vibrato







4

[χ] f

[ε]

ff

[a]

pp

ppp

4

[ε] f

ff

p

$<\text{f}>$

$<\text{ff}>$

p

3

f

ff

[a]

[g]

[g↑]

[g↑]

3

p

ff

[a]

[g]

pp

f

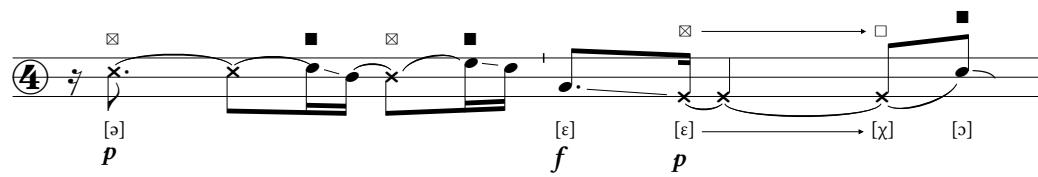
f

3

[ε]

pp

ppp



3 4 [ɔ] [ɛ]

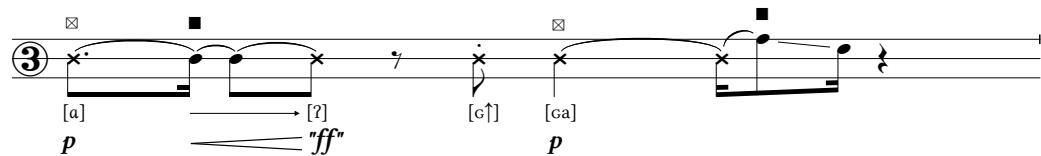
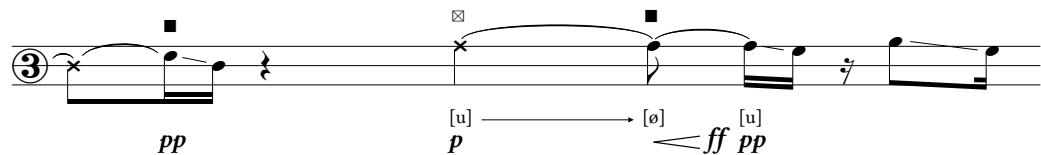
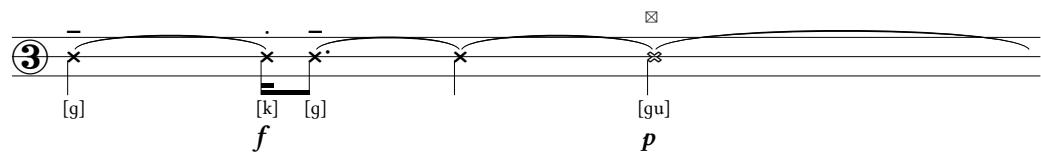
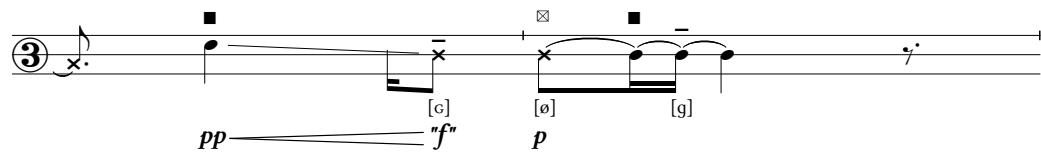
p p pp

4 [e] [y]

p → mp p

3 [ə]

p



5

[θ]

p

→ [ə]

[ø]

p

[ø] → [ə]

[ə]

[ø] → [u]

[ə] → [v]

mf

[ə] → [u]

[ə]

[ə] → [u]

f

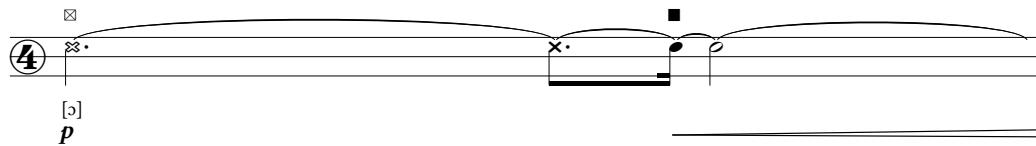
[ə] → [u]

ff

[g]

5

4



=ff pp [u]

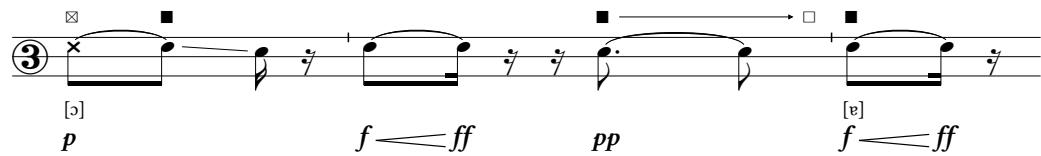
[g] "fff" [ga] [a] [g]

[ɛ] → [æ] [æ] [æ] → [e] [e] [e] → [ɔ] [ɔ]

<f> <f> f <f> f pp pp pp pp

[a] → [ɔ] [ɔ] → [?] [?] → [?]

pp <ff> pp pp ff pp pp



③ [?(ɔ)] → [?] *pp*

④ [?] → [?(ɔ)] *PP*

② [a] → [g] *ppp*

[g↑] *f*

② [g] *ff* → [ga] *ff* = ○

③ *ppp*

④ [ε] *f* → "ff" *ppp*

[a] *ppp*

③ [ga] → [a] *ff* > *ppp*

④ [a] → [g] *ff*" *ppp*

③ [e] *p*

③ [u] *p*

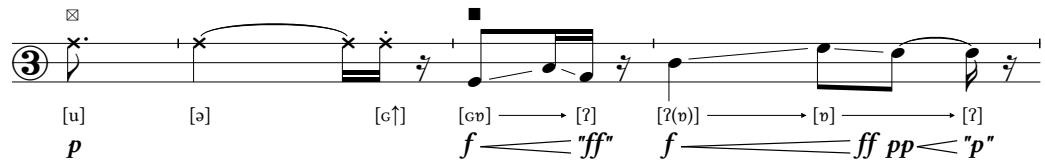
④ *mf*

③ [p] *p*

④ *f*

③ [ə] *p*

④ *ff* = ○



③

[?] → [v] → [?] [?] → [v] → [?] [a] [v] [?(v)] → [?] [a] "pp" < "p" "pp" → "f" ppp f → "ff" ppp

②

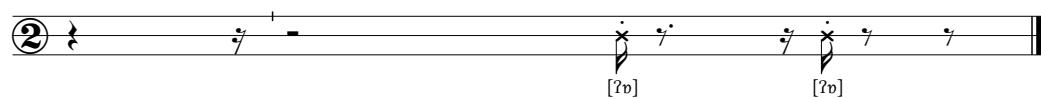
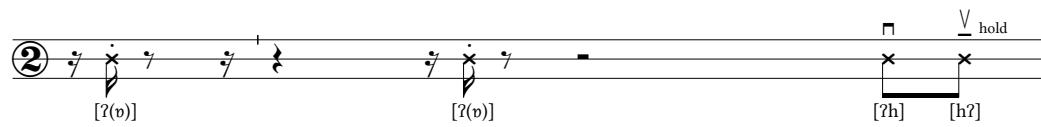
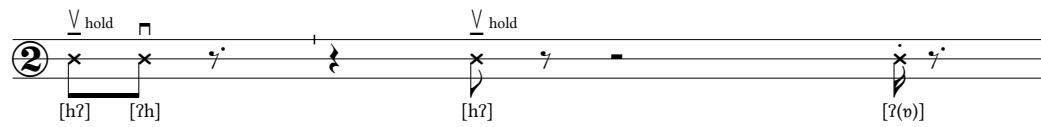
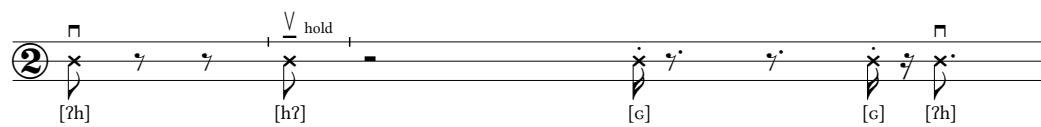
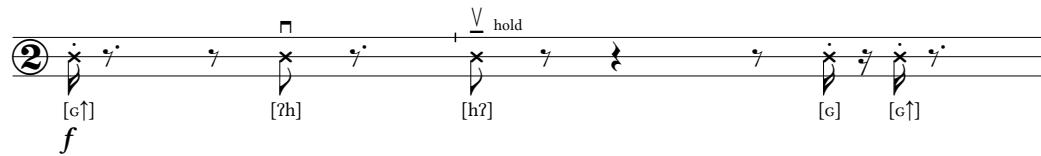
[?(a)] ff [?(o)] → [o] [o] → [u] [u] mf f → p ff f → pp pp

②

[o] → [u] [u] [u] [o] [g] [o] → [u] f → ff ff pp → f pp

②

[o] → [u] [u] [u] [g] [g] [f] [g↑] f → ff ff ppp



Martin Hiendl

from „Erwartung und Traumverlust“

Scene 5

Score

Instrumentation

Bassflute
Bassclarinet
Trumpet in Bb

3 Percussionists

Violin
Viola
Contrabass

General Notes:

The piece has two components: *loop material* and *exit material*.

The loop material consists of parts with differing lengths for each instrument. This material must be repeated eight times (with the exception of the actor's part). As a result, the instruments will get increasingly desynchronized.

Attack points, durations and dynamics are specified in a single line staff, where the dotted vertical line represents one beat at 63 bpm. The pitches for each attack point are notated in a five line staff above. For the eight repetitions of a loop, each attack point has eight different pitches.

If the duration for specific pitches exceed the limits of an instrument or player, they should be held as long as possible without a second embouchure. The use of bow changing and circular breathing is desired.

For the loop material, dynamics between instruments should be balanced in a way that their dynamic indications refer to the same absolute reference point of volume. The result should be as homogeneous as possible.

Every loop has two exit points indicated by bold arrows. If the conductor gives a specific sign (e.g. raising the hand), each performer who passes an exit point during that time frame must jump to one box of exit materials. The performers are free to choose which box to play, but should not repeat one box before playing all the others equally often.

The frequency and duration of showing the sign is free to the conductor from minimum (never) to maximum (always). When the performer finishes one box, she/he should return to the exit points in the loop. If an exit arrow is placed at an attack point, this note should be played when the performer returns from the exit material.

Accidentals:

flat	flat	natural	1/4 sharp	sharp
------	------	---------	-----------	-------

Arrows indicate deviation by 1/8 note in the pointed direction.

Bassflute:

Overblow steps:

- ① no additional overblow, written pitch
- ② ③ ④ increasing overblow steps
- ⑤ overblow as high as possible

Pitch-noise relation:

- all pitch
- half pitch - half air noise
- all air noise

tr. Trill while bending down; always trill with the half note above.

Arrows indicate a gradual transformation from one state to the other.

Bassclarinet:

<i>tr.</i>	Always trill with the half note above.
<i>bisb. tr.</i>	bisbiglano trill
<i>M(diss.)</i>	a rather distorted and dissonant multiphonic
<i>M(cons.)</i>	a rather soft and consonant multiphonic
	The given pitch should play an important role in the multiphonic.
<i>M(diss.) + tr.</i>	
<i>M(cons.) + tr.</i>	trill with a note within the multiphonic (either bisbigliando or something else)

Trumpet:

Everything should be played as high as possible, without affecting the duration, dynamic and the general contour of the phrase. The three lines specify the interval of a major third, specifically framing the chosen range of the phrase.

Two mutes will be used: harmon mute and cup mute.

- open
- ⊕ half-closed
- + closed



Scattered glissando lines indicate a shivering glissando, similar to the sound of almost losing the power of the embouchure.

Strings:

All harmonics are open string harmonics, notated in the resulting pitch. They are described by string numbers followed by the ordinal number of the harmonic.

- ① sul tasto
- ② ordinario
- ③ ponticello
- ④ molto ponticello
- ⑤ sul ponticello

Square noteheads describe noise sounds achieved through either overpressuring the bow ("press.") or bowing sul ponticello (③).

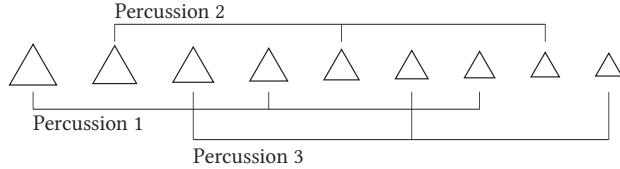
- tr.* Always trill with the half note above.

Arrows indicate a gradual transformation from one state to the other.

Percussion:

Each percussionist has one aluminium tube with a bucket of water. By dipping the tubes into the water they should achieve the notated pitches and let them ring as long as possible.

The nine triangles should be ordered from low to high and distributed as follows:



Actor:

The actors loop is 100 beats long and gets repeated three times. There are no exit points.

The actor should write words with chalk on the floor. The frame of the spot where she/he writes on should be limited and not be exceeded. When the writer reaches these borders, she/he should stop (even within a word), erase everything and continue writing again into the frame.

The actor should go evenly through the whole text over the course of one loop, and then start again from the beginning.

The actor should be placed far enough from the audience that you can see, that she/he is writing, but not, what she/he is writing.

*Sovente mi domando
Come eri ed ero prima.*

*Oft frage ich mich
wie du früher warst, wie ich früher war.*

Vagammo forse vittime del sonno?

Trieben wir etwa dahin, Opfer des Schlafs?

*Gli atti nostri eseguiti
Furono da sonnambuli, in quei tempi?*

*Was wir vollbrachten,
war es im Schlaf geschehen, damals?*

[...]

[...]

Giuseppe Ungaretti, *Ultimi cori per la Terra Promessa*

Video:

The video camera should capture a close-up of the spot where the actor is writing, and turn on a live projection visible to the audience at the designated time frames. The exit material should be captured images from the previous scenes of the opera.

<i>l.p.</i>	live projection
<i>rec.</i>	record the live projection
<i>p.b.</i>	playback of the live projection

Flute
(transposed)

Exit-Material

Flute (transposed)

Exit-Material

1st Staff:
p — f — pp — ff — fff

2nd Staff:
pp — f — pp

1st Staff:
f — p — f — p — fff

1st Staff:
f — >p

2nd Staff:
f — p

1st Staff:
fff p — ppfff — fff

1st Staff:
f — p — fff

1st Staff:
f — <f — p

2nd Staff:
p — f — p

1st Staff:
f — >p

1st Staff:
pp — f — pp

2nd Staff:
p — pp

3rd Staff:
pp — f — pp

Bassclarinet

Exit-Material

(transposed)

①

M(cons.)
pp

M(cons.) + tr
p

M(cons.)
pp

tr
f

ff

① → ③ → ①

M(diss.) + tr
f

bisb. tr

tr

ff

② ① ③ → ①

bisb. tr
f

M(cons.)
pp

p

② → ③ → ①

bisb. tr
f

M(diss.)

M(diss.) + tr

pp

③ → ① → ②

tr
f

ff

f

② ①

bisb. tr
f

M(cons.) + tr
p

② ③ → ①

bisb. tr
f

tr

② → ③ → ④ → ① → ②

bisb. tr
f

tr

M(diss.) + tr
p

ff

bisb. tr
f

Trumpet

Exit-Material

harmon mute (modulate with hand)

harmon mute (modulate with hand)

cup-mute

Percussion 1
Triangles

Exit-Material

Musical score for Percussion 1 (Triangles) showing a single staff with three measures. The first measure is dynamic **f**, the second **ff**, and the third **ppp**. The notes are eighth notes.

Musical score for Percussion 1 (Triangles) showing a single staff with two measures. The first measure is dynamic **fff** and the second is **f**. The notes are eighth notes.

Musical score for Percussion 1 (Triangles) showing a single staff with one measure. The dynamic is **fff**. The notes are eighth notes.

Musical score for Percussion 1 (Triangles) showing two staves. The top staff has two measures: dynamic **ff** and **p**. The bottom staff has one measure dynamic **pp**.

Musical score for Percussion 1 (Triangles) showing two staves. The top staff has one measure dynamic **ppp**. The bottom staff has two measures dynamic **f**.

Musical score for Percussion 1 (Triangles) showing two staves. The top staff has one measure dynamic **ppp**. The bottom staff has one measure dynamic **f**.

Musical score for Percussion 1 (Triangles) showing a single staff with one measure dynamic **fff**. The notes are eighth notes.

Musical score for Percussion 1 (Triangles) showing two staves. The top staff has one measure dynamic **ppp**. The bottom staff has one measure dynamic **fff**.

Percussion 2

*Exit-Material**Triangles*

Musical notation for triangles, consisting of two staves. The top staff has a bass clef, a common time signature, and a tempo marking of ***ppp***. It contains four notes. The bottom staff has a bass clef, a common time signature, and a tempo marking of ***p***. It contains five notes.

Musical notation for triangles, consisting of two staves. The top staff has a bass clef, a common time signature, and a tempo marking of ***ppp***. It contains three notes. The bottom staff has a bass clef, a common time signature, and a tempo marking of ***p***. It contains four notes.

Musical notation for triangles, consisting of two staves. The top staff has a bass clef, a common time signature, and a tempo marking of ***ff***. It contains six notes. The bottom staff has a bass clef, a common time signature, and a tempo marking of ***fff***. It contains four notes. The third measure of the top staff features a fermata over the first note.

Musical notation for triangles, consisting of two staves. The top staff has a bass clef, a common time signature, and a tempo marking of ***fff***. It contains three notes. The bottom staff has a bass clef, a common time signature, and a tempo marking of ***p***. It contains four notes.

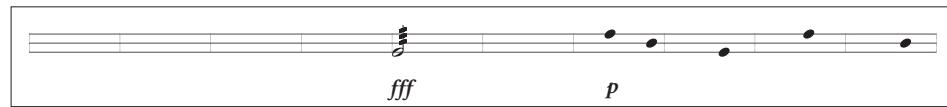
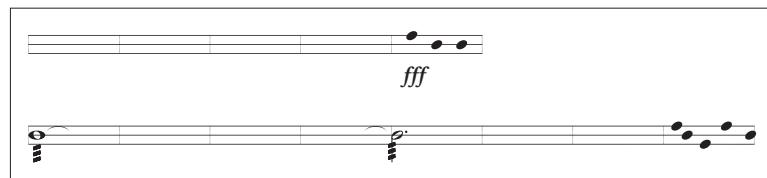
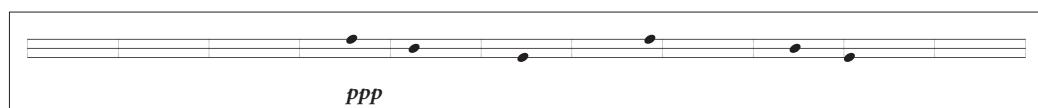
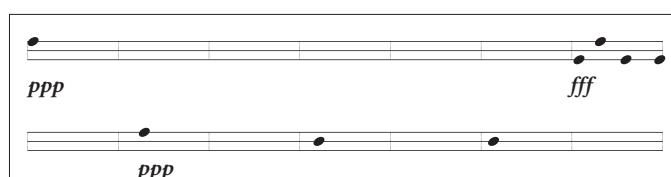
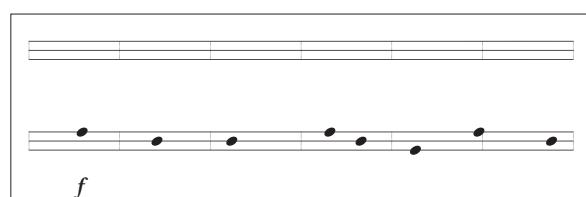
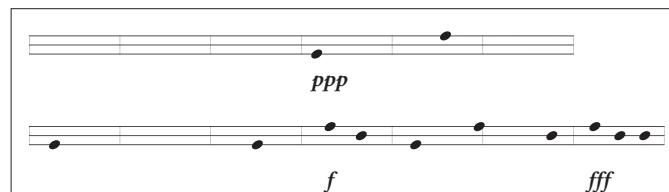
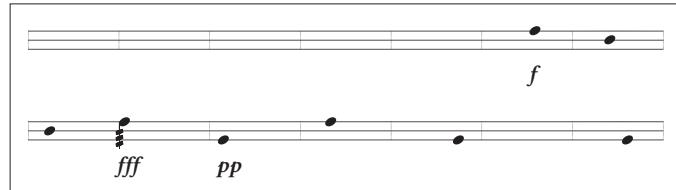
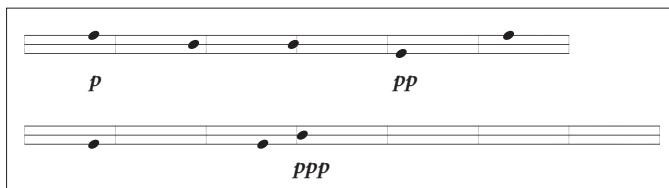
Musical notation for triangles, consisting of two staves. The top staff has a bass clef, a common time signature, and a tempo marking of ***fff***. It contains three notes. The bottom staff has a bass clef, a common time signature, and a tempo marking of ***pp***. It contains four notes.

Musical notation for triangles, consisting of two staves. The top staff has a bass clef, a common time signature, and a tempo marking of ***ppp***. It contains two notes. The bottom staff has a bass clef, a common time signature, and a tempo marking of ***p***. It contains one note.

Musical notation for triangles, consisting of two staves. The top staff has a bass clef, a common time signature, and a tempo marking of ***ff***. It contains eight notes. The bottom staff has a bass clef, a common time signature, and a tempo marking of ***pp***. It contains eight notes.

Percussion 3
Triangles

Exit-Material



Violin

Exit-Material

Violin

Exit-Material

15ma (3) I(4.) II(5.) f — p f — p

sva (4) II(4.) III(5.) # ♮ II(3.) f — p f — p

sva III(4.) IV(5.) III(3.) f — p f — p

I(11.) (4) press. 15ma ff p — ff

15ma (4) I(6.) ff — ppp — ff

15ma (3) > I(5.) II(7.) II(7.) I(5.) II(7.) (4) I(6.) f — ff > p — f — ff

I(11.) (4) press. 15ma ff — f — ff

15ma (3) I(5.) II(6.) f — p f — p sim.

15ma (4) press. hold I(5.) II(7.) f — ff

15ma (3) I(5.) II(6.) ff — p f — p f — p f — p

15ma (3) I(7.) II(10.) flaut. II(10.) I(8.) I(9.) ff — ff f

15ma (4) press. I(10.) flaut. I(10.) I(9.) flaut. p — ff

15ma (4) flaut. I(7.) I(2.) flaut. ff — p f — p p — ff ff —

Viola

Exit-Material

solo

I.(4.) *I.(3.)* *loco* *II.(4.)* *IV.(5.)* *II.(3.)*

f ————— *p f* ————— *p sim*

loco *III.(4.)* *IV.(5.)* *III.(3.)*

f ————— *p sim*

15ma

press. *I.(9.)* *press. hold* *II.(9.)* *loco* *flaut* *press.*

f ————— *ff* *ff > pp* *< ff*

15ma

press. *I.(5.)*

p *< ff > p*

II.(9.) *press.*

< f > p

15ma

press. *II.(5.)* *5* *III.(9.)* *II.(5.)* *3*

ff p *ff p* *p*

ff p

15ma

II.(9.) *3* *I.(7.)* *3* *I.(9.)* *3* *I.(7.)* *3* *flaut*

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

loco

Bassoon

flaut *IV.(5.)* *1* *flaut* *flaut*

loco *IV.(5.)* *III.(3.)*

p *f* ————— *p* *f*

15ma *4*

ff ————— *p* *< f >* *p*

I.(7.)

Contrabass
(transposed)

Exit-Material

Contrabass (transposed) Exit-Material

Measure 1: Dynamics p , tr. . Notes: ④ → ②, ④ → ②, ② → ④.

Measure 2: Dynamics ff . Notes: ④ → ②, ④ → ④, ② → ④.

Measure 3: Dynamics f . Notes: ④ → ②, ④ → ④, ② → ④, ④ → ②.

Contrabass (transposed) Exit-Material

Measure 1: Dynamics fff pp . Notes: ④ → ②, ④ → ④.

Measure 2: Dynamics p . Notes: ④ → ②, ④ → ④.

Contrabass (transposed) Exit-Material

Measure 1: Dynamics fff pp . Notes: ④ → ⑤, ④ → ⑤.

Measure 2: Dynamics p . Notes: ④ → ②, ④ → ④.

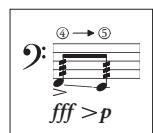
Contrabass (transposed) Exit-Material

Measure 1: Dynamics fff pp . Notes: ④ → ⑤.

Measure 2: Dynamics $f > \text{pp}$. Notes: ④ → ⑤.

Measure 3: Dynamics fff pp . Notes: ④ → ⑤.

Measure 4: Dynamics $f > \text{pp}$. Notes: ④ → ⑤.



Contrabass (transposed) Exit-Material

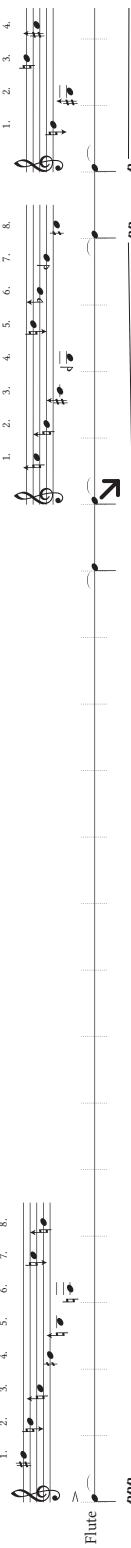
Measure 1: Dynamics fff pp . Notes: ④ → ②, ④ → ④.

Measure 2: Dynamics fff pp . Notes: ④ → ②, ④ → ④.

Measure 3: Dynamics p . Notes: ④ → ②, ④ → ④.

Violin  **p**

Contrabass  **pp**

Flute  **p**

Bassclarinet  **pp**

Viola  **p**

The image shows a sequence of musical staves and blank staff lines, connected by arrows, illustrating a melodic line across multiple measures. The music is in common time and consists of eight measures. The key signature changes from one measure to the next, indicated by the number above each staff.

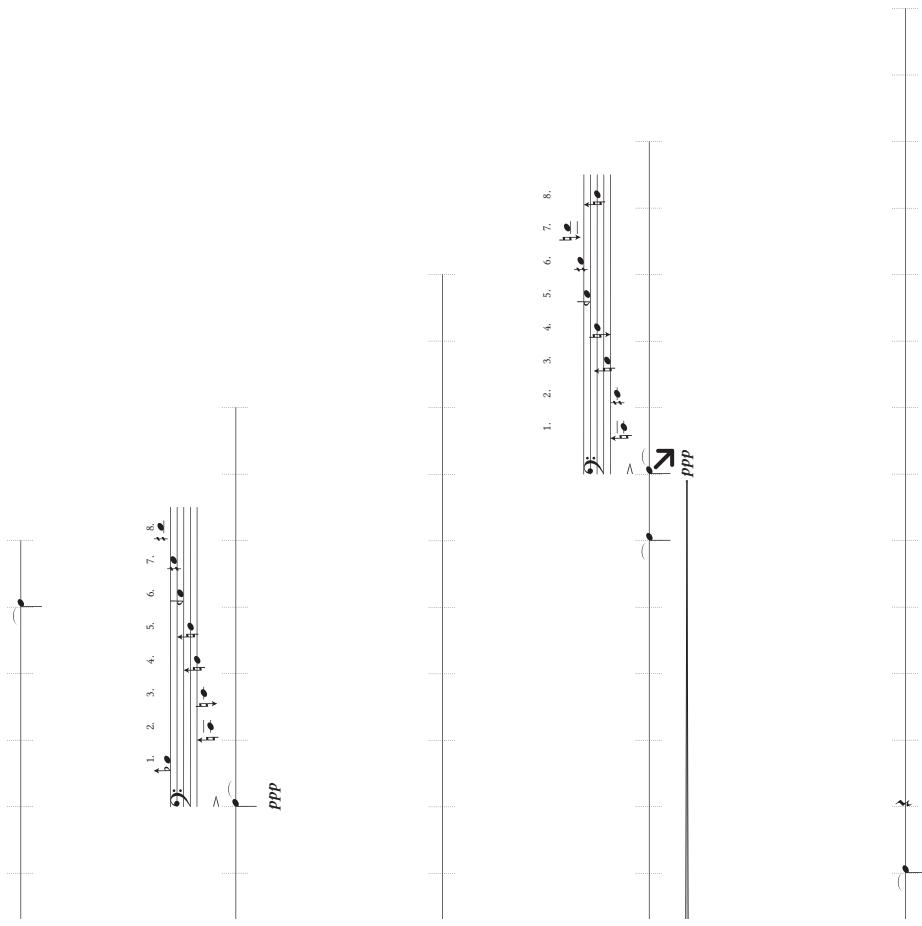
Measures 1-2: Key signature 5, 6, 7, 8. The melody starts on the first staff with a quarter note (C) and continues to the second staff with a quarter note (D). The dynamic is *ppp*.

Measures 3-4: Key signature 1, 2, 3, 4. The melody continues from the previous staff, starting with a quarter note (E) on the second staff.

Measures 5-6: Key signature 5, 6, 7, 8. The melody continues from the previous staff, starting with a quarter note (F#) on the second staff. The dynamic is *p*.

Measures 7-8: Key signature 1, 2, 3, 4, 5, 6, 7, 8. The melody continues from the previous staff, starting with a quarter note (G) on the second staff. The dynamic is *p*.

Measures 9-10: Key signature 5, 6, 7, 8. The melody continues from the previous staff, starting with a quarter note (A) on the second staff. The dynamic is *ppp*.



Trumpet

1. 2. 3. 4. 5. 6. 7. 8. 1. 2. 3. 4. 5. 6. 7. 8.

Percussion 1

1. 2. 3. 4. 5. 6. 7. 8. 1. 2. 3. 4. 5. 6. 7. 8.

Percussion 2

1. 2. 3. 4. 5. 6. 7. 8. 1. 2. 3. 4. 5. 6. 7. 8.

Percussion 3

1. 2. 3. 4. 5. 6. 7. 8. 1. 2. 3. 4. 5. 6. 7. 8.

Video

1. 2. 3. 4. 5. 6. 7. 8. 1. 2. 3. 4. 5. 6. 7. 8. 1. 2. 3. 4. 5. 6. 7. 8.

lp. lp. lp. rec. p.b. p.b. p.b. p.b. rec. p.b. p.b. p.b. p.b. lp. lp. lp. lp. lp. lp. lp. lp.

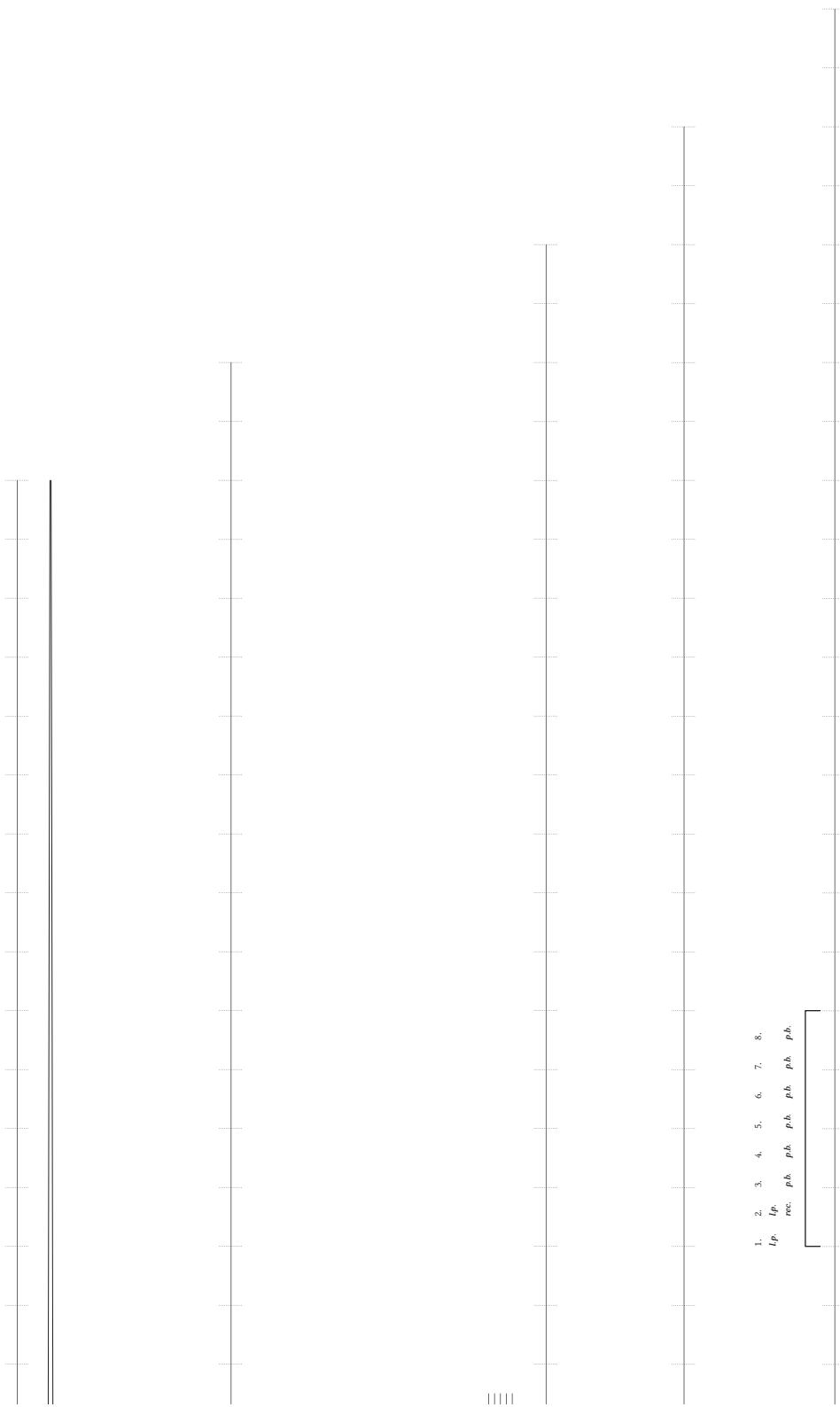
1. 2. 3. 4. 5. 6. 7. 8.

1. 2. 3. 4. 5. 6. 7. 8.

1. 2. 3. 4. 5. 6. 7. 8.

1. 2. 3. 4. 5. 6. 7. 8.

1. 2. 3. 4. 5. 6. 7. 8.



Martin Hiendl

Aufschlag

for any four players

(2011)

Score

dedicated to
Nicholas Deyoe

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Notes

This piece is for any four instruments.

Every note represents the *beginning* of a musical event, but *not* the duration. The written durations were chosen to facilitate legibility of the rhythmic structure. The actual duration of a musical event may be determined as described below.

Each musical event is defined by a combination of three descriptions, indicated by the contour of the line below each note. This line shows three distinct values (1, 2 and 3) on an implicit matrix of three vertical axes.



To read as: 1-3-3 1-2-3 3-2-3

Each axis represents one description of a sound. The values indicated by the line specify a particular manifestation of this description, where 1 and 3 are the extremes of that description and 2 is in the middle. The combination of these values of the three axes defines one musical event.

The descriptions that these axes represent have to be the same for all four players. They may vary between the two movements, but may not vary within each movement.

The tempo is free to choose by the performers and may vary over the course of the piece.

Two sets of brackets (with sub-sets) have to be pasted into the second movement.
Each bracket defines a section that has to be repeated at a certain pattern.

The two sets may be placed anywhere in the movement, but they may not overlap and must be successive.

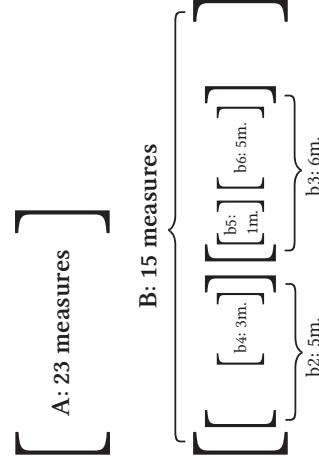
Once the players arrive at the end of a set, they have to repeat it immediately according to the pattern below, and when finished, continue playing the score to the end.

Patterns:

A: repeat A once

B: repeat B once,

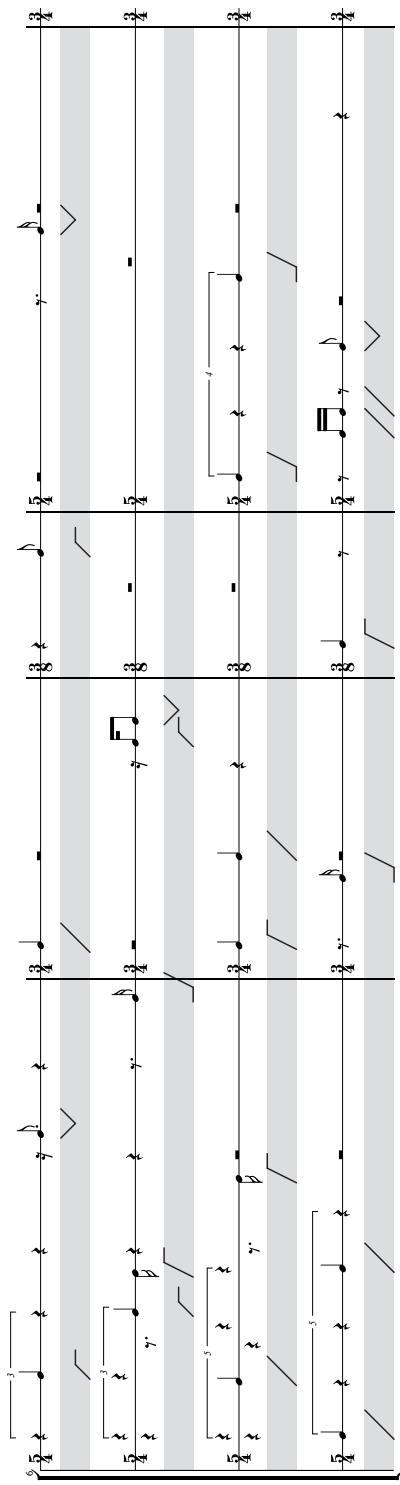
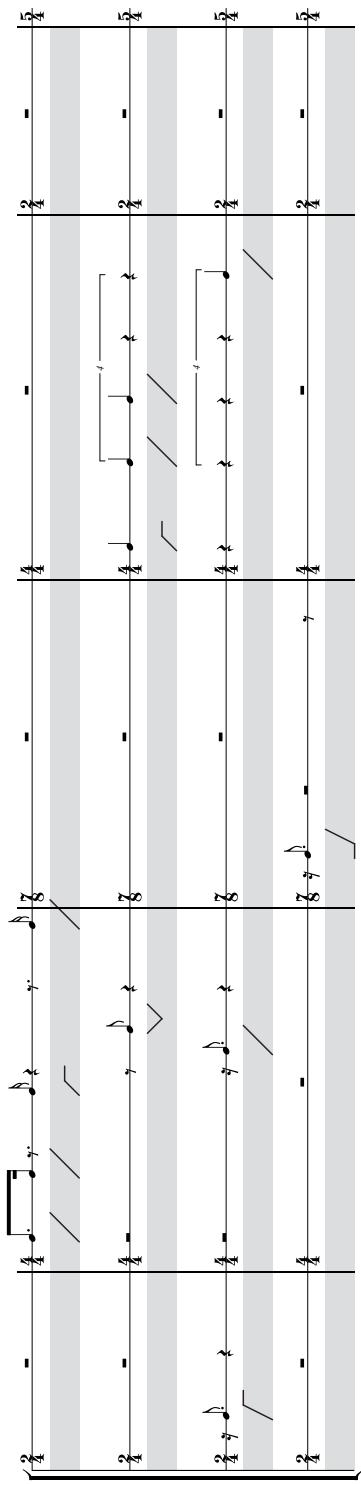
and then in the following order:
b3, b4, b6, b5, b2, b4, b5, b5, b4, b5

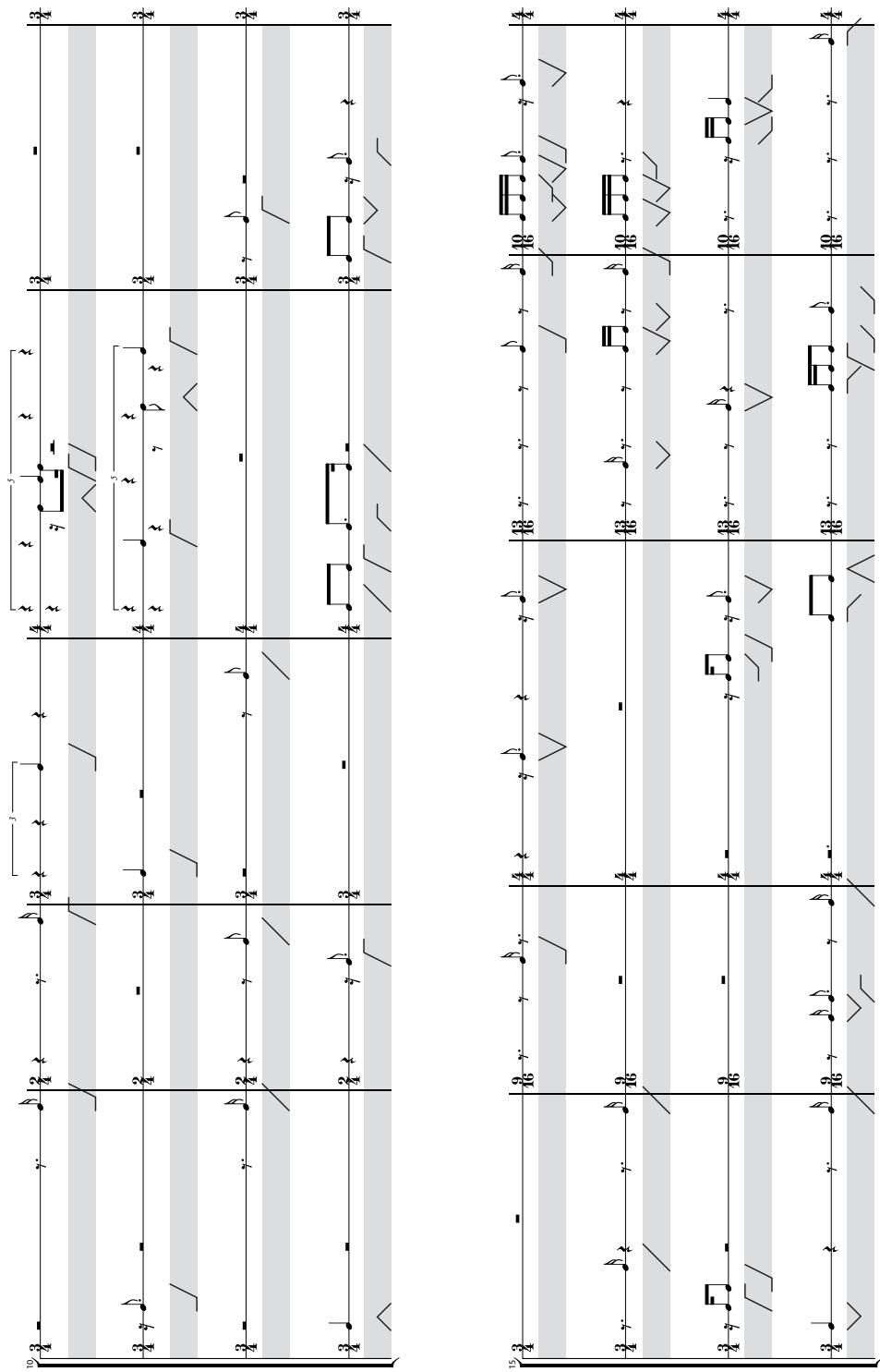


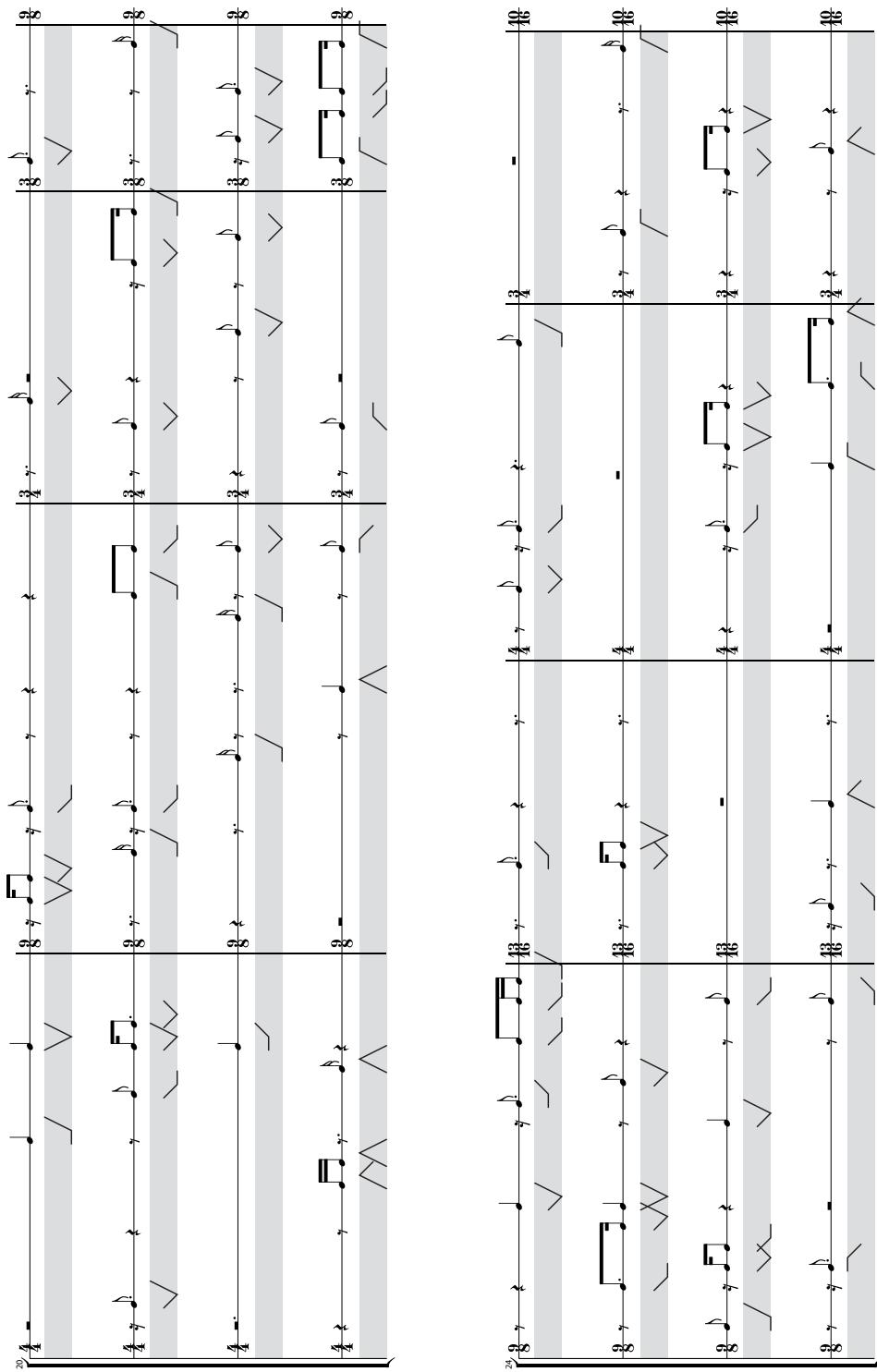
Aufschlag
for any four players

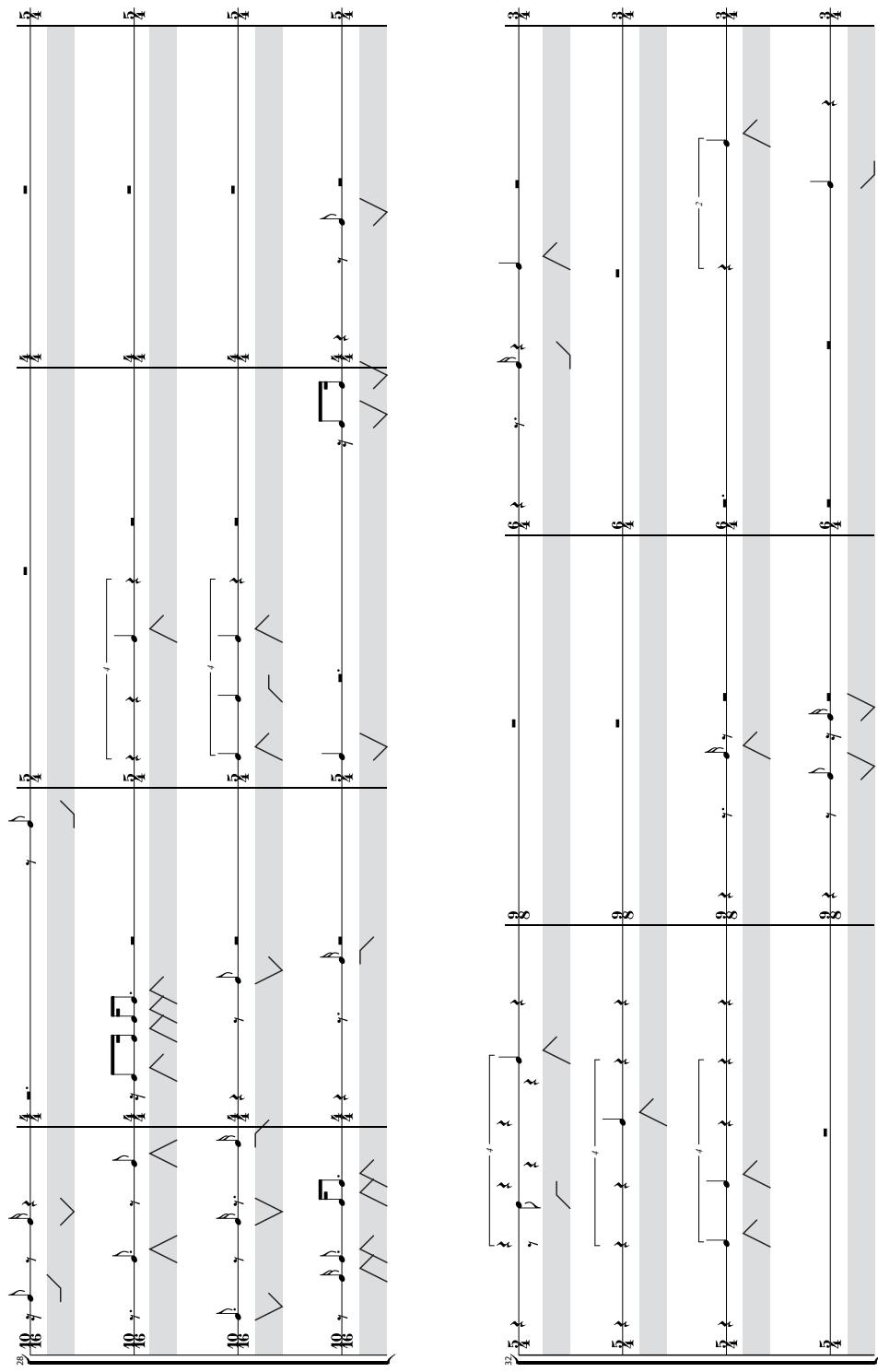
Martin Hendl

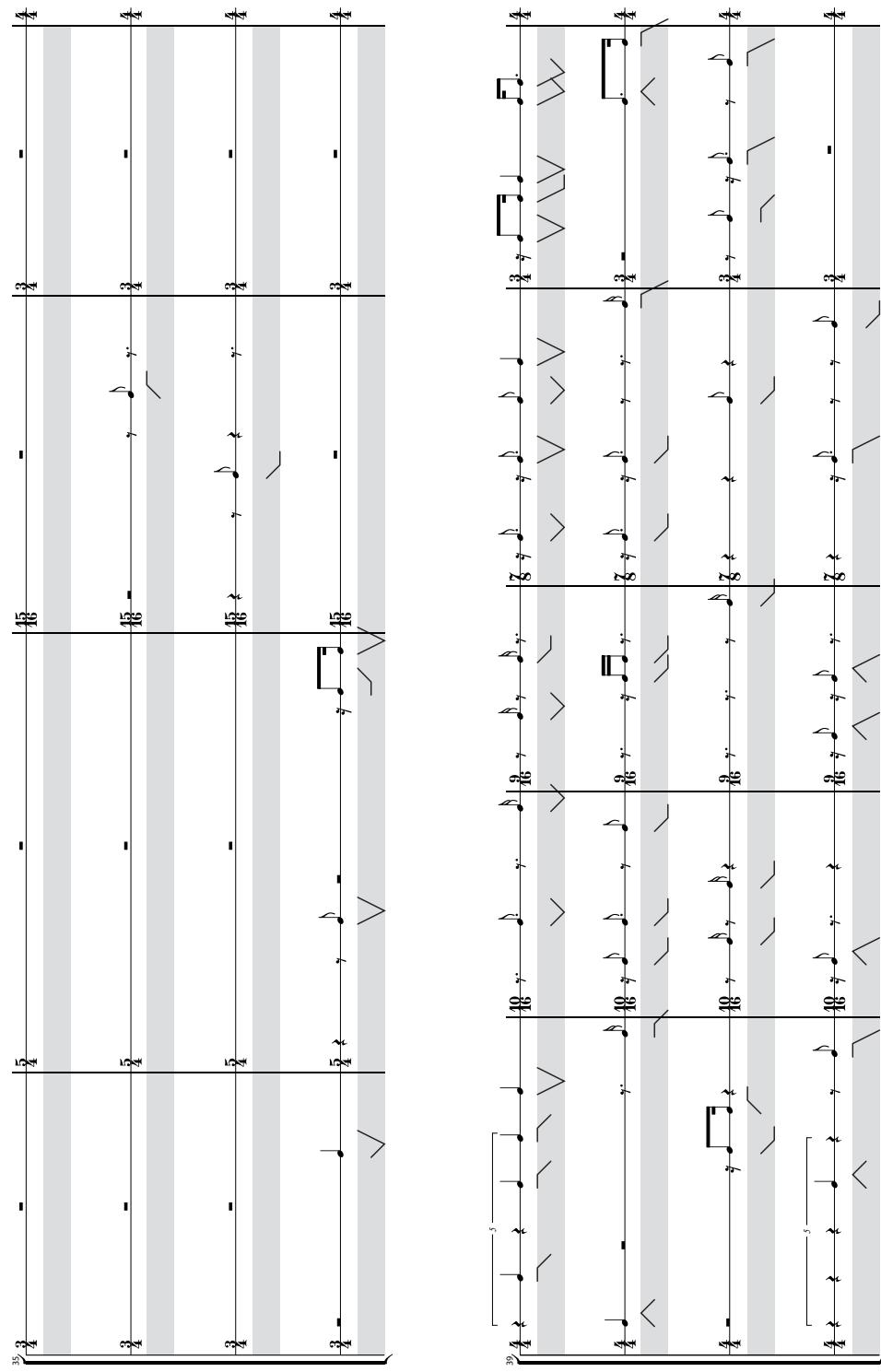
I.

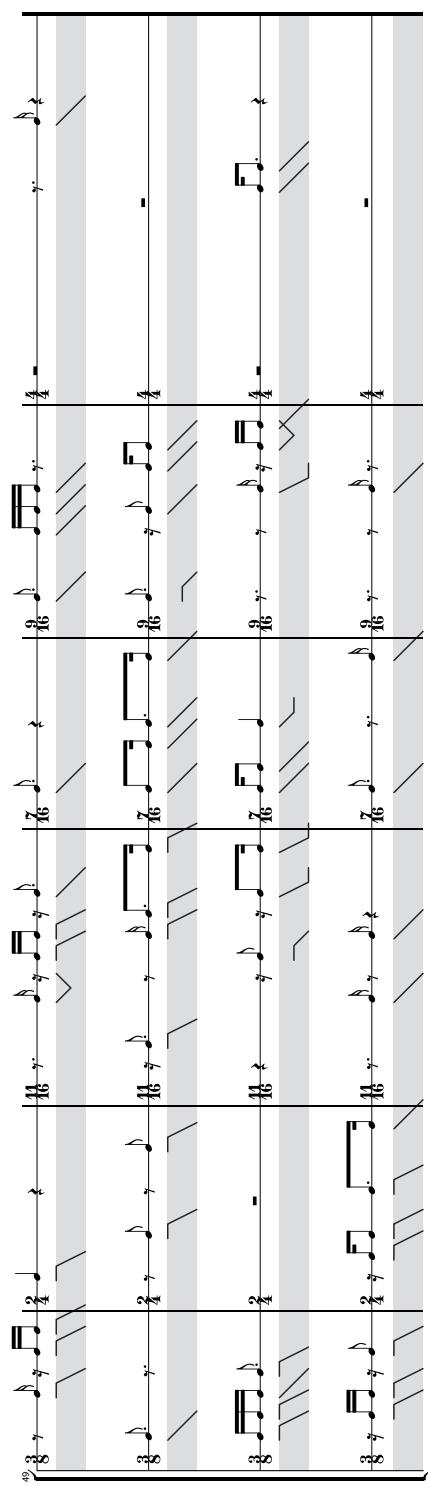
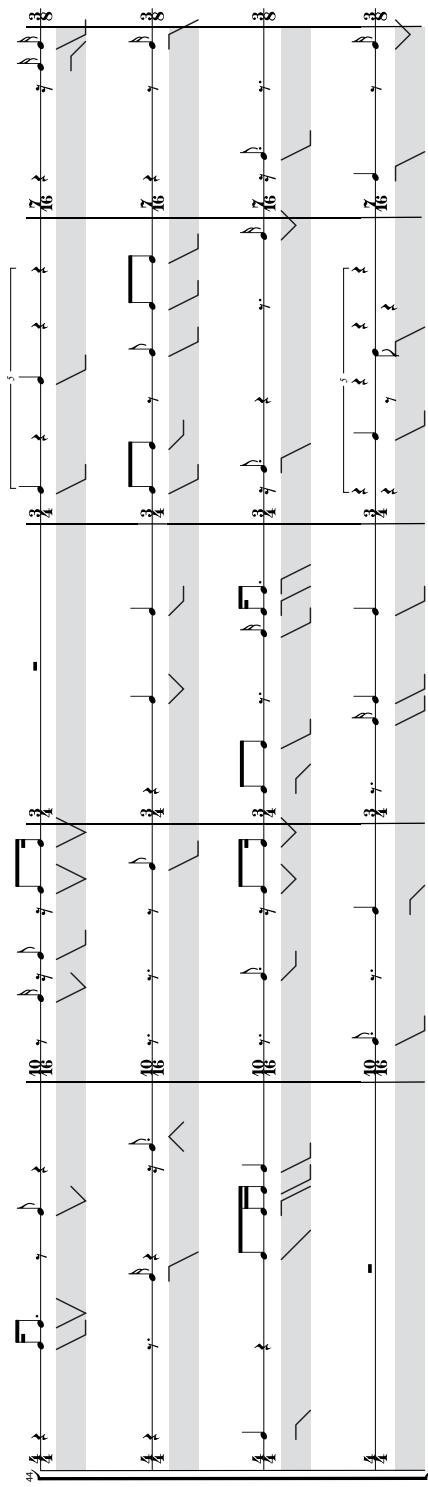












II.

