

ALMA

III. "Soma"

for orchestra and electronics

Jukka Tiensuu (1998)

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ALMA
for orchestra and sampler
III: "Soma" (1998)

Instrumentation

2 piccolo flutes
2 oboes
3 clarinets in B^b (3. also bass clarinet)
2 bassoons (2. also contrabassoon)
2 horns in F
2 trumpets in C
3 trombones (3. bass trombone)
1 tuba
3 percussions (1. timpani, vibraphone, 2. Glockenspiel, 3. tubular bells, tomt-toms, bass drum)
1 MIDI keyboard (to control an Akai S5000/6000 sampler)
strings (at least some contrabasses with C-string)

Notation

Small note-heads in glissandi passages indicate approximate pitches.

Accidentals apply to the whole bar (as in traditional notation). Also, any accidental, including a micro-tonal one, cancels the previous accidental.

♯ ♭ a quarter-tone sharp and flat respectively. (Uses always the natural as reference)

↑ ↓ an eight-tone sharp and flat respectively. (The natural as reference, unless combined with another accidental)

♯ ♭ ↓ three eight-tones sharp and flat respectively. (The natural as reference)

! Cone-formed symbol above or below a note indicates a sharp staccato, which is always short, regardless of the length of the note or the surrounding musical texture, while normal staccato dots are interpreted in conform with the length of the note or the surrounding musical texture.

Glissandi should be played evenly during the whole duration of the note(s) (not "portamento"). Glissandi should never be replaced by a (chromatic) scale. Glissando-sign without an ending note indicates bending of the tone. (e.g. in bars 192 ff.)

Articulation: where not indicated (by slurs, dots etc.) articulation is left to the players' discretion, but should reflect the character of the music played. In general the notes should be played in full length but well articulated. Very rapid passages (like 1/32-notes or 1/16-note triplets) may be slurred freely (but in congruity with the musical structure of the passage).

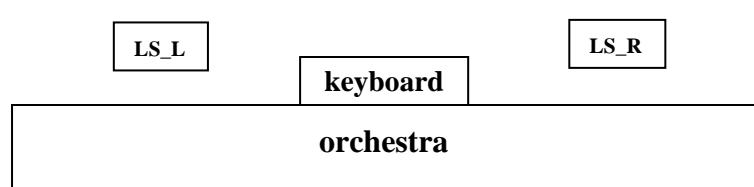
Optional last bar. The very last bar (bar 277) is optional when only *Soma* is played. With the complete *Alma* it is obligatory.

In the 3. **percussion** part normal notes indicate tubular bells (exact duration, unless marked *l.v.*), diamond-shaped note-heads indicate tom-toms (the diamond-head below stave indicating bass drum)

MIDI keyboard should have at least 76 keys (E0...G6), 16-note polyphony, and the possibility of quick changes between program numbers 1-16 (e.g. Yamaha KX-88 or SY-99). The keyboard functions as master keyboard to an Akai S-6000 (or S-5000) sampler. (The use of another Akai model may be possible, but is not recommended). The circled numbers in the keyboard parts indicate the program selection. These changes should be performed where indicated to be certain to avoid inadvertent clipping of the (possibly still resonating) samples. *No volume or sustain pedals must be used* (dynamics by fingers only)! The samples (with directions of use) are sent with the orchestral parts.

The **amplification** of the keyboard part should be set to correspond to the tutti orchestra and should not be changed during the performance.

The **loudspeakers** (wide and even frequency range, no bass boost!) should be placed **behind** the orchestra, *never in front!*



audience

Soma was commissioned jointly by the Warsaw Autumn Festival and the Helsinki Philharmonic Orchestra.

Alma III. "Soma"

Jukka Tiensuu 1998

Musical score page 1, measures 1-5. The score includes parts for flutes (fl.1, fl.2), oboes (ob.1, ob.2), clarinets (cl.1, cl.2), bassoon (bassoon), bassoon (bn.1, bn.2), horns (hn.1, hn.2), trumpets (tr.1, tr.2), tubas (tn.1, tn.2, tn.3), timpani (tba), piano (p.1, p.2, p.3), keyboard (kbd), violins (v.1, v.2), viola (va), cello (vc), and bass (cb). The tempo is $\text{♩} = 132$ con ardore. Dynamics include *ff*, *p*, *ff sempre*, and *pp*. Measure 1: All parts play eighth-note patterns. Measure 2: Flutes play sixteenth-note patterns. Measures 3-4: Various instruments play eighth-note patterns. Measure 5: Keyboards play sixteenth-note patterns.

Musical score page 2, system 15. The score includes parts for flutes (fl. 1, fl. 2), oboes (ob. 1, ob. 2), clarinets (cl. 1, cl. 2), bassoon (bn. 1, bn. 2), horn (hn. 1, hn. 2), trumpet (tr. 1, tr. 2), tuba (tn. 1, tn. 2, tn. 3), tuba (tba), piano (p. 1, p. 2, p. 3), keyboard (kbd), violin (v. 1, v. 2), viola (va), cello (vc), and bass (cb). The music features dynamic markings such as *ff*, *p*, *mp*, *pp*, *molto dim.*, *ff legato*, and *sul A*. Measures 15 through 18 are shown, with the piano and keyboard parts providing harmonic support to the woodwind and brass sections.

A detailed musical score page for orchestra and piano. The top half shows woodwind parts (flute 1, flute 2, oboe 1, oboe 2, clarinet 1, clarinet 2, bassoon 1, bassoon 2, horn 1, horn 2, trumpet 1, trumpet 2, tuba), brass parts (trombone 1, trombone 2, trombone 3, tuba), and strings (piano 1, piano 2, piano 3). The bottom half shows keyboard (kbd), woodwind solos (v.1, v.2, v.3, v.4), and strings (cello, double bass). The score includes dynamic markings such as *p*, *pp*, *ff*, *ff dim.*, *tutti*, *8va*, and *sul D*. Measure numbers 21 and 22 are indicated at the top right.

4

28

fl. fl. 5 3 pp ff 5 3 pp
ob. 1 ob. 2 pp ff p
ob. 3 pp ff pp
cl. 1 pp ff 3 3 pp
cl. 2 pp
bc. pp ff 3 3 pp
bn. 1 pp ff pp
bn. 2 pp
ff > p ff ff ff > p
ff > p
hn. 1
hn. 2
tr. 1
tr. 2
tn. 1
tn. 2
tn. 3
tba.
p. 1
p. 2
p. 3
kbd. ff dim. ff dim. ff dim. 3 3 3 6 pp
v. l. sul A loco 8va sul A sul D 1. + 2. soli
v. l. sul A loco 8va sul A sul D 1. + 2. soli
v. a. sul A ff 8va sul A sul D 1. solo
v. a. sul D ff 8va sul A sul D
v. c. sul A ff 8va sul A sul D
ct. sul G ff

6

42 =88

non legato

fl. 1
fl. 2

ob. 1
ob. 2

cl. 1
non legato
f — pp

cl. 2

bcl

bn. 1
bn. 2

hn. 1
hn. 2

tr. 1
tr. 2

tn. 1
tn. 2
tn. 3

tba

p. 1
mp

p. 2

p. 3
p

(l.v.)
p

pp (fingertips)

kbd

v. 1
v. 2
non legato
mf f — p
non legato
f — p

vcl

vcl
solo
gli altri
(solo) mp mf — p

vcl
tutti
(solo) f — p

cb

8

52

fl. 3 3 5
fl. 2 pp 3
ob. 1 p
ob. 3 p
cl. 1 3
cl. 2 3 3
bc. mf 3
bn. 1 f ff
bn. 2 f ff
hn. 1 p ff mp p ff ff mp
hn. 2 p ff mp p ff ff mp
tr. 1 p ff mp p ff ff mp
tr. 2 p ff mp p ff ff mp
tn. 1 p ff mp p ff ff mp
tn. 2 p ff mp p ff ff mp
tn. 3 p ff mp p ff ff mp
tba p ff mp p ff ff mp
p. 1 > > >
p. 2 3 #
p. 3 >
kbd p cresc. 3
v. 1 p ff
v. 2 p ff
va p ff
vc p ff
cb. p ff

Musical score page 10, system 59. The score includes parts for flutes (fl. 1, fl. 2), oboes (ob. 1, ob. 2), clarinets (cl. 1, cl. 2), bassoon (bn. 1, bn. 2), horn (hn. 1, hn. 2), trumpet (tr. 1, tr. 2), tuba (tn. 1, tn. 2, tn. 3, tba), piano (p. 1, p. 2, p. 3), keyboard (kbd), violin (v. 1, v. 2), viola (va.), cello (vc.), and bass (cb.). The score features complex rhythmic patterns with sixteenth-note figures and grace notes. Dynamic markings include *p*, *pp*, *ff*, *mf*, *mp*, and *loco*. Performance instructions like *(non legato)* and *(tne.3)* are also present.

A detailed musical score page, numbered 63, showing a complex arrangement for a large orchestra. The page is filled with multiple staves, each representing a different instrument or group of instruments. The instruments include flutes (fl. 1, fl. 2), oboes (ob. 1, ob. 2), clarinets (cl. 1, cl. 2), bassoon (bc.), bassoon (bn. 1, bn. 2), horns (hn. 1, hn. 2), trumpets (tr. 1, tr. 2), tubas (tn. 1, tn. 2, tn. 3), piano (p. 1, p. 2, p. 3), keyboard (kbd), violins (v. 1, v. 2), violas (va.), cellos (vc.), and double bass (cb.). The music consists of four measures. Measures 1-3 feature woodwind entries with dynamic markings such as *f*, *mp*, and *v*. Measure 4 begins with a piano entry followed by a bassoon section marked "muta in bass cl.". The score concludes with a dynamic marking of *p*.

67

fl.
fl.
ob.
ob.
cl.
cl.
bc.
bn.
bn.
hn.
hn.
tr.
tr.
tn.
tn.
tn.
tba.
p.
p.
p.
kbd.
v.
v.
va.
va.
vc.
cb.

13

70

fl.

fl.1

ob.1

ob.2

cl.1

cl.2

bcl

bn.1

bn.2

hn.

hn.1

tr.1

tr.2

tn.1

tn.2

tn.3

tba

p.

p.1

p.2

p.3

kbd

v.l

v.a

va

vo

ct

(tne.3)

A complex musical score page for orchestra and keyboard, page 74. The page features multiple staves with various instruments, including flutes, oboes, clarinets, bassoon, trumpet, tuba, piano, and strings. The music includes dynamic markings like ff, f, mf, pp, and p, as well as performance instructions such as "non legato" and "hon legato". The score is highly detailed with many measures of music.

A detailed musical score page for orchestra and keyboard. The top section features woodwind instruments (flutes, oboes, clarinets, bassoon) playing eighth-note patterns in 3/4 time, marked 'p. a p. accel.' and 'mp'. The middle section includes brass (trumpets, tubas) and strings (violas, cellos, double bass). The bottom section shows the keyboard (piano, organ) with complex chords and sustained notes. The page is numbered 78 at the top left and 15 at the top right.

16

82

fl. fl. 3 3 ff f

ob. ob. 3 3 ff 3 3 f

cl. cl. 3 3 ff 3 3 f

bc. ff 3 3 f

bn. bn. 3 3 f

hn. hn. 3

tr. tr. 1. mf cresc.

tn. tn. 3 ff

tn. tn. 3 ff

tn. tn. 3 ff

tba. ff

p. p. 3 f

p. p. 3 tom-tom B.D. ff 3 3 f

p. p. 3 f

kbd. 3 3 ff cresc. 3 3

v. v. tutti ff tutti solo f

v. v. tutti ff tutti solo f

v. v. tutti ff tutti solo f

v. v. ff mfp f

ch. ch. ff

A detailed musical score page for orchestra or band, numbered 92. The score includes parts for flutes (fl.1, fl.2), oboes (ob.1, ob.2), clarinets (cl.1, cl.2), bassoon (bn.1, bn.2), horns (hn.1, hn.2), trumpets (tr.1, tr.2), tuba (tba), piano (p.1, p.2, p.3), keyboard (kbd), violins (v.1, v.2), viola (va), cello (vc), and bass (ch). The music is set in common time at a tempo of 132 BPM. The notation includes various dynamics such as ff, molto dim., pp, and mp, along with performance instructions like "legato sempre", "rall...", "3", "6", "5", "6 dim.", "sul A", and "loco". The score shows complex rhythmic patterns, including sixteenth-note figures and sustained notes. The piano part features a prominent tubular bells sound.

97

fl. (sempre legato) fl. 2 ob. 1 ob. 2 cl. 1 *legato sempre* cl. 2 bc. bn. 1 bn. 2 hn. 1 hn. 2 tr. 1 tr. 2 tn. 1 tn. 2 tn. 3 tba. p. 1 p. 2 p. 3 kbd v. 1 v. 2 v. 3 v. 4 cb.

This page contains six staves of musical notation. The top staff features woodwind instruments (flute, oboe, clarinet) with dynamic markings like *p* and *ff*. The second staff includes bassoon and double bassoon parts. The third staff contains horn and trumpet parts. The fourth staff includes tuba and piano parts. The bottom staff features keyboard and string instrument parts (violin, viola, cello). The music is marked with various dynamics and performance instructions such as 'sempre legato' and 'legato sempre'.

101 ↘ = 84

A page from a musical score for orchestra. The page contains 12 staves, each representing a different instrument or section. From top to bottom, the instruments are: fl.1, fl.2, ob.1, ob.2, cl.1, cl.2, bc., bn.1, bn.2, hn.1, hn.3, tr.1, tr.2, tn.1, tn.2, tn.3, and tba. The music is divided into measures by vertical bar lines. Several staves feature sixteenth-note patterns with '3' over them, indicating a triplets grouping. Dynamic markings such as 'ff' (fortissimo) and 'ff' (fotissimo) are placed above certain staves. Articulation marks like short vertical dashes and horizontal dashes with dots are also present. The score is written on five-line staff paper.

=84

This image shows a single page of a musical score, specifically page 21, system 108. The score is written for a large orchestra or ensemble, featuring multiple staves for different instruments. The instruments include flutes (fl. 1, fl. 2), oboes (ob. 1, ob. 2), clarinets (cl. 1, cl. 2), bassoon (bcl.), bassoons (bn. 1, bn. 2), contrabassoon (contrabassoon), horns (hn. 1, hn. 2), trumpets (tr. 1, tr. 2), tubas (tn. 1, tn. 2, tn. 3), timpani (tba.), piano (p. 1, p. 2, p. 3), keyboard (kbd.), violins (v. 1, v. 2), violas (va.), cellos (vc.), and double bass (cb.). The music is set in common time, with a tempo of 132 BPM indicated at the beginning of the section. The score includes dynamic markings such as *p*, *ff*, *f*, *mf*, and *mp*. There are also specific markings like "6", "3", "5", and "ff". The instrumentation is varied, with some staves showing active note heads and others showing mostly rests. The overall complexity of the score suggests a piece of high difficulty or a major section of the work.

115

fl. 3 *p*

fl. 2 *p* *legato* 3 *f*

ob. 1

ob. 2

cl. 1 *f* 3 3 3 3 *f non legato* 3 *mp*

cl. 2

bcl. 3 *p* *f* 3 3 3 3

bn. 1 *f* 3 3 3 3

bn. 2

hn. 1 *f* 3 3 3 3 *dim.* 3 *p*

hn. 2

tr. 1 *mp* *f*

tr. 2 *f*

tn. 1

tn. 2

tn. 3 *f*

tba. 3 *f* *dim.* 3 *p*

p. 1

p. 2

p. 3

kbd

v. 1 *mp* *f* *non legato* *f* *mp*

v. 2

va.

vc. *f* 3 *dim.* 3 3 3 3 *p*

cb. *f* 3 *dim.* 3 3 3 3 *p*

120 =88

fl.
fl. 2
ob. 1
ob. 2
cl. 1
cl. 2
bc.
bn. 1
bn. 2
hn.
hn. 2
tr. 1
tr. 2
tn. 1
tn. 2
tn. 3
tba
p. 1
p. 2
p. 3
kbd
v. 1
v. 2
va.
vc.
cb.

(non legato)

legato

dim.

dim.

ff

ff

mp

f

mp

f

dim.

dim.

125 (*non legato*)

126 (♩ = 96)

fl. fl. 3 *mf* *p* *f*
ob. ob. 3 *f* *p*
cl. 1 cl. 2 *mp*
bc. *mf* *p* *f*
bn. 1 bn. 2 *mf* *p* *f* *3*
hn. 1 hn. 2 *mf* *p* *f* *3* *3*
tr. 1 tr. 2 *mf* *f* *p*
tn. 1 tn. 2 tn. 3 *mf* *p* *f*
tba. *3* *p* *mf* *p* *f* *3* *3*
p. 1 p. 2 p. 3
kbd.
v. 1 v. 2 v. 3 *non legato* *3* *3* *3* *mp* *p* *f* *3* *3* *3*
va. *p* *f*
vc. *ff* *ff* *mp* *f* *3* *3* *3*
cb.

25

130

fl.

fl. 2

ob. 1

ob. 2

cl. 1

cl. 2

bcl.

bn. 1

bn. 2

hn.

hn. 2

tr. 1

tr. 2

tn. 1

tn. 2

tn. 3

tba.

p. 1

p. 2

p. 3

kbd

v. 1

v. 2

va.

vo.

ct.

A page from a musical score, page 10, featuring a complex arrangement of instruments. The score includes parts for flutes (fl. 1, fl. 2), oboes (ob. 1, ob. 2), clarinets (cl. 1, cl. 2), bassoon (bcl.), bassoon (bn. 1, bn. 2), horns (hn. 1, hn. 2), trumpets (tr. 1, tr. 2), tubas (tn. 1, tn. 2, tn. 3), timpani (tba.), and three pianos (p. 1, p. 2, p. 3). The keyboard part (kbd) is also present. The music is in 3/4 time, with various dynamics such as *p*, *ff*, *mp*, *f*, and *legato*. Measure 134 is indicated at the top left. The score shows a variety of rhythmic patterns, including sixteenth-note figures and sustained notes. The piano parts feature sustained notes with dynamic markings like *ff* and *p*.

144

fl.
fl.2
ob.1
ob.3
cl.1
cl.2
bc.
bn.1
bn.2
hn.1
hn.2
tr.1
tr.2
tn.1
tn.2
tn.3
tba
p.1
p.2
p.3
kbd
v.l.
v.a.
va.
vc.
ct.

mf

mf

p

tubular bells

mp

mf

(*loco, non legato*)

loco (8va) *f sul A sul E* simile
f sul A D A D simile
f sul G simile
f sul A sul D A D A simile

30

156

fl.

fl.2

ob.1

ob.2

cl.1

cl.2

bc

bn.1

bn.2

bassoon

hn.1

hn.2

tr.1

tr.2

tn.1

tn.2

tn.3

tba

p.1

p.2

p.3

muta in timpani

p

p

kbd

v.1

v.2

va

vc

cb

162

fl. *mf*

fl. 2 *mf*

ob. 1

ob. 2

cl. 1

cl. 2

bc.

bn. 1

bn. 2

hn. 1

hn. 2

tr. 1

tr. 2

tn. 1

tn. 2

tn. 3

tba

p. 1

p. 2

p. 3

kbd *mf*

(*loco, non legato*)

rall...

v. 1 *f* (*come prima*)

v. 2 *f* (*come prima*)

va.

vc.

f (*come prima*)

ct. *sul G* *f* (*non legato*)

rall...

$\text{J}=22$ $\text{J}=88$

188

fl.1
fl.2
ob.1
ob.2
cl.1
cl.2
bc.
bn.1
bn.2
hn.1
hn.2
tr.1
tr.2
tn.1
tn.2
tn.3
tba
p.1
p.2
p.3
kbd
v.l
v.a
va
vc
ct

lamentoso ma concitato

1. solo

f

soli 1.+2.

p (2.: open string sempre)

p (2.: open string sempre)

soli 1.+2.

p (2.: open string sempre)

i. solo

p (2.: open string sempre)

ff

ff

ff

p *mf* *dim.*

193

A musical score page for orchestra and piano. The score is divided into two staves by a vertical bar line.

Top Staff (Measures 1-6):

- Measures 1-2: Flute 1 (fl. 1) and Flute 2 (fl. 2) play eighth-note patterns.
- Measures 3-4: Oboe 1 (ob. 1) and Oboe 2 (ob. 2) play eighth-note patterns.
- Measures 5-6: Clarinet 1 (cl. 1) and Clarinet 2 (cl. 2) play eighth-note patterns.

Bottom Staff (Measures 1-6):

- Measures 1-2: Bassoon 1 (bn. 1) and Bassoon 2 (bn. 2) play sustained notes.
- Measures 3-4: Trumpet (tr. 1) and Trombone 1 (tn. 1) play sustained notes.
- Measures 5-6: Trombone 2 (tn. 2) and Trombone 3 (tn. 3) play sustained notes.

Measures 7-12:

- Measures 7-8: Piano (p. 1), Piano (p. 2), and Piano (p. 3) play sustained notes.
- Measures 9-10: Keyboard (kbd) plays sustained notes.
- Measures 11-12: Violin 1 (v. 1), Violin 2 (v. 2), Cello (vc), and Double Bass (cb) play eighth-note patterns.

Dynamic and Performance Instructions:

- Measure 1: Dynamics include ff , ff , and ff .
- Measure 2: Dynamics include ff , ff , and ff .
- Measure 3: Dynamics include ff , ff , and ff .
- Measure 4: Dynamics include ff , ff , and ff .
- Measure 5: Dynamics include ff , ff , and ff .
- Measure 6: Dynamics include ff , ff , and ff .
- Measure 7: Dynamics include ff , ff , and ff .
- Measure 8: Dynamics include ff , ff , and ff .
- Measure 9: Dynamics include ff , ff , and ff .
- Measure 10: Dynamics include ff , ff , and ff .
- Measure 11: Dynamics include ff , ff , and ff .
- Measure 12: Dynamics include ff , ff , and ff .

198

A page from a musical score, page 198. The score is for a full orchestra and piano. The instrumentation includes:

- Woodwinds: Flute 1, Flute 2, Oboe 1, Oboe 2, Clarinet 1, Clarinet 2, Bassoon 1, Bassoon 2.
- Brass: Horn 1, Horn 2, Trumpet 1, Trumpet 2, Trombone 1, Trombone 2, Trombone 3.
- String Section: Violin 1, Violin 2, Cello.
- Piano: p.1, p.2, p.3.

The score consists of two systems of music. The first system starts with a rest for the woodwind section, followed by entries from the brass and strings. The second system begins with a dynamic marking 'f' over a measure of sixteenth-note patterns in the woodwinds and brass. The piano part is present throughout both systems. The score is written on multiple staves, with some staves grouped by braces. Performance instructions such as 'r3' (roll three) and 'l3' (legato three) are placed above specific notes or groups of notes in the woodwind and brass parts.

203

A musical score page featuring a 12-measure section. The score is organized into two systems of six measures each. The instrumentation includes woodwinds (flutes, oboes, clarinets), brass (trombones, tuba), strings (violin, viola, cello, double bass), and piano.

Measures 1-6: The woodwinds (flutes, oboes, clarinets) play eighth-note patterns. The first measure has dynamics *f* and *L3*. The second measure has dynamics *L3*. The third measure has dynamics *L3*. The fourth measure has dynamics *L3*. The fifth measure has dynamics *L3*. The sixth measure has dynamics *L3*.

Measures 7-12: The bassoon (bn.1, bn.2) plays sustained notes. The tuba (tba) and piano (p.1, p.2, p.3) provide harmonic support. The piano entries are marked with *L3*.

Measures 13-18: The brass (tr.1, tr.2, tn.1, tn.2, tn.3) and woodwinds (vln, vla, vcl, vcll) play eighth-note patterns. The piano (p.1, p.2, p.3) provides harmonic support. The piano entries are marked with *L3*.

208

fl.
fl.
ob.
ob.
cl.
cl.
bc.
bn.
bn.
hn.
hn.
tr.
tr.
tn.
tn.
tn.
tba.
p.
p.
p.
kbd
v.
v.
va.
vo.
cb.

213

A page from a musical score, numbered 40 at the top left and 213 at the top center. The score is for a large orchestra, featuring multiple staves for woodwind instruments (flute, oboe, clarinet), brass instruments (trombone, tuba), percussion (piano, keyboard), and strings (violin, viola, cello). The music is divided into measures by vertical bar lines. Dynamic markings include *ff*, *mf*, *f*, *ff*³, *mf*³, *pp*, and *ff*³. Performance instructions such as slurs, grace notes, and accents are also present. The strings section (violin, viola, cello) has a prominent role in the lower half of the page.

218

fl. 1 (gloss)
fl. 2 (gloss)
ob. 1 f
ob. 2 f ("gloss")
cl. 1
cl. 2
bc.
bn. 1
bn. 2
hn. 1
hn. 2
tr. 1 f ("gloss")
tr. 2 f ("gloss")
tn. 1
tn. 2
tn. 3
tba
p. 1
p. 2
p. 3
kbd
v. 1 tutti ff
v. 2 ff p ff pp
v. 3 tutti: p ff
v. 4 ff tutti ff
ct.

223

fl. 6 6 f pp
 fl. 6 6 f pp
 ob. 6 f pp
 ob. 6 f pp
 cl. 1 f pp
 cl. 2
 bc.
 bn. 1
 bn. 2
 hn. 1
 hn. 2
 tr. 1 3 f pp
 tr. 2 3 f pp
 tn. 1
 tn. 2
 tn. 3
 tba
 p. 1
 p. 2 ff
 p. 3
 kbd (12.) f pp
 v. 1 f 6 6 6 f pp
 v. 2 3 6 6 f pp
 va. 3 3 3 3 f pp
 vc.
 cb.

1.2. soli tutti
 f pp f

227

fl.
fl.
ob.1
ob.3
cl.1
cl.2
bc.
bn.1
bn.2
hn.1
hn.2
tr.1
tr.2
tn.1
tn.2
tn.3
tba
p.1
p.2
p.3
kbd
v.1
v.2
va.
vc.
cb.

ff *pp*

mf 3 *ff*

mf 3 *ff*

mf 3 *ff*

mf 3 *ff*

ff 3 *f*

ff

3

ff 3

pp

f

pp

tutti

f

pp

Flute 1

Flute 2

Oboe 1

Oboe 2

Clarinet 1

Clarinet 2

Bassoon

Bassoon 2

Horn 1

Horn 2

Trombone 1

Trombone 2

Trombone 3

Tuba

Percussion 1

Percussion 2

Percussion 3

Keyboard

Violin 1

Violin 2

Viola

Cello

Bass

239

A musical score page featuring a grid of staves for various instruments. The top section (measures 239) includes parts for flutes (fl. 1, fl. 2), oboes (ob. 1, ob. 2), clarinets (cl. 1, cl. 2), bassoon (bn. 1, bn. 2), trumpet (tr. 1, tr. 2), tuba (tn. 1, tn. 2, tn. 3), piano (p. 1, p. 2, p. 3), keyboard (kbd), and strings (v. 1, v. 2, v. 3, v. cello). The bottom section (measures 240) includes parts for violins (v. 1, v. 2), viola (v. 3), and cello (v. cello). The score uses a mix of standard musical notation and performance instructions such as dynamic markings (ff, p, pp, mf), tempo markings (3), and specific performance techniques indicated by arrows and numbers.

244

fl. 6 6 f pp f f ff pp ff p
ob. 6 6 ff pp ff p
cl. 1 pp ff pp ff pp ff ff
cl. 2 pp ff pp ff pp ff
bc. 8
bn. 1
bn. 2
hn. 1
hn. 2
tr. 1 3 mp f
tr. 2 3 f pp f
tn. 1
tn. 2
tn. 3
tba.
p. 1
p. 2 ff
p. 3
kbd. f pp (13.)
v. 1 f 6 6 6 ff pp pp f
v. 2 6 6
va.
vc.
cb.

1.-2. soli
tutti div.

248

fl.
fl.
ob.
ob.
cl.
cl.
bc.
bn.
hn.
hn.
tr.
tr.
tn.
tn.
tn.
tba
p.
p.
p.
kbd
v.
v.
va
vc
cb

The musical score for page 248 consists of ten staves of music. The top section (measures 1-4) features woodwind and brass instruments: flutes, oboes, clarinets, bassoon, and tuba. The middle section (measures 5-8) features woodwind instruments: bassoon, tuba, and woodwinds. The bottom section (measures 9-12) features brass and strings: trumpet, tuba, and strings. The piano part (measures 1-4) has a rhythmic pattern of eighth notes. Dynamics include *ff*, *f*, *pp*, and *mf*. Performance instructions include '3' and 'ff'.

254

fl. 8
fl. 2
ob. 1 ff > pp
ob. 3 ff > pp
cl. 1
cl. 2 3 3 pp 3
bc. 8
bn. 1
bn. 2
hn. 1
hn. 2
tr. 1 >
tr. 2 >
tn. 1
tn. 2
tn. 3
tba
p. 1
p. 2
p. 3
kbd
v. l p ff > p ff > p
v. 2 ff > p ff > ff
va ff > ff
vc
cb.

259

A detailed musical score page showing a complex arrangement of instruments. The page is organized into measures by vertical bar lines. The instruments listed on the left are: fl.1, fl.2, ob.1, ob.2, cl.1, cl.2, bcl, bn.1, bn.2, hn.1, hn.2, tr.1, tr.2, tn.1, tn.2, tn.3, tba, p.1, p.2, p.3, kbd, v.1, v.2, va, vc, and cb. The score includes numerous dynamic markings such as ff, p, pp, mf, and mp. Performance instructions like "gliss" and "3" are also present. The notation is dense, with many notes and rests on each staff.

Musical score page 51, system 267. The score is for a large orchestra and includes parts for flutes (fl. 1, fl. 2), oboes (ob. 1, ob. 2), clarinets (cl. 1, cl. 2), bassoon (bcl.), bassoon (bn. 1, bn. 2), horn (hn. 1, hn. 2), trumpet (tr. 1, tr. 2), tuba (tn. 1, tn. 2, tn. 3), tuba (tba), piano (p. 1, p. 2, p. 3), keyboard (kbd), violin (v. 1, v. 2), viola (va.), cello (vc.), and double bass (cb.). The music features dynamic markings such as *mf*, *p*, *ff*, and *f*, with performance instructions like "3" and "gliss". The score shows a complex arrangement of notes and rests across the staves.

52

271

fl.

fl. 2

ob. 1

ob. 2

cl. 1

cl. 2

bcl.

bn. 1

bn. 2

hn. 1

hn. 2

tr. 1

tr. 2

tn. 1

tn. 2

tn. 3

tba

p. 1

p. 2

p. 3

kbd

v. 1

v. 2

va.

vc.

cb.

Musical score page 274, featuring a complex arrangement for orchestra and keyboard. The score includes parts for flutes (fl. 1, fl. 2), oboes (ob. 1, ob. 2), clarinets (cl. 1, cl. 2), bassoon (bc.), bassoons (bn. 1, bn. 2), horns (hn. 1, hn. 2), trumpets (tr. 1, tr. 2), tubas (tn. 1, tn. 2, tn. 3), tuba (tba), piano (p. 1, p. 2, p. 3), keyboard (kbd), violins (v. 1, v. 2), violins (v. 3, v. 4), and cello (ct.). The music consists of four measures. Measure 1: Flutes play eighth-note patterns. Oboes play sixteenth-note patterns. Clarinets play eighth-note patterns. Bassoon (bc.) plays eighth-note patterns. Bassoons (bn. 1, bn. 2) play eighth-note patterns. Horns (hn. 1, hn. 2) play eighth-note patterns. Trumpets (tr. 1, tr. 2) play eighth-note patterns. Tuba (tba) plays eighth-note patterns. Measures 2-3: Key changes are indicated by "9" over E. Measures 4-5: Key changes are indicated by "9" over E. Measures 6-7: Key changes are indicated by "9" over E. Measures 8-9: Key changes are indicated by "9" over E.