

die himmelsmechanik

orchestra

eva-maria houben

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celestial mechanics

orchester

orchestra

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2012

„das orgelspiel des himmels“ (tschuang tse)

Für Man Won Kim, Roland Pröll und die koreanischen Freunde –
und für Morton Feldman (in Erinnerung an „Palais de Mari“)

2 flutes

1 oboe

1 cor anglais

2 clarinets in B flat

2 bassoons

2 horns in F

2 trumpets in B flat

2 trombones

timpani

percussion (marimba, glockenspiel, drum, claves)

violin I

violin II

viola I

viola II

violoncello I

violoncello II

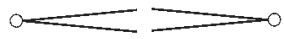
double bass

I:

in quiet motion.

floating softly and tenderly.

all sounds – if procurable – „dal niente“ and „al niente“:



II:

the entries in the given measure.

the sounds fade away freely (open end):



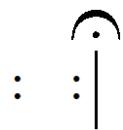
for all sounds: “laissez vibrer”.

each sound (except of the percussion-sounds) one quiet breath,
one quiet bow.

♪ : a short stop when the last sound has died away.

III:

a tempo (in quiet motion) as I, but perhaps even somewhat
calmer.



: : | : repeat several times.

I

A musical score page featuring 15 staves. From top to bottom, the instruments are: flute 1,2; oboe cor anglais F; clarinet 1,2 B; bassoon 1,2; horn 1,2; trumpet 1,2 B; trombone 1,2; timpani; percussion (with claves); violin I; violin II; viola I; viola II; cello I; cello II; and double bass. The score includes various musical markings such as dashes, vertical strokes, and open circles connected by arcs.

percussion

violin I

violin II

viola I,II

cello I

cello II

double bass

percussion

claves

drum

violin I, II

viola I

viola II

cello I

cello II

double bass

flute 1
 flute 2
 clarinet 1
 clarinet 2
 horn 1
 horn 2
 trombone 1
 trombone 2



flute 1
 flute 2
 oboe
 cor anglais
 horn 1
 horn 2
 trombone 1
 trombone 2

flute 1,2
 oboe cor anglais
 clarinet 1,2
 bassoon 1,2

bassoon 1
 bassoon 2
 trumpet 1
 trumpet 2
 percussion
 claves

violin I
 violin II
 viola I
 viola II
 cello I
 cello II
 double bass

flute 1,2

oboe

cor anglais

clarinet 1,2

bassoon 1,2

horn 1,2

trumpet 1,2

trombone 1,2

percussion
claves

violin I

violin II

viola I

viola II

cello I

cello II

double bass

con sord.

oboe
 cor anglais
 percussion
 claves
 violin I
 violin II
 viola I
 viola II
 cello I
 cello II
 double bass



clarinet 1
 clarinet 2
 horn 1
 horn 2

attaca

II

Musical score for orchestra and glockenspiel, page 7, section II. The score consists of 15 staves. The instruments listed from top to bottom are: flute 1, flute 2, clarinet 1, clarinet 2, bassoon 1, bassoon 2, percussion, glockenspiel, violin I, violin II, viola I, viola II, cello I, cello II, and double bass. The glockenspiel staff is labeled "glockenspiel". The score features various musical markings such as sharp signs, grace notes, and dynamic markings like "8". The double bass staff includes a bass clef and a "C" symbol.

A musical score page showing a section for an orchestra and a marimba. The score is organized into two main sections: woodwind/percussion and strings. The woodwind/percussion section includes parts for flute 1, flute 2, oboe, cor anglais, clarinet 1, clarinet 2, and percussion. The strings section includes parts for violin I, violin II, viola I, viola II, cello I, cello II, and double bass. The marimba part is highlighted with a bracket and labeled "marimba". The music consists of several measures of sustained notes with grace marks, followed by a measure where some instruments play eighth-note patterns.

flute 1

flute 2

oboe

cor anglais

clarinet 1

clarinet 2

percussion

marimba

violin I

violin II

viola I

viola II

cello I

cello II

double bass

A musical score page featuring eleven staves. From top to bottom, the instruments are:

- horn 1
- horn 2
- trombone 1
- trombone 2
- percussion
- glockenspiel*
- violin I
- violin II
- viola I
- viola II
- cello I
- cello II
- double bass

The score consists of two measures. In the first measure, horns 1 and 2 play sustained notes with grace marks. Trombones 1 and 2 play sustained notes with grace marks. The percussion and glockenspiel play sustained notes with grace marks. In the second measure, violins I and II play sustained notes with grace marks. Violas I and II play sustained notes with grace marks. Cellos I and II play sustained notes with grace marks. The double bass plays sustained notes with grace marks.

A musical score page featuring nine staves. From top to bottom, the instruments are: oboe, cor anglais, clarinet 1, clarinet 2, percussion (represented by a single vertical bar), marimba, violin I, violin II, and viola I,II. Double bass is at the bottom, sharing the same staff as viola I,II. The marimba staff has a label "marimba" above it. The double bass staff has a clef change to bass clef. Various musical markings are present, including grace notes, slurs, and dynamic markings like \circ , $\#$, and \flat .

Musical score page 11 featuring 15 staves for various instruments:

- flute 1
- flute 2
- clarinet 1
- clarinet 2
- horn 1
- horn 2
- trumpet 1
- trumpet 2
- percussion
- glockenspiel
- viola I
- viola II
- cello I
- cello II
- double bass

The score includes dynamic markings such as $\#$, con sord. , and sustained notes with fermatas.

Musical score page 12 featuring ten staves:

- flute 1**: Stave 1, treble clef, mostly rests.
- flute 2**: Stave 2, treble clef, mostly rests.
- oboe**: Stave 3, treble clef, two eighth-note grace notes followed by a sustained note.
- cor anglais**: Stave 4, treble clef, one eighth-note grace note followed by a sustained note.
- clarinet 1**: Stave 5, treble clef, one eighth-note grace note followed by a sustained note.
- clarinet 2**: Stave 6, treble clef, one eighth-note grace note followed by a sustained note.
- percussion**: Stave 7, mostly rests.
- marimba**: Stave 8, bass clef, dynamic $\frac{8}{8}$, sustained notes.
- violin I**: Stave 9, treble clef, three eighth-note grace notes followed by a sustained note.
- violin II**: Stave 10, treble clef, three eighth-note grace notes followed by a sustained note.

A musical score for orchestra and percussion. The score consists of 18 staves, each representing a different instrument or group of instruments. The instruments listed on the left are: flute 1, flute 2, oboe, cor anglais, clarinet 1, clarinet 2, bassoon 1,2, horn 1, horn 2, trumpet 1, trumpet 2, trombone 1, trombone 2, percussion, cello I, cello II, and double bass. The score shows various musical notes and rests across the staves, with some specific instructions like "con sord." for trumpet 1 and "glockenspiel" for percussion.

flute 1

flute 2

oboe

cor anglais

clarinet 1

clarinet 2

bassoon 1,2

horn 1

horn 2

trumpet 1

trumpet 2

trombone 1

trombone 2

percussion

cello I

cello II

double bass

con sord.

glockenspiel

Musical score page 14 featuring 14 staves for various instruments:

- flute 1
- oboe
- clarinet 1,2
- bassoon 1,2
- horn 1,2
- trumpet 1
- trombone 1,2
- percussion
- marimba
- violin I
- violin II
- viola I
- viola II
- cello I
- cello II

The score consists of 14 staves, each with a clef (G or F) and a key signature. The instruments are grouped into two sections: woodwind/horn section and string section. The woodwind/horn section includes flute 1, oboe, clarinet 1,2, bassoon 1,2, horn 1,2, trumpet 1, and trombone 1,2. The string section includes violin I, violin II, viola I, viola II, cello I, and cello II. The percussion and marimba staves are grouped together. The score shows various musical markings such as dashes, open circles, and curved lines.

III

a tempo

timpani

 double bass

flute 1
 flute 2
 oboe
 cor anglais
 clarinet 1
 clarinet 2
 percussion
 claves
 violin I, II
 viola I
 viola II
 cello I
 cello II
 double bass



very softly

clarinet 1
 clarinet 2
 bassoon 1
 bassoon 2

A musical score for four woodwind instruments: clarinet 1, clarinet 2, bassoon 1, and bassoon 2. The score consists of four staves. Clarinet 1 has a treble clef and a sharp sign. Clarinet 2 has a treble clef and a flat sign. Bassoon 1 has a bass clef and a flat sign. Bassoon 2 has a bass clef and a sharp sign. The music includes various notes and rests, with some notes having stems pointing up and others down.

≡

timpani
 violin I
 violin II
 viola I
 viola II
 cello I
 cello II
 double bass

very softly

A musical score for various string instruments and timpani. The instruments listed are timpani, violin I, violin II, viola I, viola II, cello I, cello II, and double bass. The score includes dynamic markings such as "very softly" above the timpani staff and "div." (divisi) above the violin II and cello I staves. Articulation marks like dots and dashes are placed above and below the notes. The double bass staff ends with a bracketed "(o)" indicating a grace note or a specific performance technique.

A musical score for an orchestra and percussion. The score consists of 16 staves, each representing a different instrument or group of instruments. The instruments listed on the left are: flute 1, flute 2, oboe, cor anglais, clarinet 1, clarinet 2, bassoon 1, bassoon 2, horn 1, horn 2, trumpet 1, trumpet 2, trombone 1, trombone 2, and percussion. The percussion staff includes a set of claves. The music is written in common time with a key signature of one sharp. The notes are represented by vertical dashes, and some notes have a small circle with a sharp sign (F#) placed above them. The score shows a sequence of notes starting from measure 1, with the first note of each staff being a dash with a sharp sign above it, followed by a series of dashes without sharps.

A musical score page featuring 15 staves for various instruments. The instruments are: flute 1, flute 2, oboe, cor anglais, clarinet 1, clarinet 2, bassoon 1, bassoon 2, horn 1, horn 2, trumpet 1, trumpet 2, trombone 1, trombone 2, and percussion. The percussion staff includes a claves part, indicated by a clef and a symbol. The music consists of a series of notes and rests, primarily quarter notes and half notes, with some eighth notes and sixteenth notes. The notes are mostly sharp, indicated by a sharp sign (♯) before the note head. The claves part has a unique rhythm pattern involving eighth and sixteenth notes.

flute 1

flute 2

oboe

cor anglais

clarinet 1

clarinet 2

bassoon 1

bassoon 2

horn 1

horn 2

trumpet 1

trumpet 2

trombone 1

trombone 2

#

o

con sord.

Musical score for orchestra, page 20. The score shows 15 staves for various instruments:

- flute 1
- flute 2
- oboe
- cor anglais
- clarinet 1
- clarinet 2
- bassoon 1
- bassoon 2
- horn 1
- horn 2
- trumpet 1
- trumpet 2
- trombone 1
- trombone 2

The music consists of two measures followed by a repeat sign, then two more measures. The instruments play eighth-note patterns primarily consisting of sharp (F#) and open (O) notes.