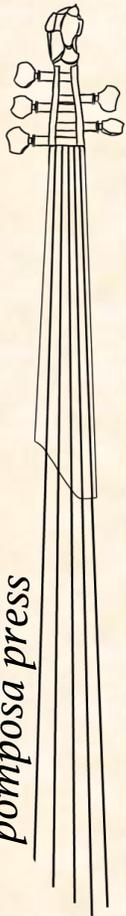


RUDOLF HAKEN

QUINQUAGENARIUM

**Fanfare for Haken Continuum
and Orchestra in celebration of the
50th anniversary of the
Champaign-Urbana Symphony**



pomposa press

SCORE

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KRANNERT CENTER FOR THE PERFORMING ARTS
STEVE LARSEN, CONDUCTOR
MARK SMART, HAKEN CONTINUUM

Quinquagenarium is a fanfare commemorating the birth of the Champaign-Urbana Symphony Orchestra fifty years ago. Featured in this work is the Continuum Fingerboard, an electronic musical instrument invented by my brother Lippold Haken, and played by Mark Smart.

The work begins with a Continuum improvisation on a crying infant sound, representing the birth of the orchestra. After several further improvisations, the Continuum plays the words “Happy Birthday CUSO” to the tune of the Altgeld Hall chimes, indicating that the chimes are sending the newborn orchestra their best wishes from across the Quad. (The voice used as a sample for “Happy Birthday CUSO” is that of my sister Armgard, a violinist in the orchestra whose birthday is February 19th. I would also like to thank Armgard for coming up with the title “Quinquagenarium”.)

The infant orchestra then begins preparing for its inaugural concert of October 20th 1960, with the Continuum slowly practicing a theme from Beethoven’s Emperor Concerto.

After a lengthy celebratory orchestral tutti, the Continuum returns with its rendition of “Happy Birthday CUSO”. This is interrupted by a jazz clarinet solo - an indirect tribute to the first conductor of the CUSO, Bernie Goodman, whose name was occasionally confused with that of Benny Goodman.

An anvil strike ends the work, symbolizing the end of the Eisenhower era, which occurred during the CUSO’s first season. (Eisenhauer is the German word for “iron worker”.)

Instrumentation

Continuum fingerboard (www.hakenaudio.com)

piccolo

flute

2 oboes

2 clarinets in b-flat

bassoon

contrabassoon

2 horns

2 trumpets in c

trombone

bass trombone

tuba

four tomtoms

drum set (snare/susp cymbal/HiHat/kick drum/break drum)

harp

violin 1

violin 2

viola

cello

bass

Allegro (♩=120)

continuum improv. a tempo

continuum improv. a tempo

continuum improv.

Musical score for woodwinds and brass instruments. The score is divided into five measures. The first measure is marked *mf cresc.* and features a triplet of eighth notes. The second measure is marked *ff*. The third measure is marked *ff*. The fourth measure is marked *ff*. The fifth measure is marked *pp*. The instruments included are Piccolo, Flute, Oboe I, Oboe II, Clarinet 1 B♭, Clarinet 2 B♭, Bassoon, Contrabass, Horn 1 F, Horn 2 F, Trumpet 1 C, Trumpet 2 C, Trombone, Bass Trombone, and Tuba. The key signature has one sharp (F#) and the time signature is common time (C).

Allegro (♩=120)

continuum improv. a tempo

continuum improv. a tempo

continuum improv.

Musical score for percussion instruments. The score is divided into five measures. The first measure is marked *mf cresc.* and features a triplet of eighth notes. The second measure is marked *ff*. The third measure is marked *fff* and features a triplet of eighth notes. The fourth measure is marked *fff* and features a triplet of eighth notes. The fifth measure is marked *mf*. The instruments included are Tomtoms, Suspended Cymbal, Snare, Kick Drum, and Continuum. The key signature has one sharp (F#) and the time signature is common time (C).

Allegro (♩=120)

continuum improv. a tempo

continuum improv. a tempo

continuum improv. pp

Musical score for string instruments. The score is divided into five measures. The first measure is marked *mf cresc.* and features a triplet of eighth notes. The second measure is marked *ff*. The third measure is marked *ff*. The fourth measure is marked *ff*. The fifth measure is marked *pp*. The instruments included are Violin I, Violin II, Viola, Cello, and Bass. The key signature has one sharp (F#) and the time signature is common time (C).

8 Moderato (♩=104)

Piccolo *p dolce* *ppp*

Flute *p dolce* *ppp*

Oboe I

Oboe II

Clarinet 1 B♭

Clarinet 2 B♭

Bassoon

Contrabsn

Horn 1 F

Horn 2 F

Trumpet 1 C

Trumpet 2 C

Trombone

Bass Trmbn

Tuba

Moderato (♩=104)

Toms

Susp. Cymbal *p* *mf* *p* *let ring*

Snare

Kick Drum

Continuum

Harp *mf dolce* *let ring* *mf*

Violin I *ppp*

Violin II *ppp*

Viola *ppp*

Cello *ppp*

Bass *ppp*

gza *mf* Hap - py Birth - day

Moderato (♩=104)

Piccolo *p dolce* *ppp*
 Flute *p dolce* *ppp*
 Oboe I
 Oboe II
 Clarinet 1 B♭
 Clarinet 2 B♭
 Bassoon
 Contrabsn
 Horn 1 F
 Horn 2 F
 Trumpet I C
 Trumpet II C
 Trombone
 Bass Trmbn
 Tuba
 Tomtoms
 Susp.Cymbal
 Snare
 Kick Drum
 Continuum *guz* C U S O
 Harp *let ring*
 Violin I *mf vib.* *pizz.*
 Violin II *mf vib.* *pizz.*
 Viola *mf* *vib.*
 Cello *mf cantabile*
 Bass *mf cantabile*

Piccolo *mp*
 Flute *mp*
 Oboe I
 Oboe II
 Clarinet 1 B \flat
 Clarinet 2 B \flat
 Bassoon *pp*
 Contrabsn *pp*
 Horn 1 F *con sordino*
 Horn 2 F *con sordino*
 Trumpet 1 C *con sordino*
 Trumpet 2 C *con sordino*
 Trombone *con sordino*
 Bass Trbn *mp*
 Tuba *mp*
 Tomtoms
 Susp. Cymbal *pp* *mp*
 Snare *mp*
 Kick Drum *mp*
 Continuum
 Harp *mf*
 Violin I
 Violin II
 Viola
 Cello *pp*
 Bass *con sordino* *pp*

Piccolo *mf* *mp* *mf* *mp*

Flute *mf* *mp* *mf* *mp*

Oboe I *mp* *mf* *mp* *mf*

Oboe II *mp* *mf* *mp* *mf*

Clarinet 1 B♭ *mp* *mf* *mp* *mf*

Clarinet 2 B♭ *mp* *mf* *mp* *mf*

Bassoon

Contrabsn

Horn 1 F

Horn 2 F *mp*

Trumpet 1 C

Trumpet 2 C *mp*

Trombone *mp*

Bass Trmbn

Tuba

Tomtoms

Susp.Cymbal *pp* *mp* *pp* *mp*

Snare

Kick Drum

Continuum *mf*

Harp

Violin I

Violin II

Viola

Cello

Bass

Piccolo *mf* *mp* *mf* *mp*
 Flute *mf* *mp* *mf* *mp*
 Oboe I *mp* *mf* *mp* *mf*
 Oboe II *mp* *mf* *mp* *mf* *mp*
 Clarinet 1 B \flat *mp* *mf* *mp* *mf* *mp*
 Clarinet 2 B \flat *mp* *mf* *mp* *mf* *mp*
 Bassoon *mp* *mf* *mp* *mf* *mp*
 Contrabsn *mp* *mf* *mp* *mf* *mp*
 Horn 1 F *mp* *mp* *mp* *mp*
 Horn 2 F *mp* *mp* *mp* *mp*
 Trumpet I C *mp* *mp* *mp* *mp*
 Trumpet II C *mp* *mp* *mp* *mp*
 Trombone *mp* *mp* *mp* *mp*
 Bass Trmbn *mp* *mp* *mp* *mp*
 Tuba *mp* *mp* *mp* *mp*
 Tomtoms
 Susp.Cymbal *pp* *mp* *pp* *mp* *pp*
 Snare *pp* *mp* *pp* *mp* *pp*
 Kick Drum
 Continuum *tr*
 Harp
 Violin I
 Violin II
 Viola
 Cello
 Bass

tempo ad lib.

Piccolo *mf* *mp* *mf* *mp*

Flute *mf* *mp* *mf* *mp*

Oboe I *mp* *mf* *mp* *mf*

Oboe II *mf* *mp* *mf* *p*

Clarinet 1 B \flat *mf* *mp* *mf* *p*

Clarinet 2 B \flat *mf* *mp* *mf* *p*

Bassoon

Contrabsn

Horn 1 F *mp*

Horn 2 F *senza sordino*

Trumpet I C *mp* *senza sordino*

Trumpet II C *mp* *senza sordino*

Trombone *mp* *senza sordino*

Bass Trmbn *senza sordino*

Tuba *cantabile*

Tomtoms

Susp.Cymbal *mp* *pp* *mp*

Snare

Kick Drum

Continuum *mp*

Harp *let ring*

Violin I

Violin II

Viola

Cello

Bass *cantabile*

tempo ad lib.

Vivace (♩=132)

Piccolo *fff*

Flute *ff*

Oboe I *p*

Oboe II *p*

Clarinet 1 B♭ *mf energico* *fff*

Clarinet 2 B♭ *mp energico* *ff*

Bassoon *mp energico* *ff*

Contrabsn *p energico*

Horn 1 F *p energico* *p*

Horn 2 F *p*

Trumpet I C *p energico* *p*

Trumpet II C *p energico* *p*

Trombone *p energico* *p*

Bass Trmbn *p energico*

Tuba *p energico*

Vivace (♩=132)

Tomtoms *f energico* *mf*

HiHat

Snare *p*

Kick Drum *p energico*

Continuum *improv. glisses*

Hap - py Birth - day C U S O Hap

Harp *p energico*

Violin I *arco* *mf energico* *pp*

Violin II *arco* *mp energico* *pp*

Viola *mp energico* *pp*

Cello *p*

Bass *senza sordino* *p* *p energico*

Vivace (♩=132)

Piccolo
 Flute
 Oboe I
 Oboe II
 Clarinet 1 B \flat
 Clarinet 2 B \flat
 Bassoon
 Contrabsn
 Horn 1 F
 Horn 2 F
 Trumpet 1 C
 Trumpet 2 C
 Trombone
 Bass Trmbn
 Tuba
 Tomtoms
 HiHat
 Snare
 Kick Drum
 Continuum
 Harp
 Violin I
 Violin II
 Viola
 Cello
 Bass

f *mf* *fpp* *p* *fff* *giocoso* *trombone solo*

py Birth - day C U S O

Piccolo

Flute

Oboe I

Oboe II

Clarinet 1 Bb

Clarinet 2 Bb

Bassoon

Contrabsn

Horn 1 F

Horn 2 F

Trumpet 1 C

Trumpet 2 C

Trombone

Bass Trmbn

Tuba

Tomtoms

HiHat

Snare

Kick Drum

Continuum

Harp

Violin I

Violin II

Viola

Cello

Bass

mp

f

mf

p

fff

mp cantabile

p sub.

>

Piccolo

Flute

Oboe I

Oboe II

Clarinet 1 Bb

Clarinet 2 Bb

Bassoon

Contrabsn

Horn 1 F

Horn 2 F

Trumpet 1 C

Trumpet 2 C

Trombone

Bass Trmbn

Tuba

Tomtoms

HiHat

Snare

Kick Drum

Continuum

Harp

Violin I

Violin II

Viola

Cello

Bass

fff

sostenuto

marcato

mf

tr

tr-b

sempre fff

1

0

Piccolo

Flute

Oboe I

Oboe II

Clarinet 1 Bb

Clarinet 2 Bb

Bassoon

Contrabsn

Horn 1 F

Horn 2 F

Trumpet 1 C

Trumpet 2 C

Trombone

Bass Trmbn

Tuba

Tomtoms

HiHat

Snare

Kick Drum

Continuum

Harp

Violin I

Violin II

Viola

Cello

Bass

Piccolo

Flute

Oboe I

Oboe II

Clarinet 1 B \flat

Clarinet 2 B \flat

Bassoon

Contrabsn

Horn 1 F

Horn 2 F

Trumpet 1 C

Trumpet 2 C

Trombone

Bass Trmbn

Tuba

Tomtoms

HiHat

Snare

Kick Drum

Continuum

Harp

Violin I

Violin II

Viola

Cello

Bass

allarg. e molto dim.

Piccolo *tr.* *ff* *tr.* *tr.*

Flute *ff* *tr.* *tr.*

Oboe I *ff* *tr.* *tr.*

Oboe II *tr.* *tr.* *tr.*

Clarinet 1 B♭ *allarg. e molto dim.* *tr.* *tr.*

Clarinet 2 B♭ *mf* *tr.* *tr.*

Bassoon *mf* *tr.* *tr.*

Contrabasn

allarg. e molto dim.

Horn 1 F *f* *f p sub.*

Horn 2 F *f* *f p sub.*

Trumpet I C *ff*

Trumpet II C *ff*

Trombone *f p sub.*

Bass Trmbn *f* *f p sub.*

Tuba *f p sub.*

allarg. e molto dim.

allarg. e molto dim.

Tomtoms *f p sub.*

HiHat *ff* *mp*

Snare *f*

Kick Drum *mp*

allarg. e molto dim.

allarg. e molto dim.

Continuum

Harp

Violin I

Violin II

Viola **allarg. e molto dim.**

Cello

Bass

allarg. e molto dim.

allarg. e molto dim.

Moderato (♩=104)

Piccolo

Flute

Oboe I

Oboe II

Clarinet 1 B♭

Clarinet 2 B♭

Bassoon

Contrabsn

Horn 1 F

Horn 2 F

Trumpet I C

Trumpet II C

Trombone

Bass Trmbn

Tuba

Moderato (♩=104)

Tomtoms

HiHat

Snare

Kick Drum

Continuum

Harp

Violin I

Violin II

Viola

Cello

Bass

Moderato (♩=104)

The musical score for page 179 is arranged in a standard orchestral layout. The instruments are listed on the left side of the page, with their corresponding staves. The score includes dynamic markings such as *mp*, *mf*, *ppp*, and *pp*. The Continuum part includes the words "Hap", "py", and "birth" under the notes. The Harp part is written in two staves. The string section (Violin I, Violin II, Viola, Cello, Bass) is at the bottom of the score.

allarg.

Vivace giocoso (♩=138)

Piccolo *mf* *mp* *mf* *pp*

Flute *mf* *mp* *mf* *pp*

Oboe I

Oboe II

Clarinet 1 B♭

Clarinet 2 B♭

Bassoon

Contrabsn

Horn 1 F

Horn 2 F

Trumpet I C

Trumpet II C

Trombone

Bass Trmbn

Tuba

allarg.

Vivace giocoso (♩=138)

Tomtoms

HiHat *ppp* *pp* *ppp* *pp* *ppp*

Snare

Kick Drum

Continuum

day

Harp

allarg.

Vivace giocoso (♩=138)

Violin I *arco* *mf* *non div.* *V*

Violin II *arco* *mf* *non div.*

Viola *senza sordino* *mf*

Cello *senza sordino* *mf*

Bass *molto legato* *mf*

Piccolo

Flute

Oboe I

Oboe II

Clarinet 1 B♭

Clarinet 2 B♭

Bassoon

Contrabsn

Horn 1 F

Horn 2 F

Trumpet 1 C

Trumpet 2 C

Trombone

Bass Trmbn

Tuba

Tomtoms

HiHat

Snare

Kick Drum

Continuum

Harp

Violin I

Violin II

Viola

Cello

Bass

Andante (♩=84)

Piccolo

Flute

Oboe I

Oboe II

Clarinet 1 B♭

Clarinet 2 B♭

Bassoon

Contrabsn

Horn 1 F

Horn 2 F

Trumpet I C

Trumpet II C

Trombone

Bass Trmbn

Tuba

Andante (♩=84)

Tomtoms

HiHat

Snare

Kick Drum

Continuum

Harp

Violin I

Violin II

Viola

Cello

Bass

Andante (♩=84)

Piccolo

Flute

Oboe I

Oboe II

Clarinet 1 B♭

Clarinet 2 B♭

Bassoon

Contrabsn

Horn 1 F

Horn 2 F

Trumpet I C

Trumpet II C

Trombone

Bass Trmbn

Tuba

Tomtoms

HiHat

Snare

Kick Drum

Continuum

Harp

Violin I

Violin II

Viola

Cello

Bass

240 **Presto agitato** (♩=160)

Piccolo
Flute
Oboe I
Oboe II
Clarinet 1 B♭ *ff Benny Goodman style*
Clarinet 2 B♭ *ff Benny Goodman style*
Bassoon *mf*
Contrabsn *mf*
Horn 1 F *p*
Horn 2 F *f*
Trumpet I C *p*
Trumpet II C *p*
Trombone *p*
Bass Trmbn *f*
Tuba *f*

Presto agitato (♩=160)

Tomtoms
HiHat *mf* *HiHat gradually more open*
Snare *mf*
Kick Drum *f*
Continuum
Harp
Violin I *pizz.*
Violin II *pizz.*
Viola *mf*
Cello *pizz.*
Bass *mf*

Presto agitato (♩=160)

251 Andante (♩=84)

harp cadenza - tempo ad lib

Musical score for woodwinds and brass instruments. The instruments listed are Piccolo, Flute, Oboe I, Oboe II, Clarinet 1 B♭, Clarinet 2 B♭, Bassoon, Contrabass, Horn 1 F, Horn 2 F, Trumpet 1 C, Trumpet 2 C, Trombone, Bass Trombone, and Tuba. The Clarinet 2 B♭ part features a melodic line starting with a *mp* dynamic and moving to *ppp*. The other instruments are mostly silent or have rests.

Andante (♩=84)

harp cadenza - tempo ad lib

Musical score for percussion instruments. The instruments listed are Tomtoms, Brake Drum, Snare, and Kick Drum. All instruments are shown with rests throughout this section.

Musical score for Continuum. The part features a series of sustained chords with a *mf* dynamic and a *ppp* dynamic. A finger number '0' is indicated for the right hand.

Musical score for Harp. The part features a complex melodic and arpeggiated line with a *mf* dynamic. A box containing 'F#4' is present. The section is titled **harp cadenza - tempo ad lib**.

Musical score for string instruments: Violin I, Violin II, Viola, Cello, and Bass. All parts are marked *arco* and *ppp*. The Violin I part includes a *(free bowing)* instruction. The strings play sustained, long-note passages.

Andante (♩=84)

harp cadenza - tempo ad lib

This page of a musical score contains the following parts and staves:

- Woodwinds:** Piccolo, Flute, Oboe I, Oboe II, Clarinet 1 B♭, Clarinet 2 B♭, Bassoon, Contrabass.
- Brass:** Horn 1 F, Horn 2 F, Trumpet 1 C, Trumpet 2 C, Trombone, Bass Trombone, Tuba.
- Percussion:** Tomtoms, Brake Drum, Snare, Kick Drum.
- Other:** Continuum.
- Strings:** Violin I, Violin II, Viola, Cello, Bass.
- Harp:** A single staff with two systems of notation.

The score is written in a standard musical notation style with various clefs and time signatures. The woodwinds and brass parts are mostly silent, indicated by a horizontal line with a dash. The harp part features intricate arpeggiated patterns. The string parts consist of sustained notes with long horizontal lines above them, indicating a slow or static texture.

268 **piu mosso** (♩=108)

molto dim, allarg.

Piccolo *pp* *pppp*

Flute *pp* *pppp*

Oboe I

Oboe II

Clarinet 1 B♭

Clarinet 2 B♭

Bassoon

Contrabasn

piu mosso (♩=108)

cantabile

molto dim, allarg.

Horn 1 F *mf* *pp*

Horn 2 F

Trumpet 1 C

Trumpet 2 C

Trombone *mf* *cantabile* *pp*

Bass Trmbn *mf* *cantabile* *pp*

Tuba

piu mosso (♩=108)

molto dim, allarg.

Tomtom

Brake Drum *fff*

Snare

Kick Drum

piu mosso (♩=108)

molto dim, allarg.

Continuum *ppp*

Harp *let ring*

Violin I *ppp*

Violin II *ppp*

Viola *ppp*

Cello *ppp*

Bass *ppp*

piu mosso (♩=108)

molto dim, allarg.

ppp