

Ragnhild Berstad:

Krets

*written
in collaboration with
The Stavanger Symphony Orchestra*

*as a part of
the northern composition workshop
1995-96*

score in C

*Ragnhild Berstad 1/9-96
(slightly revised 26/7-98)
and 12/6-10
corr. 18/8-19*

Orchestration

3 flutes (2. and 3. doubling piccolo)
 3 oboes (3. doubling cor anglais)
 3 clarinets in B flat (2. doubling clarinet in E flat, 3. doubling bass clarinet)
 3 bassoons (3. doubling contrabassoon)

4 horns in F (mutes: soft mute (hrn 1,3,4))
 3 trumpets in C (mutes: straight(1,2), harmon(1,2,3), cup(1,3))
 3 trombones (mutes: harmon(1,2,3), cup(1,2,3))
 tuba

timpani

3 percussion:

1)

large susp. cymbal

2)

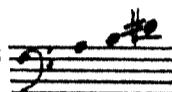
2 susp. cymbals m/l (also perc.3)

thunder sheet (also perc.1)

large tam tam (also perc.3)

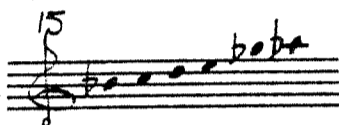
thunder sheet (also perc.2) 20" x 30"

javanese gongs



crotales

(also perc.2)



large gong

extra large gong

5 wood blocks

5 temple blocks

glockenspiel (also perc. 3)

crotales (also perc.1)

snare drum (also perc.3)

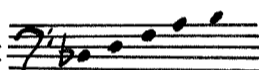
xylofon

vibraphone (motor off)

tubular bells

5 octoban

approximate tuning:



2 bongos

2 timbales

2 congas

gran cassa

3)

mark tree (metal rods)

triangle

agogo

2 susp. cymbals m/l (also perc.2)

large tam tam

Peking gong (glissando gong)

extra equipments:

4 double bass bows

1 superball on stick

javanese gongs

(a large gong can replace gong in G flat)

glockenspiel (also perc.2)

marimba

(preferably a synthetic mar. for arco playing)

snare drum (also perc.2)

bass drum with pedal

sand maraccas

rainstick



harp

(lowest strings tuned in C and D, highest string in G)

piano/celesta

extra equipments: 2 marimba mallets, 1 triangle beater, guitar plectrum

NB; piano is partly amplified; in general two amplification levels are required:

level 1 -slightly amplified

level 2 -medium amplification

11 1. violins

9 2. violins

7 violas

6 violoncelloes

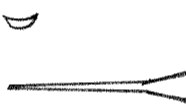
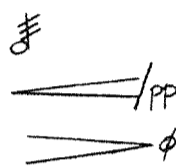
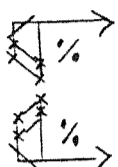
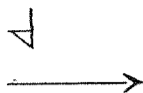
5 double basses (3.-5. with 5 strings, 5. string tuned in C)

The score is in C

Explanations of signs

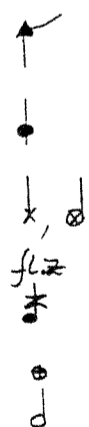
General

AIR ATTACK



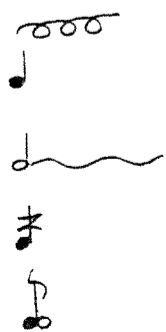
- text inside a box refers to a whole instrument group, here: start from air sound
- lefthand sign from the conductor
- gradual transition
- repeat the bracket figure several times, according to the prolongation line, the note value is approximate
- rapid glissando repetitions with both hands in indicated appr. pitchareas (perc, pno.)
- rhythmically uneven succession of notes repeated several times, according to the prolongation line
- tremolo as fast as possible (not measured)
- crescendo, then pianissimo subito
- diminuendo a dal niente
- damp sound
- highest/lowest pitch possible
- pitch to be raised by 1/4 of major second
- pitch to be lowered by 1/4 of a major second
- use fingernails (harp, pno.)
- make a sudden increase of the crescendo in the end of the notes makes a strong accentuation

Wind instruments



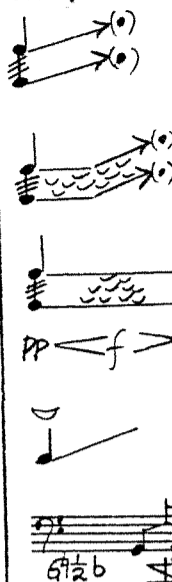
- teeth on reed, increasingly pressure on reed produces a small crescendo
- use much air on the pitch
- air sound only
- "flatterzunge"
- echo sound or 3/4-stopped, pitch is lowered 1/2 step (covered, distant)

Percussion



- rub instrument in a circular manner
- rub instrument in a way that produces optimal sound effect
- tremolo as fast as possible
- dead stroke

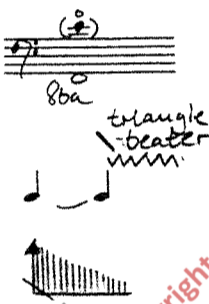
Harp



étouffer
p.d.l.t.

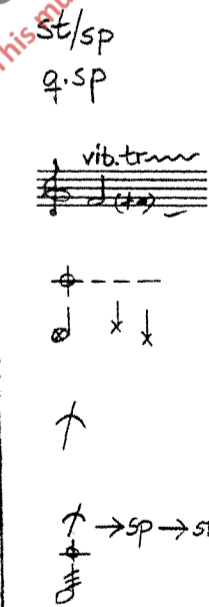
- "aeolian tremolo" (soft dynamic level); rub strings between indicated pitches. Use thumb and thumb side of palm on both hands. Follow the prolongation line to next pitch area
- "aeolian tremolo" (louder dynamic level); same as above, but use several fingers on both hands
- use thumb and thumb side of palm on soft dynamic level, change to several fingers on louder level and vice versa
- glissando with thumb nail
- halfpedal; put pedal in a position between G and G flat to allow the string to vibrate against the tuning peg
- damp string immediately after plucking
- près de la Table, play near the sounding board

Piano

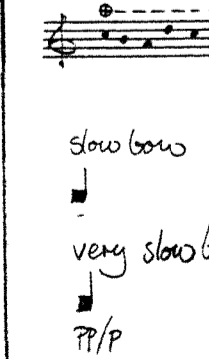


- touch the string node while playing, the harmonic resultant (here the 7.th partial) is shown in parenthesis
- after playing the note, touch the vibrating string with a triangle beater
- glissando on strings use triangle beater

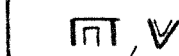
Strings



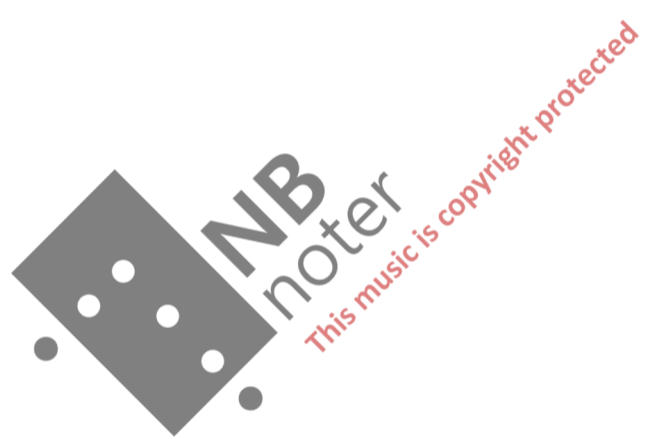
- sul tasto/sul ponticello
- quasi sul pont., between ord. and sul pont.
- vibrato trill; use vibrato technique (with two fingers) to make a small trill
- play, while damping the string lightly with left hand, produce a muffled sound (not harmonics)
- bowing behind the bridge
- tremolo on muffled string, start behind bridge and move gradually towards sul pont., and sul tasto



- fingering without bowing, strike fingerboard with left hand fingers
- this technique produces a sound quality between ordinary and crushed tone
- this technique produces crush tone on soft dynamic levels



- down bow/up bow with increasing bow pressure. Crush tone



4 ♩ = 56

5

4

3 Flutes
3 Oboes
3 Clar.
3 Bassoons
4 French Horns
3 Trumpets in C
3 Trombones
Tuba
Timp.
Tubular bell
Grand Cassa
snare drum
Harp
Piano (partly amplified)

english horn

AIR ONLY
flutter

no amplification
senza ped

pp
mf
f

♩ = 56

5

4

V.I.
desk 1
desk 2
desk 3
desk 4

V.II.
desk 1
desk 2
desk 3
desk 4
desk 5

Vla.
desk 1
desk 2
desk 3

Vc.
desk 1
desk 2
desk 3

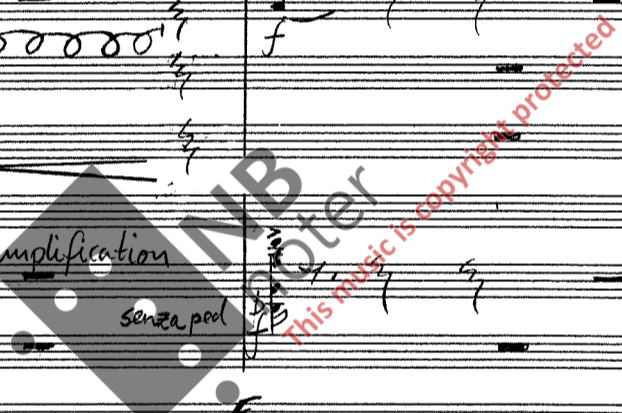
1-3
Cb
4-5

pizz
mf
pp

summi tabl

pp
mf
f

fluffed, double stops pizzicato tremoli



4 5

3 4

FL.

Cot.

Trbn
1
2
3

harmou mite

harmou mite

mp

timp

Tamtaun

Bongo
Congas

Marimba

Harp

alco

2) Aeolian triads

bongo

Congas

4

3 4

desk 2

desk 3

desk 4

desk 1

VL II
desk 23

desk 45

Vla
1
2
3
4
5

desk 1

desk 2

desk 3

cb
1
2

45

MP

PP

arco

div

2 desks

desk 4

1) use thumb and thumb side of palm on both hands

5 15

4

Handwritten musical score for various instruments and sections. The score includes staves for Fl. 1, Ob., Tmp 1 & 2, Timp, Cordales, Susp. M Cymb. L, Harp, Piano, Violin I (1-7), Violin II, Viola 1, Viola 2, Viola 3, Violoncello, and Contrabasso.

Key annotations and markings:

- Fl. 1: *mf p subito*
- Cordales: *center*, *mf*, *pp*, *mp*, *mf*, *rad. arco*, *L.v.*
- Harmonics: *pp*, *mf*, *p*, *mf*
- Piano: *pp*, *f*, *mf*, *p*, *amplification*, *Casta*
- Violins and Violas: *pp*, *mf*, *f*, *pp*, *mf*, *pp*, *mf*, *pp*
- Viola 1: *Solo*, *vibrato*, *mf p subito*, *mf*, *pp*

1) Use vibrato technique to make a small hill
 2) use a light quick bowing on the dynamic swells

Handwritten musical score for various instruments:

- FL (Flute):** *fizz*, *irregular dynamic swells*, *mf p sub. irregular*
- Ob (Oboe):** *irregular dynamic swells*, *irregular*
- Cor (Cornet):** *irregular*, *irregular*, *irregular*
- Cl (Clarinet):** *irregular*, *irregular*
- Fg (Fagotto):** *fizz*
- Cor. (Corno):** *fizz*, *harmon mute*
- Trp (Trumpet):** 1, 2, 3 *harmon mute*
- Tbn (Trombone):** 1, 2, 3 *harmon mute*
- Crotals:** *arco*
- Vib. (Vibraphone):** *without snares*, *arco*
- Snare Drum:** *without snares*
- Marimba/Gymbal:** *2) Marimba*, *arco*
- Harp:** *tuning!*, *3*, *4*, *aedian sound*, *pp*, *♩ = 60*
- VLI (Violin I):** *arco*, *pp*
- VLI (Violin II):** *arco*, *pp*
- 5-6 (Viola I)**
- 7-9 (Viola II)**
- vla (Violoncello):** *arco*, *mp*, *mf*
- VC (Violone/Contrabass):** *sanza sord*, *sanza sord*, *sanza sord*

Additional notes and markings include *fizz*, *irregular*, *irregular dynamic swells*, *mf p sub. irregular*, *arco*, *without snares*, *2) Marimba*, *tuning!*, *aedian sound*, *pp*, *♩ = 60*, *sanza sord*, and a large "MIDI Protected" watermark.

1) Use a light, quick bowing on the dynamic swells

2) Preferably a synthetic marimba

FL. *air attack*

Fg *soft mute* *air attack*

Cor. *soft mute* *air attack*

Trp 1 *cup mute* *air attack*

Trbn *cup mute* *air attack*

Octoban
2 Bongos
2 Timb.
2 Congas

Mar. *pp* *f* *f* *f*

Harp *f* *f* *f* *f*

Pno amplified level 2 *f* *ff* *touch string node* *ped. - 2/4*

desk 1
desk 13 VLI *(mf)* *desk 1,2* *desk 3 only* *ff (possible)*

desk 46 VLI *(mf)* *desk 4* *desk 5,6* *ff (possible)*

VLII *(mf)* *ff (possible)*

vla *(mf)* *ff (possible)*

VC *(mf)* *pp* *mp* *mp subito*

1-4 cb *pp* *p* *f* *mp subito*

5 *pp* *f* *mp subito*

3 *4* *(tutti cresc.)* $\text{♩} = 48$

dysynchronized and freely rhythmized

2) find the 7th partial, sounds two octaves and a seventh above the fundamental (arco) pp

Handwritten musical score for various instruments including Flute (Fl.), Oboe (Ob.), Piccolo (Picc.), Clarinet (Cl.), Bassoon (Fg.), Horn (Cor), Trumpet (Tup), Trombone (Tbn), Timpani (Timp.), Congas, Yambuco, Gongas, Harp, Piano (Pno), Violin (vI, vII), Viola (vIa), Violoncello (vc), and Contrabass (cb). The score includes dynamic markings such as pp, p, mp, mf, and ff, as well as performance instructions like 'air attack', 'senza sord', 'tam tam', and 'inside pno amplification off'. Time signatures of 5/4 and 4/4 are indicated at the top and bottom of the page.

touch the vibrating string with a triangle beater

D (l'istesso tempo)

Fl. pic. 1
 Fl. 1
 2
 Ob.
 Cl. pic.
 Cl. 1
 3
 C. Fg.
 Cor.
 Trp.
 1
 Trbn 2
 Tuba 3
 Tubbells
 Gl. spiel
 Mark tree
 Harp
 pno (no ampl.)
 V.I 1
 2
 3
 4
 5
 V.II
 Vla
 Vc
 Cb 1-3
 4-5

pp (possible)
 f
 pp (possible)
 f
 pp (possible)
 f
 pp (subito)
 f
 pp (subito)
 mf
 pp
 mf pp (subito)
 mf pp (subito)
 mf pp (subito)
 mf pp (subito)
 mf pp (subito)
 mf
 f
 pp
 mf
 mp
 rubber mallet center
 Javanese Gong
 mp
 f/imp
 pp
 flautato
 flautato
 flautato
 flautato
 flautato
 2 desks
 1. desk only
 1. desk only
 piz f
 piz f
 PP unsynchronized

FL. picc 1, 2
Ob. 1, 2
Cl. picc 1, 3
Cor.
Timp
Tamtam
Gr. spid
Cao, Gong
Harp
Pno (no ampl.)

non legato
mf p (subito) Sim 6
mf p (sub)
to d. in B
non legato
mf p (subito)
mf
rub surface L.V.
pp
Bisbigliando pp
stunning: (b b b b # a b e)
pp
sans ped pp

use the vibrato technique to make a small fill

Vl I
Vl II
Vla
Vc
Cb 1-3
4-5

change bow on accent

flautato
flautato
flautato
flautato
flautato
flautato

pp

fmp (sub) Fl. picc, fl. 1, cl 1: play to the end of the phrase, then start with the next box.

Handwritten musical score for measures 50-53. The score includes parts for Fl. picc., Oboe (Ob.), Clarinet 2 (Cl. 2), Timp., Xylofon, Gl. spiel, Marimb., Harp, and Pno.

Measures 50-53 are marked with a $\frac{3}{4}$ time signature and a $\frac{3}{4}$ time signature. The score includes various dynamics such as *mf p(sub)*, *3mf p(sub)*, *mf p(sub)*, and *pp*. Performance instructions include "non legato", "non legato", and "crescendo".

There are handwritten notes in the right margin: "to octoban" and "to bongos/timbales".

A large watermark "NB Proter" is overlaid on the score.

3) use the vibrato technique to make a small trill

Handwritten musical score for measures 54-57. The score includes parts for Violin I (vI), Violin II (vII), Viola (vla), Violoncello (VC), and Contrabasso (Cb).

Measures 54-57 are marked with a $\frac{4}{4}$ time signature. The score includes various dynamics such as *pizz*, *pp*, *mf*, and *f*. Performance instructions include "pizz", "gsp. vibr.", and "ord. 5".

There are handwritten notes in the right margin: "a 1/4 (3/4)" and "VC".

1) Fl. picc. finish the phrase and stop 2) Fl. and Cl. finish the phrase and stop

n pp

Handwritten musical score for a symphony orchestra and solo instruments. The score includes parts for Flute 2, Oboe 2 and 3, Clarinet Bass, Flute 1, Clarinet in F, Trumpet 2, Trombone 1 and 2, Tuba, Timpani, Octoban, Bongos, Congas, Maracas, Harp, Piano (amplified), Violin I and II, Viola, Violoncello, and Double Bass.

Key markings and annotations include:

- Tempo: $\text{♩} = 53$, $\text{♩} = 80$, $\text{♩} = 60$
- Dynamic: *crescendo*, *mf*, *pp*, *f*, *mp*, *fz*
- Performance notes: *con sord. 1.*, *(sanza sord.)*, *amplified level 1*, *inside pno with nails on both hands*, *ped*, *crush tone*
- Rehearsal marks: 55, 56, 57, 58
- Section numbers: 3, 4, 13
- Instrument numbers: 1, 2, 3, 1, 2, 1, 2, 3, 1, 2, 3, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35

60

Handwritten musical score for a symphony orchestra, page 14, rehearsal mark 60. The score includes parts for:

- Cl. Bs:** Flute 2, dynamics: *pp*, *f*, *pp*.
- C. Trg:** Clarinet in B-flat, dynamics: *mf*, *pp*.
- Str:** Violins and Violas, dynamics: *mp*, *mf*, *pp*.
- Trb 1 & 3:** Trombones 1 and 3, dynamics: *mp*, *mf*, *pp*. Includes *growl* markings.
- Tuba:** Tuba, dynamics: *mp*, *mf*, *pp*.
- Timp:** Timpani, dynamics: *mp*, *pp*, *f*, *pp* *Subito*.
- Tub. bells:** Tubular bells, dynamics: *pp*, *mf*.
- Gr. Cass II:** Grand Cassin II, dynamics: *pp*, *mf*.
- Tarimba:** Tamboresim, dynamics: *pp*, *mf*, *f*, *pp*.
- Harp:** Harp, dynamics: *mf*, *pp*, *f*, *pp*.
- pno (ampl.):** Piano (amplified), dynamics: *mf*, *mp*, *f*. Includes *crush tone* and *ped* markings.
- VC:** Violoncello, dynamics: *mf*, *f*, *pp*.
- CB:** Contrabasso, dynamics: *f*, *mf*.

Additional markings include *cup mute*, *growl*, *pp*, *mf*, *f*, *pp*, *Subito*, *crush tone*, and *unsynchronized and freely rhythimized*.



Handwritten musical score for a symphony orchestra, page 15, rehearsal mark 65. The score includes parts for Flute (Fl.), Clarinet (Cl.), Clarinet in B-flat (Cl. Bb), Cello (C.), Viola (Vla.), Violin (Vl.), Violoncello (Vc.), Double Bass (Cb.), Horn (Cor.), Trumpet (Tbn.), Tuba, Timpani (Timp.), Tub bells, Glockenspiel (Glock.), Harp, and Piano (Pno.).

Key performance instructions and dynamics include:

- Flute:** *to fl. picc*, *mp*
- Clarinet:** *to cl. in Bb*, *mp*
- Cello/Double Bass:** *p*, *f*, *mf*
- Horn:** *mf*, *f*, *pp*
- Trumpet/Tuba:** *mf*, *f*, *pp*, *air attack*
- Timpani:** *fp subito*, *pp*
- Glockenspiel:** *mp*, *pp*
- Harp:** *mf*, *f*, *pp*, *amplification off*
- Piano:** *f*, *mf*, *pp*
- Violins:** *pizz p*, *mp*, *f*, *pp*, *arco*, *quasi armonici*
- Viola:** *pizz p*, *p*, *f*, *pp*, *arco*
- Violoncello/Double Bass:** *mf*, *f*, *ff subito*, *mf subito*, *p*

The score features complex rhythmic patterns, dynamic swells, and specific articulation marks such as *pizz p* (pizzicato) and *arco* (arco). A large watermark "IMB noter" is visible across the center of the page.

Handwritten musical score for a symphony orchestra, page 16. The score includes staves for various instruments and sections:

- Woodwinds:** Flute (Fl.), Piccolo (Pic.), Oboe (Ob.), Clarinet (Cl.), Bassoon (Fg.).
- Brass:** Horn (Hrn.), Trumpet (Trp.), Trombone (Trbn).
- Percussion:** Vibraphone (Vibraphon), Gongs (Gongales), Gl. Sp. (Glockenspiel), Harp, Celesta.
- Strings:** Violins I (Vl. I), Violins II (Vl. II), Viola (Vla.), Violoncello (Vc.), Double Bass (Cb.).

Key musical notations and markings include:

- Flute (Fl.):** *pp* (pianissimo), *pp (poss)* (pianissimo possible).
- Glockenspiel (Gl. Sp.):** *ppp* (pianississimo), *Marimba* (written above the staff), *pp*.
- Harp:** *tuning: (a-b-a-b-a-b-a)*, *pd. lit.* (pedal lute), *D7*, *P*.
- Celesta:** *p*, *f*.
- Violins (Vl. I & II):** *pp*, *pp II*, *mf*, *change bow on accent*, *2-4*.
- Violoncello (Vc.):** *pp*, *Shomo reale b*, *pp*.
- Double Bass (Cb.):** *pp*.

The score features complex rhythmic patterns, including sixteenth and thirty-second notes, and various dynamic markings throughout.

Fl. picc. *p* *p* (possible)

Fl. picc. *p* *p* (possible)

Vib. *arco*

Crotals *arco*

Tarintab *Gl. spiel* *ppp*

Harp *mp* *ord* *pllt.* *ord.* *Bisbigliando* *p* *pp*

Celesta *p* *f* *p*

Vl. solo *mp* *mp(sub)* *mp* *mf* *mf* *fmp sub.*

Vl. 7-11 *pp* *flautato* *pp*

Vl. 3-5 *pp* *flautato* *pp* *flautato*

Vla *pp* *flautato* *pp* *flautato* *pp* *flautato* *pp* *flautato*

Vc *pp* *flautato* *pp* *flautato* *pp* *flautato* *pp* *flautato* *pp* *flautato*

Cb *pp* *flautato* *pp* *flautato* *pp* *flautato* *pp* *flautato* *pp* *flautato*

Muffle string while bowing, start behind the bridge

2) a slow tremolo

to Fl. grande 2

to Fl. grande 3

Fl. piccolo
Fl. grande 1

p (poss.)
mf

mf

Fl. grande 2
Fl. grande 3

Harp

pd, l.t
ord Bistigliando
tuning!
mp

Celesta

Violino I

mf
liberamente
 $\text{♩} = 72$
mf

Violino II

pp
con sord.
detache, alla punta
pp
con sord.

Viola

pp
con sord.
detache, alla punta
pp
con sord.

Violoncello

pp
con sord.
detache, alla punta
pp
con sord.

Contrabbasso

pp
con sord.
detache, alla punta
pp
con sord.

flauto *pp*
pp

3
4

FL 1 2
Ob
Vibraph
Harp
8va
Bisb. 5
arco
ped →
D



1/2 (solo) con sord
3, 4
5, 6 PP
7, 8 (con sord) detache, alla punta
1, 2 7P 10 senza sord
3, 4
5, 6 con sord detache, alla punta
7, 8
Vla
9, 10 Con sord
11, 12 detache, alla punta
13, 14
15, 16
17, 18
19, 20
21, 22
23, 24
25, 26
27, 28
29, 30
31, 32
33, 34
35, 36
37, 38
39, 40
41, 42
43, 44
45, 46
47, 48
49, 50
51, 52
53, 54
55, 56
57, 58
59, 60
61, 62
63, 64
65, 66
67, 68
69, 70
71, 72
73, 74
75, 76
77, 78
79, 80
81, 82
83, 84
85, 86
87, 88
89, 90
91, 92
93, 94
95, 96
97, 98
99, 100
101, 102
103, 104
105, 106
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995, 996
997, 998
999, 1000

3
4

80 3

FL 1 2

Ob 1

Cl. 1 2

Vib

Harp

mp

pp

arco

ped arco

l.v.

l.v.

E♭

3 4

des1

des2

d.3

VLI

d.4

d.5

d.6

des1

d.2

VII

d.3

d.4

d.5

1.2

vla3/4

5-7

VC

cb

senza sord.

flautato

Senza sord.

flautato

pp

flautato

Senza sord.

flautato

Senza sord.

flautato

Senza sord.

detache alla punta

pp

Handwritten musical score for a symphony orchestra. The score is written on multiple staves, each labeled with an instrument or section:

- Fl.** (Flute): Includes dynamics like *pp* and *to fl. picc*.
- Obz.** (Oboe): Includes dynamics like *mp*.
- Cl.** (Clarinet): Includes dynamics like *pp*.
- Fg.** (Fagotto/Bassoon): Includes dynamics like *mp*.
- Trp.** (Trumpet): Includes dynamics like *mp* and *senza sord.*
- Vib.** (Vibraphone): Includes dynamics like *mp*.
- Tamimbr.** (Tambourine): Includes dynamics like *arco*.
- Harp**: Includes dynamics like *mf*.
- V.I.** (Violin I): Includes dynamics like *pp* and *dim.*
- V.II.** (Violin II): Includes dynamics like *pp*.
- Vla.** (Viola): Includes dynamics like *pp* and *flautato, detache, alla punta*.
- 1-3 VC.** (Violoncello): Includes dynamics like *pp* and *dist. 1*.
- 4-6 VC.** (Violoncello): Includes dynamics like *pp* and *dist. 2*.
- CB.** (Contrabasso): Includes dynamics like *pp* and *dist. 3*.

The score features complex rhythmic patterns, including triplets and sixteenth notes. There are various performance markings such as *arco*, *flautato*, and *dist.* (distacco). A large watermark "This music is copyright protected" is visible across the center of the page.

simile cresc./dim.

poco a poco crescendo

3/4

-22-

crescendo

(l'istesso tempo)

Handwritten musical score for a full orchestra. The score is arranged in systems for various instruments:

- Flpic:** Piccolo flute part.
- FL.1:** First Flute part.
- 2:** Second Flute part.
- Ob.1:** First Oboe part.
- Ob.2:** Second Oboe part.
- Cl:** Clarinet part.
- Fg.1:** First Bassoon part.
- Fg.2:** Second Bassoon part.
- Cor.1:** First Cor Anglais part.
- Cor.2:** Second Cor Anglais part.
- Cor.3:** Third Cor Anglais part.
- Cor.4:** Fourth Cor Anglais part.
- Trp.1:** First Trumpet part.
- Trp.2:** Second Trumpet part.
- Trp.3:** Third Trumpet part.
- Trb.1:** First Trombone part.
- Trb.2:** Second Trombone part.
- Trb.3:** Third Trombone part.
- Timp:** Timpani part.
- Vib:** Vibraphone part.
- Thunder sheet:** Thunder sheet part.
- Harp:** Harp part.
- VI:** Violin I part.
- VII:** Violin II part.
- Vla:** Viola part.
- VC:** Violoncello part.
- CB:** Contrabasso part.

The score includes various musical notations such as dynamics (pp, p, mp, mf), articulation (accents, slurs), and performance instructions like "in rilievo", "AIR ATTACK", "senza sord.", "pp sempre", and "l.v.". There are also numerical markings like "10" and "5" indicating fingerings or counts. A large watermark "Copyrighted material" is visible across the center of the page.

Dim simile cresc./dim.

pp

p

H *L'istesso tempo*

90 to fl. grande 3

FL picc. 1 2

Ob 1 2,3

Cl 1,2 3

C.Fg

Cor

Timp 1 2

Tbn 1 2

Tb.

Timp.

Tam tam

Thunder sh.

Large Cymb

Harp

Pno amplified level 1

vi I

desk 5b

vi II

desk 45

vla

vc

cb 1-2 3-5

Ob 3 to Cor. Aug

to Fg. 3

to thunder sheet



PP sempre 1) continue slight dynamic swells

FL.

Ob

Cor Ang

Cl.

Fg

Cor

Trp 1

Trp 2

Trbn 1

Trbn 2

air attack

Chao Gong

Jiao Gong

mf

p

Puo ampl. level 1

amplified, level 1

inside pno

p guitar plectrum

mp

ped.

Vl I

Vl II

Vla

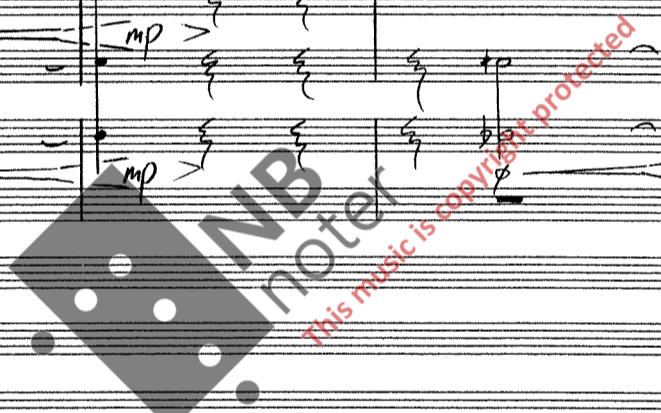
Vc

Cb

mf

mp

Handwritten musical score for various instruments including Flute, Oboe, Clarinet, Bassoon, Trumpet, Trombone, Snare Drum, Cymbal, Piano, Violin, Viola, Violoncello, and Double Bass. The score includes dynamic markings such as *pp*, *mp*, *mf*, and *p*, along with performance instructions like *AIR ONLY* and *to large cymbal*. The music is written in a 2/4 time signature.



FL. *to fl. picc*
to fl. picc

Ob.

Corln

Cl. *to fl. picc*

Fg 1/3 *3. to C.Fg*

Cor

Tron 1/3

Tb

Timp. (30in) *from solid*

Sn.dr *to Gran Cassa*

Large Cymb. *to cymb.*

Harp *p.d.lit. muffled*
mf
ord.

VLI *pizz f*
pp

VII *vibr.*
pp

Vla *pizz f*
pp

Vc *pizz mf*
pp

Cb *arco pp*
3 5 2 (+)
pp

1) unsynchronized 2) mute in center

4

Fl. picc 3
 Fl. picc 1
 Ob 1
 Cor Ang
 cl. (to cl. Picc)
 C.Fg.
 Cor
 Tb (pp sempre)
 Timp. con Sord
 Cymb M (pp)
 Gr. cassa (mp)
 Tarimba (Jay Gong to tam tam 19 SUPERBALL center mub surface mf)
 Harp (pp)
 Pno (ampl.) (amplified, level 1)
 VLI 1-2 (pp)
 VLI 3-5 (pizz f)
 VLI 6-8 (vibr)
 VLI 9-11 (pp)
 VLI (pizz f)
 Vla (pizz f)
 Vc (mp)
 cb (mp)

Handwritten notes and performance instructions: "to cl. Picc", "con Sord", "Jay Gong to tam tam 19 SUPERBALL center mub surface mf", "amplified, level 1", "pizz", "vibr", "ord.", "mp", "mf", "pp", "f", "p".

Watermark: This music is copyright protected.

Fl. pic
Fl. piccolo
1
Ob 1
2
Cl. pic
1
Cl. 3
C. Fg
Cor
Trp.
Tub. bell
Cymb. m
Tom
tam-t.
Harp
Pno
ampl. level 2
vI
vII
vIa
vC
cb

mp, pp, f, mf, p, mf, pp, ppp, arco, pizz, secco, suono reale

perc I to octoban
perc II to bango/limb/congas
perc III to tub bells.
octoban
tub bells, perc III

staccato
pizz
arco
secco
suono reale

mp PP alternate between indicated dynamic ranges

pizz f arco ppp

120

Flpic
2.pic
1

Cordals

Peking Gong

Harp

tuning: (a b a# a# b a#)

Pno

desk 1
d.2
V.I. d.3

desk 1
V.II
desk 1

desk 1
V.IA

VC

1.2
3.4

subito accento



Fl. picc 1

Fl. picc 2

Cor

Tbn

Crotals

Vib

Gl. spiel

P. Gong

Harp

pno

deskl 1

VL I d. 1, 2 d. 3

d. 46

deskl 1

VL II 2, 3

deskl 1

VL III d. 2-4

VC

Cb

pp P PPSub mp pp Sub.

AIR ONLY fl. z

echo sound

tenuto mf

arco ped.

agogo wood stick

pdlt.

E9

deskl 4

deskl 2

deskl 3

ord

pp

pp

S.M.

1) glissando on strings,
use a triangle beater

2) sudden accents

Handwritten musical score for a symphony orchestra. The score is divided into two systems, each with a double bar line. The instruments listed on the left include:

- Fl. picc 1
- Fl. picc 2
- Cor Angl
- Cl. picc
- Cl. 1
- Cor
- Tbn
- Vib
- Gk. sp.
- Harp
- Pno
- Vl I
- desksb
- Vl II
- desks 1
- Vla. 2
- d. 39
- Vc
- Cb

The score contains various musical notations, including dynamics (mf, pp, p, f, mp, st ord.), articulation (accents, pizz), and performance instructions (sudden accents, Echo Sound). A large watermark "NB noter" is visible across the center of the page, with the text "This music is copyright protected" written diagonally below it. The tempo marking "♩ = 84" appears at the top right and in the middle of the second system.

Fl. pic

Fl. pic 1

Ob

Cor Ang

Cl.

C. Fg

Cor

Timp

Tam Tam

Harp

Pno
amd.
level 1

VI

VI

Vla

VC 1-4

VC 5-6

CB

pp (possible) non legato

pp mf p sub pp mf non legato

p - pp sub

f mp sub

[9 SUPERBALL]

inside pno with nails on both hands

amplified, level 1

ped. pp mf

pp mp sp mp sp mp

to Fl. grande 2

Musical score for Fl. piccolo 1, Fl. piccolo 2, Cor Anglais, Clarinet, Flute grande 1, and C. Flute grande 2. Includes dynamic markings like *pp*, *ppsub*, *mf*, *pp*, and performance instructions like *non leg.*, *non legato, in rilievo*, and *sim*.

Musical score for four Cornets (Cor.). Includes the instruction *open* for each part.

Musical score for Trombone 2, Trombone 3, and Timpani (Timp.). Includes dynamic markings like *p*, *ppsub*, and *mf*.

Musical score for two French Horns (Fav. horns).

Musical score for Harp.

Musical score for Piano (Pno. ampl.). Includes a detailed diagram of a piano action mechanism with labels like *ped*, *86a*, and *PP*.

Musical score for Violin I and II (Vl. I, Vl. II), Viola (Vla.), Violoncello (Vc. sc.), and Contrabass (Cb.). Includes dynamic markings like *pp*, *mf*, and performance instructions like *ord*.

Fl. picc 1 2

Cor Ang 1 2

Cl. 1 2

Fg C.Fg mp p

Cor. 1 2 mp p

Tpt 1 2 3 mp p

Timp Tubells

Gr.C. 90 centers

Fuo. Gongus mf

Pno (amp.) level 2 inside pno touch string node *pal 3/4 **

V.I 1,2 3,4 5,6

V.II 1,2 3,4

Vla 1,2

Vc 1,2

Cb 1,2 3,4 mp pp

1) find the 7.th partial, sounds two octaves and a seventh above the fundamental

Flpic 1, 2

Ob 1

Cor 1

Cl

Fg. C. fg.

Cor

Trp

Tbn 1, 2

Tb 3

Tim

Gr. C.

Jav. Gong

Harp

Pno (amp)

desk 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12

V.I. desk 1, 2, 3

V.II desk 1, 2, 3

VC

1, 2

Cb 3, 4

5

pp (possible)

tuning: (detache)

amplification off

pp, p, mp, f, mf

1) detache

4/4 ♩ = 84

P *p* *mf*

Fl. 12
3

Ob. 12
3

Cl. 12
2

Cl. Bass 12

Fg 1 *mp* *pp*

Fg 2 *mp* *pp*

C. Fg. *pp* (possible)

Cor. 1 *mp* *pp*

Cor. 2 *mp* *pp*

Cor. 3 *mp* *pp*

Trp. 1 *mp* *pp*

Trp. 2 *mp* *pp*

Trp. 3 *mp* *pp*

Trbn. 1 *mp* *pp*

Trbn. 2 *mp* *pp*

Tb. 1 *mp* *pp*

Tb. 2 *mp* *pp*

Tb. 3 *mp* *pp*

Timp *pp*

Tubbelli

Gr. C *mf*

Gl. spiel *mf*

Pno (ampl.) level 2 *mf*

amplified level 2

ped 8va ff

detache alla punta

alla punta detache

detache alla punta

detache alla punta

diviso pizz

VL I 12
34
58
9-11

VL II 12
34
58

Vla 14
57

VC 1-4
5,6

Cb. 1,2
3
4,5

Handwritten musical score for a symphony orchestra. The score includes parts for Flute 1 & 2, Oboe 1 & 2, Clarinet in Bb, Bassoon 1 & 2, Cor Anglais, Trumpet 1 & 2, Trombone 1 & 2, Tuba, Timpani, Tubbells, Grand Cymbal, Gong, Piano (amplified), Violin I & II, Viola, Violoncello, and Double Bass. The score is marked with various dynamics (pp, p, mp, mf, f, ff) and includes performance instructions such as 'to Fl. pic', 'to Cor Ang.', 'to A. in Bb', 'amplification off', and 'pizz'.



3 Fl. picc. poco allargando

1 2

Ob

Corang

Cl 1 2

Fg

Cor 1 3

Trp 2 3

Tbn

Tub. bells

Susp. Cymb

Tam. 1

Harp

V.I

V.II

Vla 1-3 4-7

Vc

Cb 1-3

pp, pp3, mf, mp, f, p, con sord., p-pp sub

arco, L.v., to susp. cymb., medium, arco

tuning (A-baba-o-aba)

desk 3 only

Very slow bow

Very slow bow

mp, f, p, S.F.

1) This technique produces a complex sound, i.e. crush tone

2) molto vibrato, use two fingers



Handwritten musical score for various instruments including Piccolo, Oboe, Clarinet, Flute, Cor Anglais, Trumpet, Suspended Cymbal, Marimba, Harp, Celesta, Drums (dsk1, d.2, d.3, d.4, d.5b), Violin I, Violin II, Viola, Violoncello, and Contrabass. The score is divided into two systems, with the second system starting at measure 160. It includes dynamic markings such as *pp*, *p*, *mp*, *mf*, and *f*, as well as performance instructions like *arco*, *pp sub*, *to temple blocks*, *very slow bow*, and *ord. bow*. A large watermark 'IMB' is visible across the center of the page.

This technique produces a complex sound, i.e. crush tone 2) unsynchronized

6
4 to fl. picc.

FL. 2
Ob
Corln
Cl.

Tempo blocks
to susp cymb

Tarimba
to triangle

Harp

Celesta

VI
desk 56
VI
desk 45
Vla
VC
Cb 15



$\text{♩} = 54$ P

2. picc
Fl. picc
1
1
Ob 2
3
1
Cl. 2
3

Detailed description: This section contains the musical notation for the woodwind instruments. The Piccolo (2. picc) and Flute (Fl. picc) parts are mostly rests. The Oboe (Ob) and Clarinet (Cl.) parts feature melodic lines with dynamic markings such as *p* and *sf*. The Oboe part includes fingerings like 5-4-3-2-1 and 5-4-3-2-1. The Clarinet part includes fingerings like 6-5-4-3-2-1 and 3-2-1.

Triangle
Harp

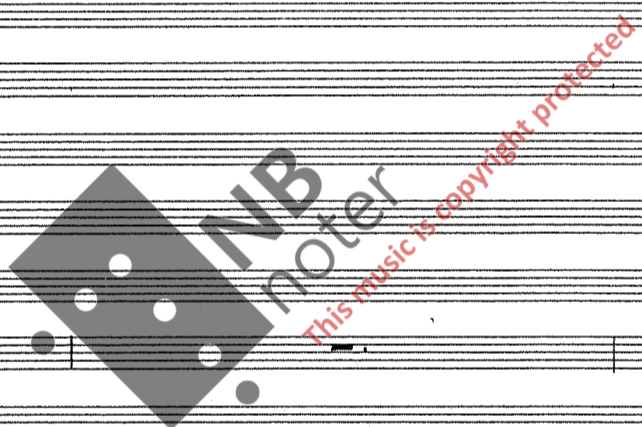
Detailed description: This section contains the musical notation for the Triangle and Harp. The Triangle part has a few notes with dynamic markings. The Harp part features arpeggiated chords with dynamic markings like *p* and *sf*.

$\text{♩} = 54$

clark1
clark2
V.I
V.II
Vla
1-3
VC
4-6
Cb 12

change bow on accents

Detailed description: This section contains the musical notation for the string instruments. The Clarinet (clark1, clark2) parts are mostly rests. The Violin (V.I, V.II) and Viola (Vla) parts feature rhythmic patterns with dynamic markings like *p* and *sf*. The Cello (Cb) part includes a melodic line with dynamic markings like *p* and *sf*. A handwritten instruction "change bow on accents" is written above the Violin and Viola parts.



Fl. picc 1

Fl. picc 2

Ob 1

Ob 2

Ob 3

Cl. 2 1

Cl. 2 2

Cl. 2 3

1 a, b, c, d) If not possible on oboe, substitute with 1st & 3rd clarinets



Harp

Pno.

Viol. I desk 1

Viol. I desk 2

Viol. II

Vla

VC 1-3

VC 4-6

Cb 1, 2

♩ = 72

♩ = 126

poco crescendo

schattenhaft

175

- 45 -

Fl.picc
Fl.picc
1
P (poss)
schattenhaft
P
Cl.
A.Bs.

Cor
Trp 1
Trbn 1
misterioso
senza sord.
senza sord.
P
P
P

Harp
Pno
tuning:
mf
(no ampl.)
misterioso
p
pp

Vl I
Vl II
Vla
Vc
Cb



to fl. grande 2
to fl. grande 3

Handwritten musical score for a full orchestra. The score is divided into two systems. The first system contains staves for Fl. piccolo, Fl. piccolo 1, Oboe, Clarinet, Clarinet Bass, Flute, Cor, Trumpet, Trombone, Tuba, Timpani, Gong, Flute, Harp, and Pro ampl level 1. The second system contains staves for Violin I, Violin II, Violin III/IV, Viola, Violoncello, and Double Bass. The score includes various musical notations such as notes, rests, dynamics (pp, mp, mf, f), articulation marks, and performance instructions. A large watermark 'INB noter' is visible across the center of the page.

1) touch vibrating string with triangle beater
 3) this technique produces a sound quality between ordinary tone and crush tone

2) rub strings rapidly back and forth with triangle beater, move gradually from Eb down to lowest possible string

4 190

in rilievo,
legato

Handwritten musical score for orchestra, including parts for Cl.Bs, Fg, C.Fg, Cor, Tmp, Trbn, Timp, Thunder sheet, Susp. Cymb., Su.sp. Cymb., V.I, V.II, Vla, Vc, Cb 3, and Cb 4.5. The score features complex rhythmic patterns, dynamic markings (pp, mf, f), and performance instructions such as "AIR ATTACK", "sempre", "lentissimo", "normal bow", "V.S.L.B", and "N.B.". A large watermark "NBater" is visible across the center of the page.

1) very slow bow (V.S.L.B),
this technique produces a complex sound, i.e. crush tone

Cl.Bs

Fg

C.Fg

Cor

Tbn

Tb

Timp

Thunder sheet

(sdo)
2-4

V.I

V.II

Vla

Vc

Cb

*legato be
8 in lieu of f (possible)*

air attack

senza sord.

f. 2

pp

N.B.

V.S.L.B.

mf

delac

1) Muffle with left hand

2) crush tone

mp

Handwritten musical score for a symphony orchestra, page 50. The score includes parts for C.Fg, Cor, Trbn, Tb, Timp, Thunder sheet, Temple blocks, B.dr. (pedal), Maraca (sandal), Rain stick, Pno, (solo) 2-4, VLI, VLI, Vla, VC, and Cb. The music is written in 3/4 time with a tempo of 54. The score features various dynamics (p, mf, f, pp) and performance instructions such as "growl", "AIR ONLY", "Inside pno senza pad", "flautista, non urb.", and "touch string in order". There are also markings for "div." and "lmo". A large watermark "MNB notef" is visible across the center of the page.

altera a cord mass lead

2) touch string in order

200

C.Fg

Cor

Trbn

Tb

Timp

Rain stick

Pno

Solo

VLI

VII

Vla

Vc

Cb

poco animato

mp

sim.

mp

5

6

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Ragnhild Berstad 1/9.96
(slightly revised 26/7.98)

COPY. 18/8-19