

In the beginning was - partitura

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Sara Jakopović

In the beginning was...

za simfonijski orkestar i udaraljke

2023.

ORCHESTRA:

3 fl.:

1° picc.

2° fl.

3° fl.

2 ob.:

1° ob.

2° c.a.

3 cl.:

1° cl. in Eb

2° cl. in Bb

3° b. cl.

3 bsn.:

1° bsn.

2° cbsn.

3° cbsn.

4 hn. in F

2 tpt. in Bb

3 tbn.:

1° tbn.

2° tbn.

3° b. tbn.

1 tba.

1 timp.

4 perc.:

1° crot., vib.

2° t. bl., bongos, congas, tom-t., b.d.

3° t.-t., cym.

4° susp. cym., glock.

1 cel.

1 pno.

2 hp.

16 vln. I

14 vln. II

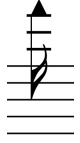
12 vla.

10 vlc.


8 ctb.

Performance notes


General




- highest note possible



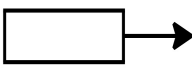
- perform as quickly as possible



- gradually play faster - the number of repetitions is not important




- gradually slow down - the number of repetitions is not important




- repeat the pattern

Flute

f.t.




- flutter tongue



- tongue pizzicato


T.R.



- tongued ram
- fingered
- actual pitch


Clarinet

f.t.



- flutter tongue


s.t.




- slap tongue

Percussion

l.v. - let vibrate

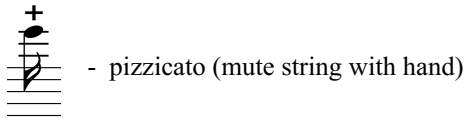


- dead stroke

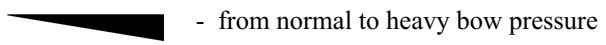
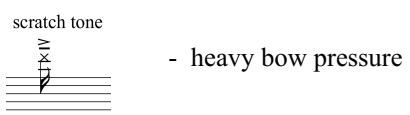
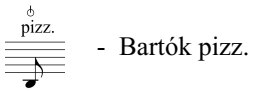


- bow instrument like a thunder sheet
to get different noisy spectral sounds (improvisando)

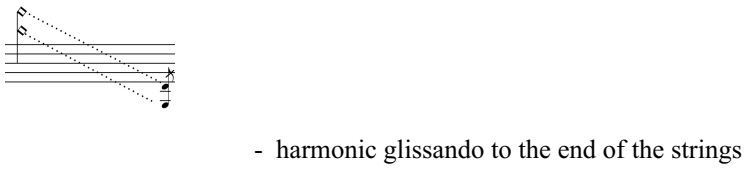
Piano



Strings



- ESP - extreme sul ponticello
- ST - sul tasto
- SP - sul ponticello



I. The Big Bang

SCORE IN C

Sara Jakopović

Aggressivo

$\text{♩} = 150$

The score is organized into several systems of staves. The first system includes woodwinds: Piccolo, Flute, Oboe, Cor Anglais, Clarinet in Eb, Clarinet in Bb, Bass Clarinet in Bb, Bassoon, and Contrabassoon. The second system includes brass: Horn in F, Trumpet in Bb, Trombone, Bass Trombone, and Tuba. The third system includes percussion: Timpani (with a dynamic marking of *f* and the instruction "with rute sticks"), Crotales, Vibraphone, Multipercussion set, Bass Drum (with a dynamic marking of *f*), Tam-tam, Cymbals, and Glockenspiel. The fourth system includes Celesta and Piano. The fifth system includes Harp 1 and Harp 2 (both with a dynamic marking of *++++*). The final system includes strings: Violin I, Violin II, Viola, Violoncello, and Double Bass. The score is marked "Aggressivo" with a tempo of $\text{♩} = 150$.

5

Picc.

Fl.

Ob.

C. A.

E♭ Cl.

Cl.

B. Cl.

Bsn.

Cbsn.

Hn.

Tpts.

Tbn.

B. Tbn.

Tba.

Timp.

Crot.

Vib.

perc.

B. D.

T.-t.

Cym.

Cym.

Glock.

Cel.

Pno.

Hp. 1

Hp. 2

Vln. I

Vln. II

Vla.

Vc.

Db.

Detailed description: This is a page of a musical score, page 6, starting at measure 5. The score is arranged in a standard orchestral layout with multiple staves. The instruments listed on the left are: Piccolo (Picc.), Flute (Fl.), Oboe (Ob.), Clarinet in A (C. A.), Clarinet in E-flat (E♭ Cl.), Clarinet in B-flat (Cl.), Bass Clarinet (B. Cl.), Bassoon (Bsn.), Contrabassoon (Cbsn.), Horn (Hn.), Trumpet (Tpts.), Trombone (Tbn.), Bass Trombone (B. Tbn.), Tuba (Tba.), Timpani (Timp.), Crotales (Crot.), Vibraphone (Vib.), Percussion (perc.), Bells (B. D.), Triangle (T.-t.), Cymbals (Cym.), Glockenspiel (Glock.), Celesta (Cel.), Piano (Pno.), Harp (Hp. 1 and Hp. 2), Violin I (Vln. I), Violin II (Vln. II), Viola (Vla.), Violoncello (Vc.), and Double Bass (Db.). The score shows musical notation for each instrument. The Piccolo, Flute, Oboe, Clarinets, Bassoons, Horns, Trumpets, Trombones, Tuba, Crotales, Vibraphone, Triangle, Cymbals, Glockenspiel, Celesta, Piano, Harp, Violins, Viola, Violoncello, and Double Bass parts are mostly silent, indicated by a horizontal line with a bar. The Timpani part has a rhythmic pattern of eighth and sixteenth notes. The Bells part has a rhythmic pattern of eighth notes with accents.

This page of a musical score, numbered 7, contains the following instruments and parts:

- Woodwinds:** Piccolo (Picc.), Flute (Fl.), Oboe (Ob.), Clarinet in A (C. A.), Clarinet in E-flat (E♭ Cl.), Clarinet in C (Cl.), Bass Clarinet (B. Cl.), Bassoon (Bsn.), and Contrabassoon (Cbsn.).
- Brass:** Horn (Hn.), Trumpets (Tpts.), Trombone (Tbn.), Bass Trombone (B. Tbn.), and Tuba (Tba.).
- Percussion:** Timpani (Timp.) with mallets, Crotales (Crot.), Vibraphone (Vib.), Percussion (perc.), Bass Drum (B. D.), Tom-tom (T.-t.), Cymbals (Cym.), Gong (Glock.), and Celesta (Cel.).
- Keyboard:** Piano (Pno.), Harp 1 (Hp. 1), and Harp 2 (Hp. 2).
- Strings:** Violin 1 (Vln. I), Violin 2 (Vln. II), Viola (Vla.), Violoncello (Vc.), and Double Bass (Db.).

The score features several dynamic markings and performance instructions:

- Timpani:** Starts with the instruction "with mallets". It has a *f* (forte) dynamic marking at the end of the first system.
- Percussion (Cym. and Glock.):** Have *mf* (mezzo-forte) dynamic markings with slurs over their parts in the second and third systems.
- Bass Drum (B. D.):** Features a consistent rhythmic pattern of eighth notes with accents throughout the page.

13

Picc. *fff*
unis. sempre

Fl. *fff*

Ob. *fff*

C. A. *fff*

E♭ Cl. *fff*

Cl. *fff*

B. Cl. *fff*

Bsn. *fff*
unis. sempre

Cbsn. *fff*
unis. sempre

Hn. *fff*
unis. sempre

Tpts. *fff*

Tbn. *fff*
unis. sempre

B. Tbn. *fff*

Tba. *fff*

Timp. *fff*

Crot.

Vib.

perc. *fff*

B. D. *fff*

T.-t. *fff*

Cym. *fff*

Cym. *fff*

Glock.

Cel.

Pno.

Hp. 1

Hp. 2

Vln. I *fff*
unis.

Vln. II *fff*
unis.

Vla. *fff*
unis.

Vc. *fff*
unis.

Db. *fff*

17

This page of a musical score, numbered 17, contains the following instruments and parts:

- Woodwinds:** Piccolo (Picc.), Flute (Fl.), Oboe (Ob.), Cor Anglais (C. A.), E-flat Clarinet (E♭ Cl.), Clarinet (Cl.), Bass Clarinet (B. Cl.), Bassoon (Bsn.), and Contrabassoon (Cbsn.).
- Brass:** Horn (Hn.), Trumpets (Tpts.), Trombone (Tbn.), Bass Trombone (B. Tbn.), and Tuba (Tba.).
- Percussion:** Timpani (Timp.), Crotales (Crot.), Vibraphone (Vib.), Percussion (perc.), Bass Drum (B. D.), Tom-tom (T.-t.), Cymbals (Cym.), and Glockenspiel (Glock.).
- Keyboard:** Celesta (Cel.), Piano (Pno.), and two Harp parts (Hp. 1 and Hp. 2).
- Strings:** Violin I (Vln. I), Violin II (Vln. II), Viola (Vla.), Violoncello (Vc.), and Double Bass (Db.).

The score is written in a standard orchestral format with multiple staves per instrument. The woodwinds and strings are playing sustained notes with long slurs. The percussion section includes a rhythmic pattern in the Timpani part, while other percussion instruments are mostly silent. The string parts are also sustained, with some double basses showing a rhythmic pattern in the lower register.

2/

Picc.
Fl.
Ob.
C. A.
E♭ Cl.
Cl.
B. Cl.
Bsn.
Cbsn.
Hn.
Tpts.
Tbn.
B. Tbn.
Tba.
Timp.
Crot.
Vib.
perc.
B. D.
T.-t.
Cym.
Cym.
Glock.
Cel.
Pno.
Hp. 1
Hp. 2
Vln. I
Vln. II
Vla.
Vc.
Db.

25

Picc.
Fl.
Ob.
C. A.
E♭ Cl.
Cl.
B. Cl.
Bsn.
Cbsn.
Hn.
Tpts.
Tbn.
B. Tbn.
Tba.
Timp.
Crot.
Vib.
perc.
B. D.
T.-t.
Cym.
Cym.
Glock.
Cel.
Pno.
Hp. 1
Hp. 2
Vln. I
Vln. II
Vla.
Vc.
Db.

The musical score for page 25 consists of 32 staves. The instruments listed on the left are: Piccolo, Flute, Oboe, Clarinet in A, Clarinet in E-flat, Clarinet in C, Bass Clarinet, Bassoon, Contrabassoon, Horn, Trumpet, Trombone, Baritone Trombone, Tuba, Timpani, Crotales, Vibraphone, Percussion, Bass Drum, Tom-tom, Cymbal, Cymbal, Glockenspiel, Celesta, Piano, Harp 1, Harp 2, Violin I, Violin II, Viola, Violoncello, and Double Bass. The score is mostly blank, with some musical notation in the Timpani and Bass Drum parts. The Timpani part starts with a *ff* dynamic and features a rhythmic pattern of eighth and sixteenth notes. The Bass Drum part also starts with a *ff* dynamic and features a rhythmic pattern of eighth notes. The rest of the score is blank.

29

Picc.

Fl.

Ob.

C. A.

E♭ Cl.

Cl.

B. Cl.

Bsn.

Cbsn.

Hn.

Tpts.

Tbn.

B. Tbn.

Tba.

Timp.

Crot.

Vib.

perc.

B. D.

T.-t.

Cym.

Cym.

Glock.

Cel.

Pno.

Hp. 1

Hp. 2

Vln. I

Vln. II

Vla.

Vc.

Db.

33

This page of a musical score, numbered 33, contains the following instruments and parts:

- Picc.** Piccolo
- Fl.** Flute
- Ob.** Oboe
- C. A.** Clarinet in A
- E♭ Cl.** Clarinet in E-flat
- Cl.** Clarinet
- B. Cl.** Bass Clarinet
- Bsn.** Bassoon
- Cbsn.** Contrabassoon
- Hn.** Horn (two staves)
- Tpts.** Trumpets (two staves)
- Tbn.** Trombone
- B. Tbn.** Bass Trombone
- Tba.** Tuba
- Timp.** Timpani
- Crot.** Crotales
- Vib.** Vibraphone
- perc.** Percussion
- B. D.** Bass Drum
- T.-t.** Tom-toms
- Cym.** Cymbals (two staves)
- Glock.** Glockenspiel
- Cel.** Celesta
- Pno.** Piano
- Hp. 1** and **Hp. 2** Harp
- Vln. I** and **Vln. II** Violins
- Vla.** Viola
- Vc.** Violoncello
- Db.** Double Bass

The score includes various musical notations such as notes, rests, slurs, and dynamic markings. The dynamic marking *mf* (mezzo-forte) is prominently used in the woodwind and string sections. The percussion parts feature rhythmic patterns with accents and slurs. The string parts consist of sustained notes with slurs.

37

Picc. *fff*

Fl. *fff*

Ob. *fff*

C. A. *fff*

E♭ Cl. *fff*

Cl. *fff*

B. Cl. *fff*

Bsn. *fff*

Cbsn. *fff*

Hn. *fff*

Tpts. *fff*

Tbn. *fff*

B. Tbn. *fff*

Tba. *fff*

Timp. *fff*

Crot. -

Vib. -

perc. -

B. D. *fff*

T.-t. -

Cym. -

Cym. -

Glock. -

Cel. -

Pno. -

Hp. 1 -

Hp. 2 -

Vln. I *fff*

Vln. II *fff*

Vla. *fff*

Vc. *fff*

Db. *fff*

41

Picc.
Fl.
Ob.
C. A.
E♭ Cl.
Cl.
B. Cl.
Bsn.
Cbsn.
Hn.
Tpts.
Tbn.
B. Tbn.
Tba.
Timp.
Crot.
Vib.
perc.
B. D.
T.-t.
Cym.
Cym.
Glock.
Cel.
Pno.
Hp. 1
Hp. 2
Vln. I
Vln. II
Vla.
Vc.
Db.

This page of a musical score, numbered 41, contains 32 staves. The top section includes woodwinds (Piccolo, Flute, Oboe, Cor Anglais, E-flat Clarinet, Clarinet, Bass Clarinet, Bassoon, Contrabassoon) and brass (Horn, Trumpet, Trombone, Tuba). The middle section features percussion (Timpani, Crotales, Vibraphone, Snare Drum, Tom-tom, Cymbals, Gong, Celesta, Piano, Harp 1, Harp 2). The bottom section is for strings (Violin I, Violin II, Viola, Violoncello, Double Bass). The woodwinds and strings play sustained notes with long slurs, while the timpani has a rhythmic pattern. The percussion instruments are mostly silent.

45

Picc.
Fl.
Ob.
C. A.
E♭ Cl.
Cl.
B. Cl.
Bsn.
Cbsn.
Hn.
Tpts.
Tbn.
B. Tbn.
Tba.
Timp.
Crot.
Vib.
perc.
B. D.
T.-t.
Cym.
Cym.
Glock.
Cel.
Pno.
Hp. 1
Hp. 2
Vln. I
Vln. II
Vla.
Vc.
Db.

49

Picc.

Fl.

Ob.

C. A.

Eb Cl.

Cl.

B. Cl.

Bsn.

Cbsn.

Hn.

Tpts.

Tbn.

B. Tbn.

Tba.

Timp.

Crot.

Vib.

perc.

B. D.

T.-t.

Cym.

Cym.

Glock.

Cel.

Pno.

Hp. 1

Hp. 2

Vln. I

Vln. II

Vla.

Vc.

Db.

fff

fff

fff

fff

53

Picc.

Fl.

Ob.

C. A.

E♭ Cl.

Cl.

B. Cl.

Bsn.

Cbsn.

Hn.

Tpts.

Tbn.

B. Tbn.

Tba.

Timp.

Crot.

Vib.

perc.

B. D.

T.-t.

Cym.

Cym.

Glock.

Cel.

Pno.

Hp. 1

Hp. 2

Vln. I

Vln. II

Vla.

Vc.

Db.

pizz.

ff

57

Picc.

Fl.

Ob.

C. A.

E♭ Cl.

Cl.

B. Cl.

Bsn.

Cbsn.

Hn.

Tpts.

Tbn.

B. Tbn.

Tba.

Timp.

Crot.

Vib.

perc.

B. D.

T.-t.

Cym.

Cym.

Glock.

Cel.

Pno.

Hp. 1

Hp. 2

Vln. I

Vln. II

Vla.

Vc.

Db.

61

Picc. *ff*

Fl. *ff*

Ob. *ff*

C. A. *ff*

E♭ Cl. *ff*

Cl. *ff*

B. Cl. *ff*

Bsn. *ff*

Cbsn. *ff*

Hr. *ff*

Tpts. *ff*

Tbn. *ff*

B. Tbn. *ff*

Tba. *ff*

Timp. *ff*

Crot. *ff*

Vib. *ff*

perc. *ff*

B. D. *ff*

T.-t. *ff*

Cym. *ff*

Glock. *ff*

Cel. *ff*

Pno. *ff*

Hp. 1 *ff*

Hp. 2 *ff*

Vln. I *ff* (pizz.)

Vln. II *ff* (pizz.)

Vla. *ff* (pizz.)

Vc. *ff* (pizz.)

Db. *ff* (pizz.)

65

Picc.

Fl.

Ob.

C. A.

E♭ Cl.

Cl.

B. Cl.

Bsn.

Cbsn.

Hn.

Tpts.

Tbn.

B. Tbn.

Tba.

Timp.

Crot.

Vib.

perc.

B. D.

T.-t.

Cym.

Cym.

Glock.

Cel.

Pno.

Hp. 1

Hp. 2

Vln. I

Vln. II

Vla.

Vc.

Db.

ff

ff

ff

ff

ff

ff

(pizz.)

(pizz.)

(pizz.)

(pizz.)

(pizz.)

(pizz.)

69

Picc.

Fl.

Ob.

C. A.

E♭ Cl.

Cl.

B. Cl.

Bsn.

Cbsn.

Hn.

Tpts.

Tbn.

B. Tbn.

Tba.

Timp.

Crot.

Vib.

perc.

B. D.

T.-t.

Cym.

Cym.

Glock.

Cel.

Pno.

Hp. 1

Hp. 2

Vln. I

Vln. II

Vla.

Vc.

Db.

73

Picc.

Fl.

Ob.

C. A.

E♭ Cl.

Cl.

B. Cl.

Bsn.

Cbsn.

Hn.

Tpts.

Tbn.

B. Tbn.

Tba.

Timp.

Crot.

Vib.

perc.

B. D.

T.-t.

Cym.

Cym.

Glock.

Cel.

Pno.

Hp. 1

Hp. 2

Vln. I

Vln. II

Vla.

Vc.

Db.

f.t.

ff

(pizz.)

77

Picc. Fl. Ob. C. A. E♭ Cl. Cl. B. Cl. Bsn. Cbsn. Hn. Tpts. Tbn. B. Tbn. Tba. Timp. Cro. Vib. perc. B. D. T.-t. Cym. Cym. Glock. Cel. Pno. Hp. 1 Hp. 2 Vln. I Vln. II Vla. Vc. Db.

ff

ff

85

Picc.

Fl.

Ob.

C. A.

E♭ Cl.

Cl.

B. Cl.

Bsn.

Cbsn.

Hn.

Tpts.

Tbn.

B. Tbn.

Tba.

Timp.

Crot.

Vib.

perc.

B. D.

T.-t.

Cym.

Cym.

Glock.

Cel.

Pno.

Hp. 1

Hp. 2

Vln. I

Vln. II

Vla.

Vc.

Db.

89

Picc. *fff sempre*

Fl. *fff sempre*

Ob. *fff sempre*

C. A. *fff sempre*

E♭ Cl. *fff sempre*

Cl. *fff sempre*

B. Cl. *fff sempre*

Bsn. *fff sempre*

Cbsn. *fff sempre*

Hn. *fff sempre*

Tpts. *fff sempre*

Tbn. *fff sempre*

B. Tbn. *fff sempre*

Tba. *fff sempre*

Timp. *fff sempre*

Crot. *fff sempre*

Vib. *fff*

perc. *fff sempre*

B. D. *fff sempre*

T.-t. *fff sempre*

Cym. *fff sempre*

Glock. *fff sempre*

Cel. *fff*

Pno. *fff sempre*

Hp. 1 *fff*

Hp. 2 *fff*

Vln. I *fff sempre* arco *pizz.*

Vln. II *fff sempre* arco *pizz.*

Vla. *fff sempre* arco *pizz.*

Vc. *fff sempre* arco *pizz.*

Db. *fff sempre* arco *pizz.*

93

Picc.
Fl.
Ob.
C. A.
Eb Cl.
Cl.
B. Cl.
Bsn.
Cbsn.
Hn.
Tpts.
Tbn.
B. Tbn.
Tba.
Timp.
Crot.
Vib.
perc.
B. D.
T.-t.
Cym.
Cym.
Glock.
Cel.
Pno.
Hp. 1
Hp. 2
Vln. I
Vln. II
Vla.
Vc.
Db.

II. The String(s) Theory

Otherworldly ♩=60

Woodwinds: Piccolo, Flute, Oboe, Cor Anglais, Clarinet in E \flat , Clarinet in B \flat , Bass Clarinet in B \flat , Bassoon, Contrabassoon.

Brass: Horn in F, Trumpet in B \flat , Trombone, Bass Trombone, Tuba.

Percussion: Timpani, Crotales, Vibraphone (with bow, *ppp*, Lv.), Multipercussion set, Bass Drum, Tam-tam, Cymbals, Glockenspiel.

Other Instruments: Celesta, Piano, Harp 1, Harp 2.

String Section: Violin I, Violin II, Viola, Violoncello, Double Bass.

Performance Instructions: *ppp*, *ESP*, *unis.*, *div. ord.*, *with bow*, *Lv.*, *mute the piano strings*.

5

Picc.
Fl.
Ob.
C. A.
E♭ Cl.
Cl.
B. Cl.
Bsn.
Cbsn.
Hn.
Tpts.
Tbn.
B. Tbn.
Tba.
Timp.
Crot.
Vib.
perc.
B. D.
T.-t.
Cym.
Cym.
Glock.
Cel.
Pno.
Hp. 1
Hp. 2
Vln. I
Vln. II
Vla.
Vc.
Db.

musical notation: rests, beams, dynamic markings (p, unis.), articulation marks (accents, staccato), and performance instructions.

This page of a musical score, page 31, contains the following instruments and parts:

- Woodwinds:** Piccolo (Picc.), Flute (Fl.), Oboe (Ob.), Cor Anglais (C. A.), E-flat Clarinet (E♭ Cl.), Clarinet (Cl.), Bass Clarinet (B. Cl.), Bassoon (Bsn.), and Contrabassoon (Cbsn.).
- Brass:** Horns (Hn.), Trumpets (Tpts.), Trombones (Tbn.), Baritone Trombone (B. Tbn.), and Tuba (Tba.).
- Percussion:** Timpani (Timp.), Crotales (Crot.), Vibraphone (Vib.), Percussion (perc.), Bass Drum (B. D.), Tom-tom (T.-t.), Cymbals (Cym.), and Glockenspiel (Glock.).
- Keyboard:** Celesta (Cel.), Piano (Pno.), and Harp (Hp. 1, Hp. 2).
- Strings:** Violin I (Vln. I), Violin II (Vln. II), Viola (Vla.), Violoncello (Vc.), and Double Bass (Db.).

Key performance markings include *p* (piano), *PPP* (pianississimo), and *unis. sempre* (unison throughout). The score shows complex textures with many notes and rests across the various instruments.

This page of a musical score, page 32, features a variety of instruments and vocal parts. The woodwind section includes Piccolo, Flute, Oboe, Cor Anglais, E-flat Clarinet, Clarinet, Bass Clarinet, Bassoon, and Contrabassoon. The brass section consists of Horns, Trumpets, Trombones, and Tuba. Percussion includes Timpani, Crotales, Vibraphone, Snare Drum, Tom-toms, Cymbals, and Glockenspiel. The string section includes Violin I, Violin II, Viola, Violoncello, and Double Bass. The harp is represented by two parts, and the piano part is shown on grand staff notation. The vocal parts include Soprano, Alto, Tenor, and Bass, with lyrics such as "play and sing" and "Mmm". The score includes dynamic markings like *ppp*, *p*, and *pp*, and performance instructions such as "with bow l.v." and "unis.". The music is written in a common time signature, with a key signature of one sharp (F#).

18

Picc. *go from fundamentals to as high as possible in the harmonic series and then back*

Fl. *p*

Ob. *f.t.* *ppp* *p* *f.t.* *ppp* *p* *f.t.*

C. A. *f.t.* *ppp* *p* *f.t.* *ppp* *p* *f.t.*

E♭ Cl. *f.t.* *ppp* *p* *f.t.* *ppp* *p* *f.t.*

Cl. 181 *ppp*

B. Cl.

Bsn.

Cbsn.

Hn.

Tpts.

Tbn.

B. Tbn.

Tba.

Timp.

Crot.

Vib. *with bow, l.v.* *p*

perc.

B. D.

T.-t.

Cym.

Cym.

Glock.

Cel.

Pno.

Hp. 1

Hp. 2

Vln. I

Vln. II

Vla.

Vc. *ESP* *p*

Db. *unis. ESP* *p* *simile* *IV III II I* *IV III II I*

21

Picc. go from fundamentals to as high as possible in the harmonic series and then back

Fl. *p*

Ob. *ppp* *p* f.t.

C. A. *ppp* *p* f.t.

E♭ Cl. *ppp* *p* f.t.

Cl. 192 go from fundamentals to harmonic tones and then back

B. Cl.

Bsn.

Cbsn.

Hn. *mf* Mmm

Tpts. *mf* Mmm

Tbn.

B. Tbn.

Tba.

Timp.

Crot. *p*

Vib.

perc.

B. D.

T.-t.

Cym.

Cym.

Glock.

Cel.

(on the string)

Pno. *mp*

Hp. 1

Hp. 2

Vln. I *ppp* div. (ESP)

Vln. II *ppp* div. (ESP)

Vla. *ppp*

Vc. *f* *p*

Db.

23

Picc. go from fundamentals to as high as possible in the harmonic series and then back

Fl. *p*

Ob.

C. A.

E♭ Cl.

Cl. 158 *mf*

B. Cl.

Bsn.

Cbsn.

Hn.

Tpts.

Tbn.

B. Tbn.

Tba.

Timp.

Crot. *f*

Vib.

perc.

B. D.

T.-t.

Cym.

Cym. Bow a cymbal like a thunder sheet. Result: noisy spectral sound.

Glock.

Cel.

Pno.

Hp. 1

Hp. 2

Vln. I *ppp*

Vln. II *ppp*

Vla. *ppp*

Vc. *p*

Db.

ord

SF ST

go from fundamentals to harmonic tones and then back

Bow a crotales like a thunder sheet. Result: noisy spectral sound.

25

Picc. Fl. Ob. C. A. E♭ Cl. Cl. B. Cl. Bsn. Cbsn.

Hn. *ff* Tpts. *ff* Tbn. B. Tbn. Tba.

Timp. *f* Croc. *p* Vib. *p*

perc. B. D. T.-t. Cym. Cym. Glock. *p* Cel. *mf* *mf*

Pno. *mf* *mf*

Hp. 1 Hp. 2

Vln. I *ord.* Vln. II *ord.* Vla. *ord.*

as fast as possible

tr. *mf* Db. *f* *ord.* *p*

29

Picc. Fl. Ob. C. A. Eb Cl. Cl. B. Cl. Bsn. Cbsn. Hn. Tpts. Tbn. B. Tbn. Tba. Timp. Croc. Vib. perc. B. D. T.-t. Cym. Cym. Glock. Cel. Pno. Hp. 1 Hp. 2 Vln. I Vln. II Vla. Db.

as fast as possible

ord. wide vibrato

f *pp* *f* wide vibrato

33

Picc. Fl. Ob. C. A. Eb Cl. Cl. B. Cl. Bsn. Cbsn. Hn. Tpts. Tbn. B. Tbn. Tba. Timp. Croc. Vib. perc. B. D. T.-t. Cym. Cym. Glock. Cel. Pno. Hp. 1 Hp. 2 Vln. I Vln. II Vla. Vc. Db.

col legno battuto, irregular jeté

col legno battuto, irregular jeté

ord.

col legno battuto, irregular jeté

col legno battuto

ord.

pizz.

arco

pizz.

37

Picc. Fl. Ob. C. A. E♭ Cl. Cl. B. Cl. Bsn. Cbsn. Hn. Tpts. Tbn. B. Tbn. Tba. Timp. Cro. Vib. perc. B. D. T.-t. Cym. Cym. Glock. Cel. Pno. Hp. 1 Hp. 2 Vln. I Vln. II Vla. Vc. Db.

The musical score is arranged in a standard orchestral format. The woodwind section (Piccolo, Flute, Oboe, Clarinet in A, Clarinet in E-flat, Clarinet, Bass Clarinet, Bassoon, Contrabassoon) and brass section (Horn, Trumpet, Trombone, Tuba, Timpani, Crotales, Vibraphone) are mostly silent. The percussion section (Percussion, Bells, Tom-toms, Cymbals, Glockenspiel, Celesta) is also silent. The piano part features a complex texture with multiple layers of notes, including a section labeled 'spectral' with a '5' above it. The string section (Violin I, Violin II, Viola, Violoncello, Double Bass) has a melodic line in the cello and double bass parts, with dynamic markings like 'ppp', 'f', and 'arco'. The double bass part includes a section labeled 'ord.' and 'arco'.

41

Picc. Fl. Ob. C. A. Eb Cl. Cl. B. Cl. Bsn. Cbsn. Hn. Tpts. Tbn. B. Tbn. Tba. Timp. Crot. Vib. perc. B. D. T.-t. Cym. Cym. Glock. Cel. Pno. Hp. 1 Hp. 2 Vln. I Vln. II Vla. Vc. Db.

f *unis. sempre* *f* *mp* *f* *ff* *div.* *unis.* *ff* *ff* *ff*

spectral spectral spectral spectral spectral

45

Picc. 15" 15" 15" 15"

Fl. 15" 15" 15" 15"

Ob. 15" 15" 15" 15"

C. A. 15" 15" 15" 15"

E♭ Cl. 15" 15" 15" 15"

Cl. 15" 15" 15" 15"

B. Cl. 15" 15" 15" 15"

Bsn. 15" 15" 15" 15"

Cbsn. 15" 15" 15" 15"

Hn. 15" 15" 15" 15"

Tpts. 15" 15" 15" 15"

Tbn. 15" 15" 15" 15"

B. Tbn. 15" 15" 15" 15"

Tba. 15" 15" 15" 15"

Timp. 15" 15" 15" 15"

Crot. 15" *f* Bow crotales like a thunder sheet. Result: noisy spectral sound. 45"

Vib. 15" 15" 15" 15"

perc. 15" 15" 15" 15"

B. D. 15" 15" 15" 15"

T.-t. 15" 15" 15" 15"

Cym. 15" 15" 15" 15"

Cym. 15" *f* Bow a cymbal and music stand like a thunder sheet. Result: noisy spectral sound. 1'

Glock. 15" 15" 15" 15"

Cel. 15" 15" 15" 15"

Pno. 15" 15" 30" superballet mallet glissando on a few strings, then on the struts

Hp. 1 15" 15" 15" 15"

Hp. 2 15" 15" 15" 15"

Vln. I 15" *p* 15" 15" 15"

Vln. II 15" *p* 15" 15" 15"

Vla. 15" *p* 15" 15" 15"

Vc. 15" 15" 15" 15"

Db. 15" 15" 15" 15"

49

Picc. Fl. Ob. C. A. Eb Cl. Cl. B. Cl. Bsn. Cbsn. Hn. Tpts. Tbn. B. Tbn. Tba. Timp. Croc. Vib. perc. B. D. T.-t. Cym. Cym. Glock. Cel. Pno. Hp. 1 Hp. 2 Vln. I Vln. II Vla. Vc. Db.

The musical score for page 42, measures 49-52, is arranged in a standard orchestral format. The woodwind section (Piccolo, Flute, Oboe, Clarinet in A, Clarinet in E-flat, Clarinet, Bass Clarinet, Bassoon, and Contrabassoon) and brass section (Horn, Trumpet, Trombone, and Tuba) are currently silent. The percussion section includes Timpani, Crotales, Vibraphone, and various other percussion instruments. The string section (Violin I, Violin II, Viola, Violoncello, and Double Bass) plays a unison passage marked 'unis.' and 'p'. The piano part (Piano) features complex chordal textures with dynamic markings like *p* and *pp*. The harp parts (Hp. 1 and Hp. 2) play a tremolo accompaniment marked *pp*.

53

Picc. Fl. Ob. C. A. Eb Cl. Cl. B. Cl. Bsn. Cbsn. Hn. Tpts. Tbn. B. Tbn. Tba. Timp. Croc. Vib. perc. B. D. T.-t. Cym. Cym. Glock. Cel. Pno. Hp. 1 Hp. 2 Vln. I Vln. II Vla. Vc. Db.

The musical score for page 53 is arranged in a standard orchestral format. The woodwind section (Piccolo, Flute, Oboe, Clarinet in A, E-flat Clarinet, Clarinet, Bass Clarinet, Bassoon, Contrabassoon) and string section (Violin I, Violin II, Viola, Violoncello, Double Bass) are the primary focus. The percussion section includes Crotales, Vibraphone, Percussion, Bells, Tom-toms, Cymbals, and Glockenspiel. The score features several melodic lines, particularly in the Violin I, Violin II, and Viola parts, which include dynamic markings such as *pp* and *ESP*. The woodwinds and strings play a melodic line starting at measure 53, marked with a *p* dynamic. The percussion section includes a rhythmic pattern in the Crotales and Vibraphone parts, also marked with a *p* dynamic. The score is written in a common time signature and features a variety of musical notations, including rests, melodic lines, and dynamic markings.

57

Picc. *ppp* B^{\flat}

Fl. *ppp* B^{\flat}

Ob. *ppp* B^{\flat}

C. A. *ppp* B^{\flat}

E \flat Cl. *ppp* B^{\flat}

Cl. *ppp* B^{\flat}

B. Cl. *ppp* B^{\flat}

Bsn. *ppp* B^{\flat}

Cbsn. *ppp* B^{\flat}

Hn.

Tpts.

Tbn.

B. Tbn.

Tba.

Timp.

Crot.

Vib.

perc.

B. D.

T.-t.

Cym.

Cym.

Glock.

Cel.

Pno.

Hp. 1

Hp. 2

Vln. I *ppp* B^{\flat} div. ord. ESP

Vln. II *ppp* B^{\flat} div. ord. ESP

Vla. *ppp* B^{\flat} div. ord. ESP

Vc. B^{\flat}

Db. B^{\flat}

61

Picc. Fl. Ob. C. A. E♭ Cl. Cl. B. Cl. Bsn. Cbsn.

Hn. Tpts. Tbn. B. Tbn. Tba.

Timp. Croc. Vib. perc. B. D. T.-t. Cym. Cym. Glock. Cel. Pno. Hp. 1 Hp. 2 Vln. I Vln. II Vla. Vc. Db.

ppp

ppp

ppp

ppp

ESP

ord.

ord.

ord.

65

Picc. *ppp*

Fl. *ppp*

Ob. *ppp*

C. A. *ppp*

E♭ Cl. *ppp*

Cl. *ppp*

B. Cl. *ppp*

Bsn. *ppp*

Cbsn. *ppp*

Hn. *ppp*

Tpts. *ppp*

Tbn. *ppp*

B. Tbn. *ppp*

Tba. *ppp*

Timp. *ppp*

Crot. *ppp*

Vib. *ppp*

perc. *ppp*

B. D. *ppp*

T.-t. *ppp*

Cym. *ppp*

Cym. *ppp*

Glock. *ppp*

Cel. *ppp*

Pno. *ppp*

Hp. 1 *ppp*

Hp. 2 *ppp*

Vln. I *ppp*

Vln. II *ppp*

Vla. *ppp*

Vc. *ppp*

Db. *ppp*

69

Picc. Fl. Ob. C. A. Eb Cl. Cl. B. Cl. Bsn. Cbsn.

Hn. Tpts. Tbn. B. Tbn. Tba.

Timp. Croc. Vib.

perc. B. D. T.-t. Cym. Cym. Glock. Cel. Pno.

Hp. 1 *ppp* Hp. 2 *ppp*

Vln. I *ppp* Vln. II *ppp* Vla. *ppp* Vc. *ppp* Db.

ESP

III. Plucking Constant

1 **Nervoso** $\text{♩} = 140$

The score is divided into two systems. The first system includes Piccolo, Flute, Oboe, Cor Anglais, Clarinet in E \flat , Clarinet in B \flat , Bass Clarinet in B \flat , Bassoon, Contrabassoon, Horn in F, Trumpet in B \flat , Trombone, Bass Trombone, and Tuba. The second system includes Timpani, Crotales, Vibraphone, Multipercussion set, Bass Drum, Tam-tam, Cymbals, Glockenspiel, Celesta, Piano, Harp 1, Harp 2, Violin I, Violin II, Viola, Violoncello, and Double Bass. The Piccolo and Flute parts feature a melodic line starting with a *p* dynamic and moving to *ff*. The Oboe, Cor Anglais, Clarinet in E \flat , Clarinet in B \flat , Bass Clarinet in B \flat , Bassoon, and Contrabassoon parts have rests until the fourth measure, where they enter with a *p* dynamic. The Vibraphone part has a rhythmic pattern starting in the fourth measure with a *p* dynamic. The string parts (Violin I, Violin II, Viola, Violoncello, and Double Bass) have rests until the fourth measure, where they enter with a *ff* dynamic and *unis. sempre pizz.* instruction. The Harp parts have rests throughout. The Percussion parts (Timpani, Crotales, Multipercussion set, Bass Drum, Tam-tam, Cymbals, Glockenspiel) have rests throughout.

9

Picc.

Fl.

Ob.

C. A.

E♭ Cl.

Cl.

B. Cl.

Bsn.

Cbsn.

Hn.

Tpts.

Tbn.

B. Tbn.

Tba.

Timp.

Crot.

Vib.

perc.

B. D.

T.-t.

Cym.

Cym.

Glock.

Cel.

Pno.

Hp. 1

Hp. 2

Vln. I

Vln. II

Vla.

Vc.

Db.

ff sempre

ff sempre

v.

14

Picc.

Fl.

Ob.

C. A.

E♭ Cl.

Cl.

B. Cl.

Bsn.

Cbsn.

Hn.

Tpts.

Tbn.

B. Tbn.

Tba.

Timp.

Crot.

Vib.

perc.

B. D.

T.-t.

Cym.

Cym.

Glock.

Cel.

Pno.

Hp. 1

Hp. 2

Vln. I

Vln. II

Vla.

Vc.

Db.

p

f

ff

18

Picc. *ff*

Fl. *ff*

Ob. *ff*

C. A. *ff*

E♭ Cl. *ff*

Cl. *ff*

B. Cl. *ff*

Bsn. *ff*

Cbsn. *ff*

Hn. *ff*
unis. sempre

Tpts. *ff*

Tbn. *ff*

B. Tbn. *ff*

Tba. *ff*

Timp. *ff*

Crot. *ff*

Vib. *ff*

perc. *ff*

B. D. *ff*

T.-t. *ff*

Cym. *ff*

Glock. *ff*

Cel. *ff*

Pno. *ff*

Hp. 1 *ff*

Hp. 2 *ff*

Vln. I *ff*

Vln. II *ff*

Vla. *ff*

Vc. *ff*

Db. *ff*

22

Picc. Fl. Ob. C. A. Eb Cl. Cl. B. Cl. Bsn. Cbsn. Hn. Tpts. Tbn. B. Tbn. Tba. Timp. Croc. Vib. perc. B. D. T.-t. Cym. Cym. Glock. Cel. Pno. Hp. 1. Hp. 2. Vln. I. Vln. II. Vla. Vc. Db.

p *ff sempre* *ff* *ord. scratch tone* *p* *ff sempre* *ord. scratch tone* *ff sempre* *ord. scratch tone* *ff sempre* *ord.* *ord.* *ff sempre* *ff sempre*

26

Picc. *ff sempre*

Fl. *ff sempre*

Ob. *ff sempre*

C. A. *ff sempre*

E♭ Cl. *ff sempre*

Cl. *ff sempre*

B. Cl.

Bsn.

Cbsn.

Hn. *ff sempre*

Tpts. *ff sempre*

Tbn. *ff sempre*

B. Tbn.

Tba.

Timp. *ff*

Crot.

Vib.

perc.

B. D. *ff*

T.-t.

Cym.

Cym.

Glock.

Cel.

Pno.

Hp. 1

Hp. 2

Vln. I *ESP*

Vln. II *ESP*

Vla. *ESP* scratch tone

Vc. *ESP*

Db.

30

Picc.

Fl.

Ob.

C. A.

E♭ Cl.

Cl.

B. Cl.

Bsn.

Cbsn.

Hn.

Tpts.

Tbn.

B. Tbn.

Tba.

Timp.

Crot.

Vib.

perc.

B. D.

T.-t.

Cym.

Cym.

Glock.

Cel.

Pno.

Hp. 1

Hp. 2

Vln. I

Vln. II

Vla.

Vc.

Db.

ff sempre

ord.

ord.

pizz.

pizz.

pizz.

This page of a musical score, numbered 56, contains the following parts and markings:

- Woodwinds:** Piccolo (Picc.), Flute (Fl.), Oboe (Ob.), Cor Anglais (C. A.), Eb Clarinet (Eb Cl.), Clarinet (Cl.), Bass Clarinet (B. Cl.), Bassoon (Bsn.), and Contrabassoon (Cbsn.).
- Brass:** Horns (Hn.), Trumpets (Tpts.), Trombone (Tbn.), Baritone Trombone (B. Tbn.), and Tuba (Tba.).
- Strings:** Violin I (Vln. I), Violin II (Vln. II), Viola (Vla.), Violoncello (Vc.), and Double Bass (Db.).
- Percussion:** Timpani (Timp.), Crotales (Crot.), Vibraphone (Vib.), Percussion (perc.), Bass Drum (B. D.), Tom-tom (T.-t.), Cymbals (Cym.), and Glockenspiel (Glock.).
- Other:** Piano (Pno.), Harp I (Hp. 1), and Harp II (Hp. 2).

Key performance markings include:

- Jet:** Indicated by arrows above the Piccolo and Flute staves.
- S.t.:** Staccato markings above the Oboe, Cor Anglais, Eb Clarinet, and Clarinet staves.
- ff sempre:** Fortissimo markings for the Trombone, Baritone Trombone, and Tuba staves.
- ff:** Fortissimo markings for the Bass Drum and Cymbals.
- ord. arco:** Ordine arco marking for the Viola.
- pizz.:** Pizzicato markings for the Violin I, Violin II, and Viola staves.
- (pizz.):** Pizzicato markings for the Violoncello and Double Bass staves.

38

Picc. Fl. Ob. C. A. Eb Cl. Cl. B. Cl. Bsn. Cbsn. Hn. Tpts. Tbn. B. Tbn. Tba. Timp. Croc. Vib. perc. B. D. T.-t. Cym. Cym. Glock. Cel. Pno. Hp. 1 Hp. 2 Vln. I Vln. II Vla. Vc. Db.

Musical score for page 38, featuring a full orchestral ensemble including woodwinds, brass, strings, and percussion. The score is in 4/4 time and includes various performance instructions such as *ord.*, *pizz.*, *arco*, and *ff*.

42

Picc.

Fl.

Ob.

C. A.

E♭ Cl.

Cl.

B. Cl.

Bsn.

Cbsn.

Hn.

Tpts.

Tbn.

B. Tbn.

Tba.

Timp.

Crot.

Vib.

perc.

B. D.

T.-t.

Cym.

Cym.

Glock.

Cel.

Pno.

Hp. 1

Hp. 2

Vln. I

Vln. II

Vla.

Vc.

Db.

pizz.

pizz.

pizz.

(pizz.)

(pizz.)

46

Picc.

Fl.

Ob.

C. A.

E♭ Cl.

Cl.

B. Cl.

Bsn.

Cbsn.

Hn.

Tpts.

Tbn.

B. Tbn.

Tba.

Timp.

Crot.

Vib.

perc.

B. D.

T.-t.

Cym.

Cym.

Glock.

Cel.

Pno.

Hp. 1

Hp. 2

Vln. I

Vln. II

Vla.

Vc.

Db.

s.t.

Vcl.

50

Picc. Fl. Ob. C. A. Eb Cl. Cl. B. Cl. Bsn. Cbsn. Hn. Tpts. Tbn. B. Tbn. Tba. Timp. Croc. Vib. perc. B. D. T.-t. Cym. Cym. Glock. Cel. Pno. Hp. 1 Hp. 2 Vln. I Vln. II Vla. Vc. Db.

54

Picc. Fl. Ob. C. A. Eb Cl. Cl. B. Cl. Bsn. Cbsn. Hn. Tpts. Tbn. B. Tbn. Tba. Timp. Croc. Vib. perc. B. D. T.-t. Cym. Cym. Glock. Cel. Pno. Hp. 1. Hp. 2. Vln. I. Vln. II. Vla. Vc. Db.

The score is arranged in a standard orchestral layout. The woodwind section (Piccolo, Flute, Oboe, Cor Anglais, E-flat Clarinet, Clarinet, Bass Clarinet, Bassoon, Contrabassoon) and brass section (Horn, Trumpet, Trombone, Tuba) are in the upper half. The percussion section (Timpani, Crotales, Vibraphone, Snare Drum, Tom-tom, Cymbals, Glockenspiel, Celeste) is in the middle. The piano and harp are in the lower half. The string section (Violin I, Violin II, Viola, Violoncello, Double Bass) is at the bottom. The score includes various musical notations such as notes, rests, and dynamic markings like 'ff' and 'ESP'. The page number '54' is written at the top left of the first staff.

57 $\text{♩} = 60$

Picc. mf

Fl. T.R.

Ob. mf

C. A. mf

E♭ Cl.

Cl. s.t.

B. Cl.

Bsn.

Cbsn.

Hn.

Tpts.

Tbn.

B. Tbn.

Tba.

Timp. p

Crot.

Vib. p

perc.

B. D.

T.-t.

Cym.

Cym.

Glock.

Cel. Lv.

Pno. p

Hp. 1

Hp. 2

Vln. I. $l.v.$ pizz. p col legno battuto

Vln. II. $l.v.$ pizz. p col legno battuto

Vla. $l.v.$ pizz. p col legno battuto

Vc. $l.v.$ pizz. (pizz.) p col legno battuto

Db. $l.v.$ pizz.

60

This page of a musical score, numbered 60 at the top left, contains staves for various instruments. The woodwind section includes Piccolo (Picc.), Flute (Fl.), Oboe (Ob.), Cor Anglais (C. A.), E-flat Clarinet (Eb Cl.), Clarinet (Cl.), Bass Clarinet (B. Cl.), Bassoon (Bsn.), and Contrabassoon (Cbsn.). The string section includes Horns (Hn.), Trumpets (Tpts.), Trombones (Tbn., B. Tbn., Tba.), Timpani (Timp.), Crotales (Crot.), Vibraphone (Vib.), Percussion (perc.), Bass Drum (B. D.), Tom-toms (T.-t.), Cymbals (Cym.), Glockenspiel (Glock.), and Celesta (Cel.). The keyboard section includes Piano (Pno.), Harp 1 (Hp. 1), and Harp 2 (Hp. 2). The string section continues with Violin I (Vln. I), Violin II (Vln. II), Viola (Vla.), Violoncello (Vc.), and Double Bass (Db.).

The score features several dynamic markings, including *mf* (mezzo-forte) and *ord.* (ordinario). The woodwinds and strings play rhythmic patterns, often with accents. The percussion section includes a prominent vibraphone part with a melodic line and a cymbal part with a rhythmic pattern. The harp parts are mostly sustained chords. The string parts include a prominent violin section playing a rhythmic pattern with accents, and a cello/bass part with a similar pattern. The double bass part has a rhythmic pattern with accents.

63

Picc.

Fl.

Ob.

C. A.

E♭ Cl.

Cl.

B. Cl.

Bsn.

Cbsn.

Hn.

Tpts.

Tbn.

B. Tbn.

Tba.

Timp.

Crot.

Vib.

perc.

B. D.

T.-t.

Cym.

Cym.

Glock.

Cel.

Pno.

Hp. 1

Hp. 2

Vln. I

Vln. II

Vla.

Vc.

Db.

mf

f

p

ord.

67

Picc.

Fl.

Ob.

C. A.

E♭ Cl.

Cl.

B. Cl.

Bsn.

Cbsn.

Hn.

Tpts.

Tbn.

B. Tbn.

Tba.

Timp.

Crot.

Vib.

perc.

B. D.

T.-t.

Cym.

Cym.

Glock.

Cel.

Pno.

Hp. 1

Hp. 2

Vln. I

Vln. II

Vla.

Vc.

Db.

71

Picc. Fl. Ob. C. A. Eb Cl. Cl. B. Cl. Bsn. Cbsn. Hn. Tpts. Tbn. B. Tbn. Tba. Timp. Crot. Vib. perc. B. D. T.-t. Cym. Cym. Glock. Cel. Pno. Hp. 1 Hp. 2 Vln. I Vln. II Vla. Vc. Db.

75

Picc.
 Fl.
 Ob.
 C. A.
 Eb Cl.
 Cl.
 B. Cl.
 Bsn.
 Cbsn.
 Hn.
 Tpts.
 Tbn.
 B. Tbn.
 Tba.
 Timp.
 Cro.
 Vib.
 perc.
 B. D.
 T.-t.
 Cym.
 Cym.
 Glock.
 Cel.
 Pno.
 Hp. 1
 Hp. 2
 Vln. I
 Vln. II
 Vla.
 Vc.
 Db.

The score is divided into measures by vertical bar lines. The piano part (Pno.) contains musical notation, including a long melodic line with a crescendo hairpin and a bass line with a few notes. The rest of the score is mostly empty, with some dynamic markings like $\frac{2}{32}$ and $\frac{7}{32}$ appearing at the beginning of measures.

79

Picc. Fl. Ob. C. A. Eb Cl. Cl. B. Cl. Bsn. Cbsn. Hn. Tpts. Tbn. B. Tbn. Tba. Timp. Crotales Vib. perc. B. D. T.-t. Cym. Cym. Glock. Cel. Pno. Hp. 1 Hp. 2 Vln. I Vln. II Vla. Vc. Db.

83

87

Picc. Fl. Ob. C. A. Eb Cl. Cl. B. Cl. Bsn. Cbsn. Hn. Tpts. Tbn. B. Tbn. Tba. Timp. Cro. Vib. perc. B. D. T.-t. Cym. Cym. Glock. Cel. Pno. Hp. 1 Hp. 2 Vln. I Vln. II Vla. Vc. Db.

The musical score for page 87 is organized into several systems. The first system includes Piccolo, Flute, Oboe, Clarinet in A, E-flat Clarinet, Clarinet, Bass Clarinet, Bassoon, and Contrabassoon. The second system includes Horns, Trumpets, Trombone, Bass Trombone, and Tuba. The third system includes Timpani, Crotales, Vibraphone, Percussion, Bass Drum, Tom-tom, Cymbal, and Glockenspiel. The fourth system features Cello and Piano. The fifth system includes Harp 1 and Harp 2. The sixth system includes Violin I, Violin II, Viola, Violoncello, and Double Bass. The score shows rests for most instruments, while the Cello and Piano parts have active musical notation.

91

Picc.

Fl.

Ob.

C. A.

E♭ Cl.

Cl.

B. Cl.

Bsn.

Cbsn.

Hn.

Tpts.

Tbn.

B. Tbn.

Tba.

Timp.

Crot.

Vib.

perc.

B. D.

T.-t.

Cym.

Cym.

Glock.

Cel.

Pno.

Hp. 1

Hp. 2

Vln. I

Vln. II

Vla.

Vc.

Db.

96

Picc. *f*

Fl. *f*

Ob. *f*

C. A. *f*

E♭ Cl. *f*

Cl. *f*

B. Cl. *f*

Bsn. *f*

Cbsn. *f*

Hn. *f*

Tpts. *f*

Tbn. *f*

B. Tbn. *f*

Tba. *f*

Timp. *f*

Crot. -

Vib. -

perc. -

B. D. *f*

T.-t. -

Cym. -

Cym. -

Glock. -

Cel. -

Pno. *f*

Hp. 1 -

Hp. 2 -

Vln. I *f*

Vln. II *f*

Vla. *f*

Vc. *f*

Db. *f*

98

Picc. *p* *ff* *ff*

Fl. *p* *ff* *ff*

Ob. *p* *ff* *ff*

C. A. *p* *ff* *ff*

E♭ Cl. *ff*

Cl. *ff*

B. Cl. *ff*

Bsn. *ff*

Cbsn. *ff*

Hn. *p* *ff* *ff*

Tpts. *p* *ff* *ff*

Tbn. *ff*

B. Tbn. *ff*

Tba. *ff*

Timp. *ff*

Crot.

Vib.

perc.

B. D.

T.-t. *f* l.v.

Cym.

Cym.

Glock.

Cel.

Pno. *ff* *ff*

Hp. 1

Hp. 2

Vln. I *pp* *ff*

Vln. II *pp* *ff*

Vla. *pp* *ff* scratch tone

Vc. *pp* pizz.

Db. *pp* pizz.

103

Picc. *pp*

Fl. *pp*

Ob. *pp*

C. A. *pp*

E♭ Cl. *pp*

Cl. *pp*

B. Cl. *pp*

Bsn. *pp*

Cbsn. *f*

Hn. *pp*

Tpts. *pp*

Tbn. *pp*

B. Tbn. *pp*

Tba. *pp*

Timp.

Crot.

Vib. *pp* simile con ped.

perc.

B. D.

T.-t.

Cym.

Cym.

Glock. *pp*

Cel. *pp*

Pno. *pp*

Hp. 1 *pp*

Hp. 2 *pp*

Vln. I ord. *pp*

Vln. II ord. *pp*

Vla. ord. *pp*

Vc. ord. *pp*

Db. *f*

107

Picc. *mf*

Fl. *mf*

Ob. *mf*

C. A. *mf*

E♭ Cl. *mf*

Cl. *mf*

B. Cl. *mf*

Bsn. *mf*

Cbsn. *mf*

Hn. *mf*

Tpts. *mf*

Tbn. *mf*

B. Tbn. *mf*

Tba. *mf*

Timp.

Crot.

Vib. *mf*

perc.

B. D.

T.-t.

Cym.

Cym.

Glock. *f*

Cel. *f*

Pno. *f*

Hp. 1 *f*

Hp. 2 *f*

Vln. I *mf*

Vln. II *mf*

Vla. *mf*

Vc. *mf*

Db. *mf*

This page of a musical score, numbered 76, contains the following instruments and parts:

- Woodwinds:** Piccolo (Picc.), Flute (Fl.), Oboe (Ob.), Clarinet in A (C. A.), Clarinet in E-flat (E♭ Cl.), Clarinet in B-flat (B. Cl.), Bassoon (Bsn.), and Contrabassoon (Cbsn.).
- Brass:** Horns (Hn.), Trumpets (Tpts.), Trombone (Tbn.), Baritone Trombone (B. Tbn.), and Tuba (Tba.).
- Percussion:** Timpani (Timp.), Crotales (Crot.), Vibraphone (Vib.), Percussion (perc.), Bass Drum (B. D.), Tom-tom (T.-t.), Cymbals (Cym.), and Glockenspiel (Glock.).
- Keyboard:** Celesta (Cel.), Piano (Pno.), and Harp (Hp. 1 and Hp. 2).
- Strings:** Violin I (Vln. I), Violin II (Vln. II), Viola (Vla.), Violoncello (Vc.), and Double Bass (Db.).

The score is divided into four measures. The woodwinds and brass sections are marked with a forte (*f*) dynamic. The piano part features a melodic line with a fermata in the second measure, marked with a *f* dynamic and a '5' fingering. The harp parts also feature a melodic line with a fermata in the second measure, marked with a *f* dynamic and a '5' fingering. The string parts are mostly silent, with some activity in the lower registers.

115

Picc. *pp*

Fl. *pp*

Ob. *pp*

C. A. *pp*

E♭ Cl. *pp*

Cl. *pp*

B. Cl. *pp*

Bsn. *pp*

Cbsn. *pp*

Hn. *pp*

Tpts. *pp*

Tbn. *pp*

B. Tbn. *pp*

Tba. *pp*

Timp.

Crot.

Vib. *p*

perc.

B. D.

T.-t.

Cym.

Cym.

Glock.

Cel.

Pno. *p*

Hp. 1 *p*

Hp. 2 *p*

Vln. I *pp*

Vln. II *pp*

Vla. *pp*

Vc. *pp*

Db. *pp*

IV. Dark Matter

Misterioso $\text{♩} = 54$

Piccolo

Flute

Oboe

Cor Anglais

Clarinet in E \flat

Clarinet in B \flat

Bass Clarinet in B \flat

Bassoon

Contrabassoon

Horn in F

Trumpet in B \flat

Trombone

Bass Trombone

Tuba

Misterioso $\text{♩} = 54$

Timpani

Crotales

Vibraphone

Multipercussion set

Bass Drum

Tam-tam

Cymbals

Cymbals

Glockenspiel

Celesta

Piano

Harp 1

Harp 2

Misterioso $\text{♩} = 54$

Violin I

Violin II

Viola

Violoncello

Double Bass

5

Picc. Fl. Ob. C. A. Eb Cl. Cl. B. Cl. Bsn. Cbsn. Hn. Tpts. Tbn. B. Tbn. Tba. Timp. Croc. Vib. perc. B. D. T.-t. Cym. Cym. Glock. Cel. Pno. Hp. 1 Hp. 2 Vln. I Vln. II Vla. Vc. Db.

The musical score for page 80 includes the following instruments and parts:

- Woodwinds:** Piccolo (Picc.), Flute (Fl.), Oboe (Ob.), Clarinet in A (C. A.), Clarinet in E-flat (Eb Cl.), Clarinet (Cl.), Bass Clarinet (B. Cl.), Bassoon (Bsn.), Contrabassoon (Cbsn.), Horn (Hn.), Trumpet (Tpts.), Trombone (Tbn.), Baritone Trombone (B. Tbn.), Tuba (Tba.), Timpani (Timp.), Crotales (Croc.), Vibraphone (Vib.), Percussion (perc.), Bells (B. D.), Tom-toms (T.-t.), Cymbals (Cym.), Glockenspiel (Glock.), and Celeste (Cel.).
- Keyboard:** Piano (Pno.), Harp 1 (Hp. 1), Harp 2 (Hp. 2).
- Strings:** Violin I (Vln. I), Violin II (Vln. II), Viola (Vla.), Violoncello (Vc.), and Double Bass (Db.).

Key musical features and markings include:

- Dynamic markings:** *f* (forte), *ff* (fortissimo), *p* (piano).
- Performance instructions:** "unis. sempre" (unison, always).
- Notation:** The score uses standard musical notation with stems, beams, and slurs. The piano part features complex rhythmic patterns with triplets and a fermata.

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

- Picc.**: Piccolo
- Fl.**: Flute
- Ob.**: Oboe
- C. A.**: Clarinet in A
- E♭ Cl.**: Clarinet in E-flat
- Cl.**: Clarinet
- B. Cl.**: Bass Clarinet
- Bsn.**: Bassoon
- Cbsn.**: Contrabassoon
- Hn.**: Horns (with *unis. sempre* marking)
- Tpts.**: Trumpets (with *unis. sempre* marking)
- Tbn.**: Trombone
- B. Tbn.**: Baritone Trombone
- Tba.**: Tuba
- Timp.**: Timpani
- Crot.**: Crotales
- Vib.**: Vibraphone
- perc.**: Percussion
- B. D.**: Bass Drum
- T.-t.**: Tom-toms
- Cym.**: Cymbals (with *p* and *f* dynamics)
- Glock.**: Glockenspiel
- Cel.**: Celesta
- Pno.**: Piano
- Hp. 1**: Harp 1
- Hp. 2**: Harp 2
- Vln. I**: Violin I (with *unis. sempre* marking)
- Vln. II**: Violin II (with *unis. sempre* marking)
- Vla.**: Viola (with *unis. sempre* marking)
- Vc.**: Violoncello
- Db.**: Double Bass

13

Picc. Fl. Ob. C. A. Eb Cl. Cl. B. Cl. Bsn. Cbsn. Hn. Tpts. Tbn. B. Tbn. Tba. Timp. Cro. Vib. perc. B. D. T.-t. Cym. Cym. Glock. Cel. Pno. Hp. 1 Hp. 2 Vln. I Vln. II Vla. Vc. Db.

17

Picc.

Fl.

Ob.

C. A.

E♭ Cl.

Cl.

B. Cl.

Bsn.

Cbsn.

Hn.

Tpts.

Tbn.

B. Tbn.

Tba.

Timp.

Crot.

Vib.

perc.

B. D.

T.-t.

Cym.

Cym.

Glock.

Cel.

Pno.

Hp. 1

Hp. 2

Vln. I

Vln. II

Vla.

Vc.

Db.

pizz.

pizz.

Lv.

21

Picc.

Fl.

Ob.

C. A.

E♭ Cl.

Cl.

B. Cl.

Bsn.

Cbsn.

Hn.

Tpts.

Tbn.

B. Tbn.

Tba.

Timp.

Crot.

Vib.

perc.

B. D.

T.-t.

Cym.

Cym.

Glock.

Cel.

Pno.

Hp. 1

Hp. 2

Vln. I

Vln. II

Vla.

Vc.

Db.

25

Picc. *ff* unis. sempre

Fl. *ff*

Ob. *ff*

C. A. *ff*

E♭ Cl. *ff*

Cl. *ff*

B. Cl. *ff*

Bsn. *ff*

Cbsn. *ff*

Hn. *ff*

Tpts. *ff*

Tbn. *ff*

B. Tbn. *ff*

Tba. *ff*

Timp.

Crot.

Vib.

perc.

B. D.

T.-t.

Cym.

Glock.

Cel.

Pno. *ff*

Hp. 1 *ff*

Hp. 2 *ff*

Vln. I *ff*

Vln. II *ff*

Vla. *ff*

Vc. *ff*

Db. *ff*

29

Picc. *ff*

Fl. *ff*

Ob. *ff*

C. A. *ff*

E♭ Cl. *ff*

Cl. *ff*

B. Cl. *ff*

Bsn. *ff*

Cbsn. *ff*

Hn. *ff*

Tpts. *ff*

Tbn. *ff*

B. Tbn. *ff*

Tba. *ff*

Timp.

Crot. *ff*

Vib.

perc.

B. D.

T.-t. *ff*

Cym.

Cym.

Glock.

Cel.

Pno. *ff* *ff sord.*

Hp. 1 *ff*

Hp. 2 *ff*

Vln. I *ff*

Vln. II *ff*

Vla. *ff*

Vc. *ff*

Db. *ff*

32

Picc.
Fl.
Ob.
C. A.
E♭ Cl.
Cl.
B. Cl.
Bsn.
Cbsn.
Hn.
Tpts.
Tbn.
B. Tbn.
Tba.
Timp.
Crot.
Vib.
perc.
B. D.
T.-t.
Cym.
Cym.
Glock.
Cel.
Pno.
Hp. 1
Hp. 2
Vln. I
Vln. II
Vla.
Vc.
Db.

The score for page 32 features a variety of instruments. The woodwind section includes Piccolo, Flute, Oboe, Clarinet in A, E-flat Clarinet, Clarinet, Bass Clarinet, Bassoon, and Contrabassoon. The brass section consists of Horns, Trumpets, Trombone, Baritone Trombone, and Tuba. The percussion section includes Timpani (with triplet patterns), Crotales, Vibraphone (with *fff* dynamics), Percussion (with *fff* and *mf* dynamics), Snare Drum (with *fff* dynamics), Cymbals, and Glockenspiel (with *ff* dynamics). The keyboard section includes Celeste (with *fff* dynamics), Piano (with *fff* dynamics), and two Harps (Hp. 1 and Hp. 2). The string section includes Violin I, Violin II, Viola, Violoncello, and Double Bass. Dynamics such as *fff* and *ff* are indicated throughout the score.

36

Picc. *fff* *f.t.*

Fl. *fff* *f.t.*

Ob. *fff* *f.t.*

C. A. *fff* *f.t.*

E♭ Cl. *fff* *f.t.*

Cl. *fff* *f.t.*

B. Cl. *fff* *f.t.*

Bsn. *fff* *f.t.*

Cbsn. *fff* *f.t.*

Hn. *fff* *f.t.*

Tpts. *fff* *f.t.*

Tbn. *fff* *f.t.*

B. Tbn. *fff* *f.t.*

Tba. *fff* *f.t.*

Timp. *v* *3*

Crot. *v*

Vib. *v*

perc. *v*

B. D. *mf*

T.-t. *v*

Cym. *mf*

Glock. *mf*

Cel. *v* *5*

Pno. *v* *7*

Hp. 1 *v*

Hp. 2 *v* *5*

Vln. I *fff*

Vln. II *fff*

Vla. *fff*

Vc. *fff*

Db. *fff*

7/32

40

Picc. Fl. Ob. C. A. Eb Cl. Cl. B. Cl. Bsn. Cbsn. Hn. Tpts. Tbn. B. Tbn. Tba. Timp. Cro. Vib. perc. B. D. T.-t. Cym. Cym. Glock. Cel. Pno. Hp. 1 Hp. 2 Vln. I Vln. II Vla. Vc. Db.

ff

pizz.

ff

pizz.

44

Picc. Fl. Ob. C. A. E♭ Cl. Cl. B. Cl. Bsn. Cbsn. Hn. Tpts. Tbn. B. Tbn. Tba. Timp. Cro. Vib. perc. B. D. T.-t. Cym. Cym. Glock. Cel. Pno. Hp. 1 Hp. 2 Vln. I Vln. II Vla. Vc. Db.

48

Picc.

Fl.

Ob.

C. A.

E♭ Cl.

Cl.

B. Cl.

Bsn.

Cbsn.

Hn.

Tpts.

Tbn.

B. Tbn.

Tba.

Timp.

Crot.

Vib.

perc.

B. D.

T.-t.

Cym.

Cym.

Glock.

Cel.

Pno.

Hp. 1

Hp. 2

Vln. I

Vln. II

Vla.

Vc.

Db.

52

Picc. 7/32
 Fl. 7/32
 Ob. 7/32
 C. A. 7/32
 E♭ Cl. 7/32
 Cl. 7/32
 B. Cl. 7/32
 Bsn. 7/32
 Cbsn. 7/32
 Hn. 7/32
 Tpts. 7/32
 Tbn. 7/32
 B. Tbn. 7/32
 Tba. 7/32
 Timp. 7/32
 Croc. 7/32
 Vib. 7/32
 perc. 7/32
 B. D. 7/32
 T.-t. 7/32
 Cym. 7/32
 Cym. 7/32
 Glock. 7/32
 Cel. 7/32
 Pno. 7/32
 Hp. 1 7/32
 Hp. 2 7/32
 Vln. I 7/32
 Vln. II 7/32
 Vla. 7/32
 Vc. 7/32
 Db. 7/32

56

Picc. Fl. Ob. C. A. Eb Cl. Cl. B. Cl. Bsn. Cbsn. Hn. Tpts. Tbn. B. Tbn. Tba. Timp. Crotales Vib. perc. B. D. T.-t. Cym. Cym. Glock. Cel. Pno. Hp. 1 Hp. 2 Vln. I Vln. II Vla. Vc. Db.

Measures: 32, 33, 34, 35

Dynamic markings: *f*, *ff*, *p*, *pizz.*

60

Picc.

Fl.

Ob.

C. A.

E♭ Cl.

Cl.

B. Cl.

Bsn.

Cbsn.

Hn.

Tpts.

Tbn.

B. Tbn.

Tba.

Timp.

Crot.

Vib.

perc.

B. D.

T.-t.

Cym.

Cym.

Glock.

Cel.

Pno.

Hp. 1

Hp. 2

Vln. I

Vln. II

Vla.

Vc.

Db.

64

This page of a musical score, numbered 64, contains 28 staves for various instruments. The score is divided into four measures, with time signatures changing from 3/2 to 4/4 and back to 3/2. The instruments listed on the left are: Picc., Fl., Ob., C. A., E♭ Cl., Cl., B. Cl., Bsn., Cbsn., Hn., Tpts., Tbn., B. Tbn., Tba., Timp., Croc., Vib., perc., B. D., T.-t., Cym., Cym., Glock., Cel., Pno., Hp. 1, Hp. 2, Vln. I, Vln. II, Vla., Vc., and Db. The woodwind and brass sections are mostly silent, indicated by dashes. The percussion section features a complex rhythmic pattern with snare and tom-tom drums. The vibraphone and celesta play melodic lines. The piano part is the most active, with both hands playing a melodic line with a long, expressive slur. The strings are also silent.

72

The musical score for page 72 is arranged in a standard orchestral format. It includes the following instruments and parts:

- Woodwinds:** Piccolo (Picc.), Flute (Fl.), Oboe (Ob.), Clarinet in A (C. A.), Clarinet in E-flat (E♭ Cl.), Clarinet in C (Cl.), Bass Clarinet (B. Cl.), Bassoon (Bsn.), and Contrabassoon (Cbsn.).
- Brass:** Horns (Hn.), Trumpets (Tpts.), Trombone (Tbn.), Baritone Trombone (B. Tbn.), and Tuba (Tba.).
- Percussion:** Timpani (Timp.), Crotales (Crot.), Vibraphone (Vib.), and various other percussion instruments including Bells (B. D.), Triangle (T.-t.), Cymbals (Cym.), and Glockenspiel (Glock.).
- Keyboard and Other:** Piano (Pno.), Harp 1 (Hp. 1), and Harp 2 (Hp. 2).
- Strings:** Violin I (Vln. I), Violin II (Vln. II), Viola (Vla.), Violoncello (Vc.), and Double Bass (Db.).

Key performance markings and dynamics include:

- Dynamic markings:** *fff* (fortissimo), *f.t.* (forzando), *p* (piano), and *simile con pedal*.
- Articulation:** *vgl.* (vibrato) and *acc.* (accents).
- Phrasing:** Extensive use of slurs and ties across measures, particularly in the woodwind and string sections.

76

Picc. *ff* *f.t.*

Fl. *ff* *f.t.*

Ob. *ff* *f.t.*

C. A. *f.t.*

E♭ Cl. *f.t.*

Cl. *f.t.*

B. Cl.

Bsn.

Cbsn.

Hn.

Tpts.

Tbn.

B. Tbn.

Tba.

Timp. *ff*

Crot.

Vib.

perc.

B. D.

T.-t.

Cym.

Cym. *ff*

Glock.

Cel.

Pno.

Hp. 1

Hp. 2

Vln. I

Vln. II

Vla.

Vc.

Db.

80

Picc.
Fl.
Ob.
C. A.
E♭ Cl.
Cl.
B. Cl.
Bsn.
Cbsn.
Hn.
Tpts.
Tbn.
B. Tbn.
Tba.
Timp.
Crot.
Vib.
perc.
B. D.
T.-t.
Cym.
Cym.
Glock.
Cel.
Pno.
Hp. 1
Hp. 2
Vln. I
Vln. II
Vla.
Vc.
Db.

Detailed description of the musical score: This page of a musical score, numbered 80, contains 28 staves for various instruments. The Piccolo and Flute parts feature melodic lines with slurs and accents. The Oboe, Clarinet in A, Clarinet in E-flat, and Bassoon parts play sustained chords with slurs. The Horns play sustained chords. The Trumpets and Trombones have melodic lines with slurs. The Tuba part has a sustained chord. The Percussion section, including B.D., T.-t., Cym., and Glock., is mostly silent. The Piano part features a complex texture with slurs and accents. The Harp parts play sustained chords. The Violin I and II parts have melodic lines with slurs. The Viola, Violoncello, and Double Bass parts have sustained chords with slurs.

84

Picc. *fff*

Fl. *fff*

Ob. *fff*

C. A. *fff*

E♭ Cl. *fff*

Cl. *fff*

B. Cl. *fff*

Bsn. *fff*

Cbsn. *fff*

Hn. *fff*

Tpts. *fff*

Tbn. *fff*

B. Tbn. *fff*

Tba. *fff*

Timp. *p* *fff*

Crot. *fff*

Vib. *fff* simile con pedal

perc. *fff*

B. D. *p* *fff*

T.-t. *fff*

Cym. *p* *fff*

Glock. *fff*

Cel. *fff*

Pno. *fff*

Hp. 1 *fff*

Hp. 2 *fff*

Vln. I *fff*

Vln. II *fff*

Vla. *fff*

Vc. *fff*

Db. *fff*

88

Picc.

Fl.

Ob.

C. A.

E♭ Cl.

Cl.

B. Cl.

Bsn.

Cbsn.

Hn.

Tpts.

Tbn.

B. Tbn.

Tba.

Timp.

Crot.

Vib.

perc.

B. D.

T.-t.

Cym.

Cym.

Glock.

Cel.

Pno.

Hp. 1

Hp. 2

Vln. I

Vln. II

Vla.

Vc.

Db.

l.v.

l.v.

l.v.

l.v.