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Three Attempts at Time Travel

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THREE ATTEMPTS AT TIME TRAVEL

by

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A Thesis

Submitted in Partial Fulfillment of the Requirements for the
Master of Music Theory and Composition

School of Music

in the Graduate School

Southern Illinois University Carbondale

May 2016

THESIS APPROVAL

THREE ATTEMPTS AT TIME TRAVEL

By

William J. Radtke

A Thesis Submitted in Partial
Fulfillment of the Requirements
for the Degree of
Master in Theory and Composition
in the field of Music

Approved by:

Dr. Christopher Walczak, Chair

Dr. Jessica Butler

Dr. Richard Kelley

Graduate School
Southern Illinois University Carbondale
April 11, 2016

AN ABSTRACT OF THE THESIS OF

WILLIAM J. RADTKE, for the Master of Music degree in Music Theory and Composition, presented on April 11, 2016, at Southern Illinois University Carbondale.

TITLE: THREE ATTEMPTS AT TIME TRAVEL

MAJOR PROFESSOR: Dr. Christopher Walczak

Three Attempts at Time Travel is a piece for wind ensemble that is approximately ten minutes in length. It consists of a brief introduction and three continuous movements based on the same starting material. It is semi-programmatic, but it is not an attempt to depict a specific narrative. Rather, it portrays a scenario involving time travel. The concept of the piece begins with a person who uses a time machine to travel back to a certain point in time to change the result of an event in their own life. During the piece, the person goes back to the same starting point three times with each “restart” resulting in a different outcome. On the final restart, a positive resolution is reached, but it is ultimately a conflicted ending because it is not the ending that the time traveler was aiming for. At the end of the introduction and each of the first two movements, a “time machine” motive consisting of: a Mahler hammer, a concert bass drum, a drum set, a thunder sheet, a suspended cymbal and a triangle occurs to signal the return to the original point in time.

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INSTRUMENTATION

4 Flutes (4th doubling Piccolo)
2 Oboes
3 Clarinets in Bb (1st doubling Soprano Clarinet in Eb)
1 Bass Clarinet in Bb
1 Contrabass Clarinet in Bb
2 Bassoons
2 Alto Saxophones in Eb (1st doubling Soprano Saxophone in Bb)
1 Tenor Saxophone in Bb
1 Baritone Saxophone in Eb
4 Horns in F
4 Trumpets in Bb
2 Tenor Trombones
1 Bass Trombone
2 Euphoniums
1 Tuba
6 Percussion:
Snare Drum
Bass Drum
Tom-toms
Suspended Cymbal
Drum Set
Marimba
Vibraphone
Xylophone
Tubular Bells
Triangle
Timpani
Thunder Sheet
Temple Blocks
Mahler Hammer
1 Piano
1 Electric Guitar
1 Double Bass (doubling Electric Bass)

*Three
Attempts
at
Time
Travel*

*for
Wind
Ensemble*

*By
William J. Radtke*

Score

Three Attempts at Time Travel

William J. Radtke

4/4 ♩ = 70

5/4

Piccolo

Flutes 1 and 2

Flutes 3 and 4

Oboe 1 and 2

E♭ Clarinet

B♭ Clarinets 2 and 3

Bass Clarinet

Contrabass Clarinet

Soprano Sax

Alto Sax

Tenor Sax

Baritone Sax

Bassoons 1 and 2

F Horns 1 and 3

F Horns 2 and 4

B♭ Trumpet 1

B♭ Trumpets 2 and 3

Trombones 1 and 2

Bass Trombone

Euphoniums 1 and 2

Tuba

Timpani

Bass Drum

Percussion 1

Drum Set

Percussion 2

Marimba

Tubular Bells

Percussion 3

Percussion 4

Xylophone

Percussion 5

Piano

Electric Guitar

Electric Bass

Double Bass

4/4

5/4

4
4

Picc.

Fls. 1 and 2.

Fls. 3 and 4.

Obs. 1 and 2.

En. Cl.

Bb. Cl. 2 and 3.

B. Cl.

Cb. Cl.

S. Sax.

A. Sax.

T. Sax.

B. Sax.

Bans. 1 and 2.

Hns. 1 and 3.

Hns. 2 and 4.

Tpt. 1.

Tpts. 2 and 3.

Tbns. 1 and 2.

B. Tbn.

Euphs. 1 and 2.

Tba.

Timp.

Perc. 1 Bass Drum

Perc. 2 Drum Set

Perc. 3 Mahler Hammer

Perc. 4 Tubular Bells

Perc. 5 Xylophone

Pno.

E. Gtr.

E. B.

D. B.

4
4

17 $\frac{3}{4}$ *accelerando poco a poco*

The musical score is arranged in a standard orchestral format. The woodwind section includes Piccolo, Flutes (1 and 2, 3 and 4), Oboes (1 and 2), English Clarinet (E♭ Cl.), Bass Clarinet (B♭ Cl.), Contrabass Clarinet (Cb. Cl.), Soprano Saxophone (S. Sax.), Alto Saxophone (A. Sax.), Tenor Saxophone (T. Sax.), and Baritone Saxophone (B. Sax.). The brass section includes Bassoons (1 and 2), Horns (1 and 3, 2 and 4), Trumpets (1, 2 and 3), Trombones (1 and 2, Baritone), Euphoniums (1 and 2), and Tuba. The percussion section includes Bass Drum, Drum Set, Thunder Sheet, Suspended Cymbal, and Triangle. The piano part is in the right hand of the grand staff. The electric guitar and electric bass parts are in the right and left hands of the grand staff, respectively. The double bass part is in the right hand of the grand staff. The score begins at measure 17 with a tempo of 3/4 and the instruction 'accelerando poco a poco'. Dynamics are marked with *p*, *mf*, and *mp*. The score includes various musical notations such as slurs, accents, and dynamic markings.

(*accel. poco a poco*)

25

This page of a musical score, page 25, features a variety of instruments and parts. The woodwind section includes Piccolo, Flutes 1 and 2, Flutes 3 and 4, Oboes 1 and 2, English Horn, Bass Clarinet 2 and 3, Bass Clarinet, Cor Anglais, Saxophones (Soprano, Alto, Tenor, Baritone), and Bassoons 1 and 2. The brass section consists of Horns 1 and 3, Horns 2 and 4, Trumpets 1, Trumpets 2 and 3, Trombones 1 and 2, Baritone Trombone, Euphoniums 1 and 2, and Tuba. The percussion section is divided into five parts: Perc. 1 (Bass Drum), Perc. 2 (Drum Set), Perc. 3 (Thunder Sheet), Perc. 4 (Suspended Cymbal), and Perc. 5 (Triangle). Other instruments include Piano and Electric Guitar. The score is written in a common time signature with a key signature of one flat. It includes dynamic markings such as *mf*, *p*, and *mp*, and performance instructions like *accel. poco a poco*. The page number '25' is located at the top left, and the page number '4' is in the top right corner.

5
4 ♩ = 140 Mvt. I

33

Picc. *f*

Fls. 1 and 2. *f* *mp* *mf* *f*^{a2}

Fls. 3 and 4. *f* *mp* *mf* *f*

Obs. 1 and 2

Ob. 1 *mf* *f*

Ob. 2 *mf* *f*

Es. Cl. *mf*

B♭ Cl 2 and 3. *f*^{mf} *f*^{mp} *mf* *p* *f*

B. Cl. *f-mp* *f*^{mp} *mf* *p* *f*

Cb. Cl. *f* *mf* *sub. mp* *f*

S. Sax. *mf* *mf*

A. Sax. *f* *mf* *mf* *mf* *p* *f*

T. Sax. *f* *mf* *mf* *mf* *p* *f*

B. Sax. *f* *mf* *mf* *mf* *p* *f*

Bsns. 1 and 2 *f-mp* *mf* *mf* *p* *f*

Hns. 1 and 3 *f* *mf* *p* *f*

Hns. 2 and 4 *f* *mf* *p* *f*

Tpt. 1 *f*

Tpts. 2 and 3 *f*

Thns. 1 and 2 *f* *mf* *p* *f*

B. Tbn. *f* *mf* *p* *f*

Euphs. 1 and 2 *f* *mf* *p* *f*

Tba. *f* *mf* *sub. mp* *f*

Timp. *f* *mp* *f*

Perc. 1 Bass Drum *f* *mp* Temple Blocks *mp* *mf*

Perc. 2 Drum Set *f* *mp* *p* *mf*

Perc. 3 Thunder Sheet *f* Marimba *mf* *mf*

Perc. 4 Suspended Cymbal *f*

Perc. 5 Triangle *f* Xylophone *mf* *mf*

Pno. *f* *mf*

E.Gtr. *mf* *p*

E.B.

D.B. *f* *mf* *sub. mp* *f*

41

Picc.

Fls. 1 and 2. *sub. p*

Fls. 3 and 4. *p*

Obs. 1 and 2. *mf* *mp* *f* *mp*

B♭ Cl 1. *mf* *mp* *f* *mp*

B♭ Cl 2 and 3. *mf* *mp* *f* *mp*

B. Cl. *sub. p*

Cb. Cl.

S. Sx. *sub. p*

A. Sx.

T. Sx.

B. Sx.

Bans. 1 and 2

Hns. 1 and 3

Hns. 2 and 4

Tpt. 1

Tpts. 2 and 3.

Tbns. 1 and 2

B. Tbn.

Euphs. 1 and 2.

Tba.

Timp.

Perc. 1 Temple Blocks

Perc. 2 Drum Set *sub. p*

Perc. 3 Marimba *sub. mp*

Perc. 4 Vibraphone *mf* *mp* *f* *mp*

Perc. 5 Xylophone *sub. mp* *mp*

Pno. *mp*

E. Gtr. *p* *mp*

E. B.

D. B. *sub. mp*

Detailed description: This page of a musical score, numbered 41, contains 28 staves. The top section (staves 1-17) includes Piccolo, Flutes 1-4, Oboes 1-2, Clarinets in Bb (1-3), Bass Clarinet, Saxophones (Soprano, Alto, Tenor, Baritone), Bassoons (1-2), Horns (1-4), Trumpets (1-3), Trombones (1-2), Euphoniums (1-2), and Tuba. The middle section (staves 18-22) covers Percussion: Temple Blocks, Drum Set, Marimba, Vibraphone, and Xylophone. The bottom section (staves 23-28) includes Piano, Electric Guitar, Electric Bass, and Double Bass. The score features various musical notations such as dynamics (*sub. p*, *p*, *mf*, *mp*, *f*), articulation marks (accents, slurs), and phrasing slurs. The woodwinds and strings have active parts, while the brass and percussion are mostly silent or have sparse entries.

7
4

7
5
4

46

This page of a musical score contains measures 46 through 50. The score is arranged in a standard orchestral layout with multiple staves for each instrument family. The woodwind section includes Piccolo, Flutes (1 and 2, 3 and 4), Oboes (1 and 2), English Horn, B♭ Clarinets (2 and 3), B Clarinet, Contrabass Clarinet, Saxophones (Soprano, Alto, Tenor, Baritone), and Bassoons (1 and 2). The brass section includes Horns (1 and 3, 2 and 4), Trumpets (1, 2 and 3), Trombones (1 and 2, Baritone), Euphoniums (1 and 2), and Tuba. The percussion section includes Temple Blocks, Drum Set, Marimba, Vibraphone, and Xylophone. The piano and guitar sections include Piano and Electric Guitar/Bass. The double bass part is also present. The score features various musical notations such as dynamics (mf, mp, f, p), articulation (accents), and phrasing slurs. The key signature is one flat (B♭ major or F minor), and the time signature is 7/4. The page number 46 is at the top left, and the measure numbers 7/4 and 5/4 are at the top right. The measure numbers 7/4 and 5/4 are also written at the bottom of the page.

5
4

4
4

Picc.

Fls. 1 and 2.

Fls. 3 and 4.

Ob. 1

Ob. 2

B♭ Cl. 1.

B♭ Cl. 2.

B♭ Cl. 3.

B. Cl.

Cb. Cl.

S. Sax.

A. Sax.

T. Sax.

B. Sax.

Bsns. 1 and 2.

Hns. 1 and 3.

Hns. 2 and 4.

Tpt. 1.

Tpts. 2 and 3.

Tbns. 1 and 2.

B. Tbn.

Euphs. 1 and 2.

Tba.

Timp.

Perc. 1
Temple Blocks

Perc. 2
Drum Set

Perc. 3
Marimba

Perc. 4
Vibraphone

Perc. 5
Xylophone

Pno.

E. Gtr.

E. B.

D. B.

5
4

4
4

mf, *mp*, *f*, *sub mp*, *p*, *mf*

59
4

Picc.

Fls. 1 and 2.

Fls. 3 and 4.

Obs. 1 and 2.

Es. Cl.

B♭ Cl. 1.

B♭ Cl. 2.

B♭ Cl. 3.

B. Cl.

Cb. Cl.

S. Sx.

A. Sx.

T. Sx.

B. Sx.

Bsns. 1 and 2.

Hns. 1 and 3.

Hns. 2 and 4.

Tpt. 1.

Tpts. 2 and 3.

Tbns. 1 and 2.

B. Tbn.

Euphs. 1 and 2.

Tba.

Timp.

Perc. 1
Concert Toms

Perc. 2
Drum Set

Perc. 3
Marimba

Perc. 4
Vibraphone

Perc. 5
Xylophone

Pno.

E. Gtr.

E. B.

D. B.

5
4

67

This page contains a musical score for measures 67 through 72. The score is arranged in a standard orchestral format with multiple staves for each instrument family. The instruments included are Piccolo, Flutes (1 and 2, 3 and 4), Oboes (1 and 2), B♭ Clarinets (1, 2 and 3), Bass Clarinet, Contrabass Clarinet, Saxophones (Soprano, Alto, Tenor, Baritone), Basses (1 and 2), Horns (1 and 3, 2 and 4), Trumpets (1, 2 and 3), Trombones (1 and 2, Baritone), Euphoniums (1 and 2), Tuba, Timpani, Concert Tom, Drum Set, Marimba, Vibraphone, Xylophone, Piano, Electric Guitar, and Double Bass. The score features a variety of musical notations including notes, rests, slurs, and dynamic markings such as *mp*, *f*, *p*, and *mf*. A 6/4 time signature is indicated at the top right and bottom right of the page.

5

75
4

Picc. *f*

Fls. 1 and 2. *f*

Fls. 3 and 4. *f*

Ob. 1 *f*

Ob. 2 *f*

B♭ Cl. 1. *f*

B♭ Cl. 2. *f*

B♭ Cl. 3. *f*

B. Cl. *f*

Cb. Cl. *f*

S. Sax. *f*

A. Sax. *mf*

T. Sax. *f*

B. Sax. *f*

Bsns. 1 and 2. *f*

Hns. 1 and 3

Hns. 2 and 4

Tpt. 1 *f*

Tpts. 2 and 3. *f* Senza Sordino

Tbns. 1 and 2. *f*

B. Tbn. *f*

Euphs. 1 and 2. *f*

Tba. *f*

Timp. *f*

Perc. 1. Concert Toms *f* Temple Blocks *mp*

Perc. 2. Drum Set *f* *sub. mp* *mf*

Perc. 3. Marimba *f*

Perc. 4. Vibraphone *f*

Perc. 5. Xylophone *f*

Pno. *f*

E.Gtr. *f* *mp*

E.B. *f*

D.B. *f* *sub. mp*

4
4

3
4

5
4

81

Picc. *sub. mp* *f* *sub. mp* *f* *mp* *ff*

Fls. 1 and 2. *sub. mp* *f* *sub. mp* *f* *mp* *ff*

Fls. 3 and 4. *sub. mp* *f* *sub. mp* *f* *mp* *ff*

Ob. 1. *sub. mp* *f* *sub. mp* *f* *mf* *f*

Ob. 2. *sub. mp* *f* *sub. mp* *f* *mp* *ff*

B♭ Cl. 1. *sub. mp* *f* *sub. mp* *f* *mp* *ff*

B♭ Cl. 2. *sub. mp* *f* *sub. mp* *f* *mp* *ff*

B♭ Cl. 3. *sub. mp* *f* *sub. mp* *f* *mf* *f*

B. Cl. *mf* *f*

Cb. Cl. *mf* *f*

S. Sx. *mf* *f*

A. Sx. *mf* *f*

T. Sx. *mf* *f*

B. Sx. *mf* *f*

Bsns. 1 and 2. *mf* *f*

Hns. 1 and 3

Hns. 2 and 4

Tpt. 1. *f* *f* *sub. mp* *f* *mf* *f*

Tpts. 2 and 3. *f* *sub. mp* *f* *sub. mp* *f* *mf* *f*

Tbns. 1 and 2. *mp* *mf* *f*

B. Tbn. *mp* *mf* *f*

Euphs. 1 and 2. *mp < f* *mp < f* *sub. mp* *f* *mp* *mf* *f*

Tba. *mf* *f*

Timp.

Tempo Blocks

Perc. 1. *mf*

Perc. 2. *sub. p* *mf* *sub. p* *mf*

Perc. 3. *f* *f* *sub. mp* *f* *mf* *f*

Perc. 4. *sub. mp* *f* *sub. mp* *f* *mf* *f*

Perc. 5. *mp* *f* *mp* *ff*

Pno. *mp* *ff*

E. Gtr. *mf* *f*

E. B.

D. B. *mf* *f*

5
4

90

Picc.

Fls. 1 and 2.

Fls. 3 and 4.

Obs. 1 and 2

Ob. 1

Ob. 2

B♭ Cl 1.

B♭ Cl 2 and 3.

B. Cl.

Cb. Cl.

S. Sx.

A. Sx.

T. Sx.

B. Sx.

Bsns. 1 and 2

Hns. 1 and 3

Hns. 2 and 4

Tpt. 1

Tpts. 2 and 3.

Tbns. 1 and 2

B. Tbn.

Euphs. 1 and 2.

Tba.

Timp.

Bass Drum

Perc. 1

Drum Set

Perc. 2

Mahler Hammer

Perc. 3

Suspended Cymbal

Perc. 4

Triangle

Perc. 5

Pno.

E. Gtr.

E. B.

D.B.

5
4

mp

3
4

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

- Picc.**: Piccolo part, starting with a *sfz* dynamic.
- Fls. 1 and 2.**: Flute parts 1 and 2, starting with a *sfz* dynamic.
- Fls. 3 and 4.**: Flute parts 3 and 4, starting with a *sfz* dynamic.
- Obs. 1 and 2.**: Oboe parts 1 and 2, starting with a *sfz* dynamic.
- B♭ Cl. 1.**: Bass Clarinet 1, starting with a *sfz* dynamic.
- B♭ Cl. 2.**: Bass Clarinet 2, starting with a *sfz* dynamic.
- B♭ Cl. 3.**: Bass Clarinet 3, starting with a *sfz - mf* dynamic.
- B. Cl.**: Baritone Clarinet, starting with a *sfz* dynamic.
- Cb. Cl.**: Contrabass Clarinet, starting with a *sfz* dynamic.
- S. Sax.**: Soprano Saxophone, starting with a *sfz* dynamic.
- A. Sax.**: Alto Saxophone, starting with a *sfz* dynamic.
- T. Sax.**: Tenor Saxophone, starting with a *sfz* dynamic.
- B. Sax.**: Baritone Saxophone, starting with a *sfz* dynamic.
- Bans. 1 and 2.**: Bassoon parts 1 and 2, starting with a *sfz* dynamic.
- Hns. 1 and 3.**: Horn parts 1 and 3, starting with a *sfz* dynamic.
- Hns. 2 and 4.**: Horn parts 2 and 4, starting with a *sfz* dynamic.
- Tpt. 1.**: Trumpet 1, starting with a *sfz* dynamic.
- Tpt. 2.**: Trumpet 2, starting with a *sfz - mf* dynamic.
- Tpt. 3.**: Trumpet 3, starting with a *sfz* dynamic.
- Tbns. 1 and 2.**: Trombone parts 1 and 2, starting with a *sfz* dynamic.
- B. Tbn.**: Baritone Trombone, starting with a *sfz* dynamic.
- Euphs. 1 and 2.**: Euphonium parts 1 and 2, starting with a *sfz* dynamic.
- Tba.**: Tuba, starting with a *sfz* dynamic.
- Timp.**: Timpani, starting with a *sfz* dynamic.
- Perc. 1.**: Bass Drum, starting with a *mf* dynamic.
- Perc. 2.**: Drum Set, starting with a *mf* dynamic.
- Perc. 3.**: Mahler Hammer, starting with a *f* dynamic.
- Perc. 4.**: Suspended Cymbal, starting with a *mf* dynamic.
- Perc. 5.**: Triangle, starting with a *mf* dynamic.
- Pno.**: Piano, starting with a *sfz* dynamic.
- E. Gtr.**: Electric Guitar, starting with a *mf* dynamic.
- E. B.**: Electric Bass, starting with a *mf* dynamic.
- D.B.**: Double Bass, starting with a *mf* dynamic.

The score includes various musical notations such as slurs, accents, and dynamic markings. A rehearsal mark '99' is present at the beginning of the Piccolo part. The time signature is 3/4, indicated by the '3' over the '4' at the top left and bottom left of the page.

107

The musical score is arranged in a standard orchestral format. The instruments listed on the left side of the page are: Picc., Fls. 1 and 2., Fls. 3 and 4., Obs. 1 and 2., B♭ Cl. 1., B♭ Cl. 2., B♭ Cl. 3., B. Cl., Cb. Cl., S. Sx., A. Sx., T. Sx., B. Sx., Bsns. 1 and 2., Hns. 1 and 3., Hns. 2 and 4., Tpt. 1., Tpt. 2., Tpt. 3., Tbn. 1 and 2., B. Tbn., Euphs. 1 and 2., Tba., Timp., Perc. 1 (Bass Drum), Perc. 2 (Drum Set), Perc. 3 (Thunder Sheet), Perc. 4 (Suspended Cymbal), Perc. 5 (Triangle), Pno., E. Gtr., E. B., and D. B. The score features various musical notations including notes, rests, dynamics (e.g., *mp*, *mf*, *p*), and articulation marks. The percussion parts include complex rhythmic patterns with accents and dynamic markings.

5 Mvt. II

115

4

This page of the musical score, page 16, contains the following parts and markings:

- Picc.**: Piccolo, starting with a *f* dynamic.
- Fls. 1 and 2.**: Flutes 1 and 2, with dynamics *f*, *mp*, *mf*, and *f*. Includes a *tr* (trill) marking.
- Fls. 3 and 4.**: Flutes 3 and 4, with dynamics *f*, *mp*, *mf*, and *f*. Includes a *tr* (trill) marking.
- Ob. 1**: Oboe 1, with dynamics *mf* and *f*.
- Ob. 2**: Oboe 2, with dynamics *f* and *mf*.
- B♭-Cl 1.**: Bass Clarinet 1, with dynamics *f* and *mf*.
- B♭-Cl 2 and 3.**: Bass Clarinet 2 and 3, with dynamics *mf* and *f*.
- B. Cl.**: Bass Clarinet, with dynamics *f-mp*, *fmp*, *mf*, *fp*, *mf*, *mf*, *fp*, and *f*.
- Cb. Cl.**: Contrabass Clarinet, with dynamics *f*, *mf*, *sub. mp*, and *f*.
- S. Sax.**: Soprano Saxophone, with dynamics *mf* and *f*.
- A. Sax.**: Alto Saxophone, with dynamics *f* and *mf*.
- T. Sax.**: Tenor Saxophone, with dynamics *f* and *mf*.
- B. Sax.**: Baritone Saxophone, with dynamics *mf* and *f*.
- Bsns. 1 and 2.**: Bassoons 1 and 2, with dynamics *f-mp* and *f*.
- Hns. 1 and 3.**: Horns 1 and 3, with dynamics *f*, *fp*, *mf*, *fp*, *mf*, *fp*, and *f*.
- Hns. 2 and 4.**: Horns 2 and 4, with dynamics *f*, *fp*, *mf*, *fp*, *mf*, *fp*, and *f*.
- Tpt. 1.**: Trumpet 1, with dynamics *f* and *mf*.
- Tpts. 2 and 3.**: Trumpets 2 and 3, with dynamics *f* and *mf*.
- Tbns. 1 and 2.**: Trombones 1 and 2, with dynamics *f*, *fp*, *mf*, *fp*, *mf*, *fp*, and *f*.
- B. Tbn.**: Baritone Trombone, with dynamics *f*, *fp*, *mf*, *fp*, *mf*, *fp*, and *f*.
- Euphs. 1 and 2.**: Euphoniums 1 and 2, with dynamics *f*, *fp*, *mf*, *fp*, *mf*, *fp*, and *f*.
- Tba.**: Tuba, with dynamics *f*, *sub. mp*, and *f*.
- Timp.**: Timpani, with dynamics *f* and *mp*.
- Perc. 1**: Percussion 1, including Bass Drum and Temple Blocks, with dynamics *f* and *mp*.
- Perc. 2**: Percussion 2, including Drum Set, with dynamics *f* and *mp*.
- Perc. 3**: Percussion 3, including Thunder Sheet, Marimba, and Suspended Cymbal, with dynamics *f*, *mf*, *sub. p*, and *sub. p*.
- Perc. 4**: Percussion 4, including Triangle, with dynamics *f*.
- Perc. 5**: Percussion 5, including Xylophone, with dynamics *f* and *mf*.
- Pno.**: Piano, with dynamics *f*.
- E. Gtr.**: Electric Guitar, with dynamics *f* and *p*.
- E. B.**: Electric Bass, with dynamics *f* and *sub. mp*.
- D. B.**: Double Bass, with dynamics *f* and *sub. mp*.

123

Picc.

Fls. 1 and 2.

Fls. 3 and 4.

Obs. 1 and 2.

B♭ Cl. 1.

B♭ Cl. 2 and 3.

B. Cl.

Cb. Cl.

S. Sax.

A. Sax.

T. Sax.

B. Sax.

Bans. 1 and 2.

Hns. 1 and 3.

Hns. 2 and 4.

Tpt. 1.

Tpts. 2 and 3.

Tbns. 1 and 2.

B. Tbn.

Euphs. 1 and 2.

Tba.

Timp.

Perc. 1 Temple Blocks

Perc. 2 Drum Set

Perc. 3 Marimba

Perc. 4 Vibraphone

Perc. 5 Xylophone

Pno.

E. Gtr.

E. B.

D. B.

sub. mp

mp

mf

f

4 3
4 4

128

Picc.

Fls. 1 and 2.

Fls. 3 and 4.

Ob. 1

Ob. 2

B♭ Cl. 1.

B♭ Cl. 2 and 3.

B. Cl.

Cb. Cl.

S. Sx.

A. Sx.

T. Sx.

B. Sx.

Bsns. 1 and 2

Hns. 1 and 3

Hns. 2 and 4

Tpt. 1

Tpts. 2 and 3.

Tbns. 1 and 2

B. Tbn.

Euphs. 1 and 2.

Tba.

Timp.

Perc. 1
Temple Blocks

Perc. 2
Drum Set
sub *p*

Perc. 3
Marimba

Perc. 4
Vibraphone
mf

Perc. 5
Xylophone
mp

Pno
mp

E. Gtr.
mp

E. B.

D. B.
4 3
4 4

137 $\frac{4}{4}$ ♩ = 90 (♩. = ♩) $\frac{2}{4}$ $\frac{3}{4}$

Picc.

Fls. 1 and 2.

Fls. 3 and 4.

Obs. 1 and 2.

B♭ Cl. 1.

B♭ Cl. 2 and 3.

B. Cl.

Cb. Cl.

A. Sax. 1.

A. Sax.

T. Sax.

B. Sax.

Bsns. 1 and 2.

Hns. 1 and 3.

Hns. 2 and 4.

Tpt. 1.

Tpts. 2 and 3.

Tbns. 1 and 2.

B. Tbn.

Euphs. 1 and 2.

Tba.

Timp.

Temp. Blocks

Perc. 1

Drum Set

Perc. 2

Marimba

Vibraphone

Perc. 4

Xylophone

Perc. 5

Pno.

E. Gtr.

E. B.

D. B.

$\frac{4}{4}$ $\frac{2}{4}$ $\frac{3}{4}$

4
4

3
4

145

Picc.

Fls. 1 and 2.

Fls. 3 and 4.

Obs. 1 and 2.

E♭ Cl.

B♭ Cl 2 and 3.

B. Cl.

Cb. Cl.

A. Sax. 1.

A. Sax.

T. Sax.

B. Sax.

Bsns. 1 and 2.

Hns. 1 and 3.

Hns. 2 and 4.

Tpt. 1.

Tpts. 2 and 3.

Tbns. 1 and 2.

B. Tbn.

Euphs. 1 and 2.

Tba.

Timp.

Perc. 1 Bass Drum

Perc. 2 Drum Set

Perc. 3 Marimba

Perc. 4 Snare Drum

Perc. 5 Xylophone

Pno.

E.Gtr.

E.B.

D.B.

4
4

3
4

4
4

3
4

153

Picc.

Fls. 1 and 2.

Fls. 3 and 4.

Obs. 1 and 2.

E♭ Cl.

B♭ Cl 2 and 3.

B. Cl.

C♭ Cl.

A. Sax. 1.

A. Sax.

T. Sax.

B. Sax.

Bsns. 1 and 2.

Hns. 1 and 3.

Hns. 2 and 4.

Tpt. 1.

Tpts. 2 and 3.

Tbns. 1 and 2.

B. Tbn.

Euphs. 1 and 2.

Tba.

Timp.

Perc. 1
Bass Drum

Perc. 2
Drum Set
Ride Cymbal Dome

Perc. 3
Marimba

Perc. 4
Snare Drum

Perc. 5
Xylophone

Pno.

E.Gtr.

E.B.

D.B.

159

This musical score page, numbered 159, is arranged in a standard orchestral layout. The instruments are listed on the left side of the page, with their corresponding staves. The score is divided into four measures. The Piccolo, Flutes (1 and 2, 3 and 4), Oboes (1 and 2), Clarinets (E♭, B♭, B, C♭), Saxophones (A, T, B), and Basses (1 and 2) parts are mostly silent in this section. The Horns (1 and 3, 2 and 4) play a melodic line starting in the second measure with a *p* dynamic, moving to *mf* and then *mp*. The Trumpets (2 and 3) play a rhythmic pattern of eighth notes, starting with *pp* and *mp*, then *sub. p*, and finally *sfz*. The Trombones (1 and 2) and Euphoniums (1 and 2) are silent. The Tuba plays a simple harmonic line starting in the second measure with a *p* dynamic, moving to *mf*. The Timpani play a rhythmic pattern of eighth notes, starting with *pp* and *mf*, then *sfz*. The Percussion section includes Bass Drum, Drum Set, Marimba, Snare Drum, and Xylophone. The Marimba and Snare Drum play rhythmic patterns, with the Marimba starting with *pp* and *mp*, and the Snare Drum starting with *pp* and *mf*. The Xylophone plays a rhythmic pattern starting in the second measure with a *pp* dynamic, moving to *mp* and then *mf*. The Piano plays a harmonic line starting in the second measure with a *mp* dynamic. The Electric Guitar and Double Bass play rhythmic patterns, with the Electric Guitar starting with *pp* and *mp*, then *sub. p*, and finally *mf* and *sfz*. The Double Bass plays a simple harmonic line starting in the second measure with a *mf* dynamic, moving to *sfz*.

5
4

4
4

163

Picc.

Fls. 1 and 2.

Fls. 3 and 4.

Obs. 1 and 2.

E♭ Cl.

B♭ Cl 2 and 3.

B. Cl.

Cb. Cl.

A. Sax. 1.

A. Sax.

T. Sax.

B. Sax.

Bsns. 1 and 2.

Hns. 1 and 3.

Hns. 2 and 4.

Tpt. 1.

Tpts. 2 and 3.

Tbns. 1 and 2.

B. Tbn.

Euphs. 1 and 2.

Tba.

Timp.

Bass Drum

Perc. 1

Drum Set

Perc. 2

Marimba

Perc. 3

Snare Drum

Perc. 4

Xylophone

Perc. 5

Pno.

E. Gtr.

E. B.

D. B.

5
4

4
4

167

Picc.

Fls. 1 and 2.

Fls. 3 and 4.

Obs. 1 and 2.

E♭ Cl.

B♭ Cl. 2 and 3.

B. Cl.

Cb. Cl.

A. Sax. 1

A. Sax.

T. Sax.

B. Sax.

Bsns. 1 and 2.

Hns. 1 and 3.

Hns. 2 and 4.

Tpt. 1

Tpts. 2 and 3.

Tbns. 1 and 2.

B. Tbn.

Euphs. 1 and 2.

Tba.

Timp.

Bass Drum

Perc. 1

Drum Set

Perc. 2

Marimba

Perc. 3

Snare Drum

Perc. 4

Xylophone

Perc. 5

Pno.

E. Gtr.

E. B.

D. B.

171

3/4 4/4

Picc.

Fls. 1 and 2.

Fls. 3 and 4.

Obs. 1 and 2

E♭ Cl.

B♭ Cl 2 and 3.

B. Cl.

Cb. Cl.

A. Sx. 1

A. Sx.

T. Sx.

B. Sx.

Bsns. 1 and 2

Hns. 1 and 3

Hns. 2 and 4

Tpt. 1

Tpts. 2 and 3.

Tbns. 1 and 2

B. Tbn.

Euphs. 1 and 2.

Tba.

Timp.

Perc. 1
Bass Drum

Perc. 2
Drum Set

Perc. 3
Marimba

Perc. 4
Snare Drum

Perc. 5
Xylophone

Pno.

E.Gtr.

E.B.

D.B.

3/4 4/4

3
4 *accelerando poco a poco*

175

Picc. *sub p* *f*

Fls. 1 and 2.

Fls. 3 and 4.

Obs. 1 and 2 *sub p* *f*

E♭ Cl. *sub p* *f*

B♭ Cl 2 and 3. *sub p* *f*

B. Cl. *sub p* *f*

Cb. Cl. *sub p* *f*

A. Sx. 1 *sub p* *f*

A. Sx. *sub p* *f*

T. Sx. *sub p* *f*

B. Sx. *sub p* *f*

Bans. 1 and 2 *sub p* *f*

Hns. 1 and 3 *mf* *sub p* *f*

Hns. 2 and 4 *mf* *sub p* *f*

Tpt. 1 *mf* *sub p* *f*

Tpts. 2 and 3. *sub p* *f*

Tbns. 1 and 2 *sub p* *f*

B. Tbn. *sub p* *f*

Euphs. 1 and 2. *sub p* *f*

Tba. *sub p* *f*

Timp. *sub p* *mf*

Perc. 1 Bass Drum *sub p* *mf*

Perc. 2 Drum Set *mf*

Perc. 3 Mahler Hammer *f*

Perc. 4 Suspended Cymbal *mf*

Perc. 5 Triangle *mf*

Pno. *mf* *f*

E.Gtr. *mf* *f*

E.B. *f*

D.B. *f*

3
4 *f*

179 *(accel. poco a poco)*

Picc.

Fls. 1 and 2.

Fls. 3 and 4.

Obs. 1 and 2.

E♭ Cl.

B♭ Cl 2 and 3.

B. Cl.

Cb. Cl.

A. Sx. 1

A. Sx.

T. Sx.

B. Sx.

Bsns. 1 and 2.

Hns. 1 and 3.

Hns. 2 and 4.

Tpt. 1

Tpts. 2 and 3.

Tbns. 1 and 2.

B. Tbn.

Euphs. 1 and 2.

Tba.

Timp.

Bass Drum

Perc. 1

Drum Set

Perc. 2

Thunder Sheet

Perc. 3

Suspended Cymbal

Perc. 4

Triangle

Perc. 5

Pno.

E. Gtr.

E. B.

D. B.

185 (accel. poco a poco)

Picc.

Fls. 1 and 2.

Fls. 3 and 4.

Obs. 1 and 2

E♭ Cl.

B♭ Cl 2 and 3.

B. Cl.

Cb. Cl.

A. Sx. 1

A. Sx.

T. Sx.

B. Sx.

Bsns. 1 and 2

Hns. 1 and 3

Hns. 2 and 4

Tpt. 1

Tpts. 2 and 3.

Tbns. 1 and 2

B. Tbn.

Euphs. 1 and 2.

Tba.

Timp.

Bass Drum

Perc. 1

Drum Set

Perc. 2

Thunder Sheet

Perc. 3

Suspended Cymbal

Perc. 4

Triangle

Perc. 5

Pno.

E.Gtr.

E.B.

D.B.

5
4

193 $\frac{5}{4}$ = 140 Mvt. III

This page of a musical score, page 29, is for the third movement (Mvt. III) of a symphony, starting at measure 193. The time signature is 5/4, with a tempo of 140 beats per minute. The score is arranged in 25 staves, each representing a different instrument or section of the orchestra. The instruments listed on the left are: Picc., Fls. 1 and 2., Fls. 3 and 4., Ob. 1., Ob. 2., B♭-Cl. 1., B♭-Cl. 2., B♭-Cl. 3., B. Cl., Eb-Cl., S. Sax., A. Sax., T. Sax., B. Sax., Bsns. 1 and 2., Hns. 1 and 3., Hns. 2 and 4., Tpt. 1., Tpts. 2 and 3., Tbn. 1 and 2., B. Tbn., Euphs. 1 and 2., Tba., Timp., Perc. 1 (Bass Drum), Perc. 2 (Drum Set), Perc. 3 (Thunder Sheet and Marimba), Perc. 4 (Suspended Cymbal and Vibraphone), Perc. 5 (Triangle and Xylophone), Pno., E. Gtr., E. B., and D. B. The score includes various dynamic markings such as *f*, *mf*, *mp*, and *sub mp*, and features complex rhythmic patterns, including triplets and sixteenth-note runs. The bottom of the page shows the beginning of the next page with the 5/4 time signature and a *f* dynamic marking.

4
4

3
4

5
4

198

Picc.
 Fls. 1 and 2.
 Fls. 3 and 4.
 Obs. 1 and 2.
 B♭ Cl. 1.
 B♭ Cl. 2 and 3.
 B. Cl.
 Cb. Cl.
 S. Sax.
 A. Sax.
 T. Sax.
 B. Sax.
 Bsns. 1 and 2.
 Hns. 1 and 3.
 Hns. 2 and 4.
 Tpt. 1.
 Tpts. 2 and 3.
 Tbns. 1 and 2.
 B. Tbn.
 Euphs. 1 and 2.
 Tba.
 Timp.
 Perc. 1: Bass Drum
 Perc. 2: Drum Set
 Perc. 3: Marimba
 Perc. 4: Vibraphone
 Perc. 5: Xylophone
 Pno.
 E. Gtr.
 E. B.
 D. B.

Musical score for page 30, measures 198-201. The score includes staves for woodwinds (Piccolo, Flutes, Oboes, Clarinets, Saxophones), brass (Trumpets, Trombones, Tuba, Timpani), percussion (Bass Drum, Drum Set, Marimba, Vibraphone, Xylophone), piano, guitar, bass, and double bass. The score features complex rhythmic patterns and dynamic markings such as *mf*, *sub. p*, *f*, and *p*.

202
6/4

5/4

4/4

ritenuto

Picc. *mf* *mf* *mf* *f* *mp* *f* *mp* *f*

Fls. 1 and 2. *mf* *mf* *mf* *f* *mp* *f* *mp* *f*

Fls. 3 and 4. *mf* *mf* *mf* *f* *mp* *f* *mp* *f*

Obs. 1 and 2

Ob. 1 *mf* *f* *mf* *f* *f* *mp* *mf* *mp* *mf* *f*

Ob. 2 *mf* *f* *mf* *f* *mp* *mf* *mp* *mf* *f*

B♭ Cl. 1. *mf* *f* *mf* *f* *f* *mp* *mf* *mp* *mf* *f*

B♭ Cl. 2. *mf* *f* *mf* *f* *mp* *mf* *mp* *mf* *f*

B♭ Cl. 3. *mf* *f* *mf* *f* *mp* *mp* *mf* *f*

B. Cl.

Cb. Cl.

S. Sax. *mf* *f* *mf* *f* *mf* *mp* *mp* *mf* *f*

A. Sax.

T. Sax.

B. Sax.

Bsns. 1 and 2

Hns. 1 and 3

Hns. 2 and 4

Tpt. 1

Tpts. 2 and 3.

Tbns. 1 and 2. *sub. mp* *mf* *sub. mp* *mf* *mf* *p* *mp* *mf*

B. Tbn.

Euphs. 1 and 2.

Tba.

Timp. *sub. mp*

Perc. 1 Bass Drum

Perc. 2 Drum Set *sub. p* *mp*

Perc. 3 Marimba

Perc. 4 Vibraphone

Perc. 5 Xylophone

Pno.

E.Gtr. *mf* *f* *mf* *f* *mp* *mf* *mp* *mf* *f*

E.B.

D.B. 6/4 5/4 4/4

210 $\text{♩} = 70$ $\frac{5}{4}$ $\frac{4}{4}$ $\frac{5}{4}$

Picc.

Fls. 1 and 2.

Fls. 3 and 4.

Obs. 1 and 2.

E♭ Cl.

B♭ Cl. 2.

B♭ Cl. 3.

B. Cl.

Cb. Cl.

S. Sx.

A. Sx.

T. Sx.

B. Sx.

Bans. 1 and 2.

Hns. 1 and 3.

Hns. 2 and 4.

Tpt. 1.

Tpts. 2 and 3.

Tbns. 1 and 2.

B. Tbn.

Euphs. 1 and 2.

Tba.

Timp.

Bass Drum

Perc. 1

Drum Set

Perc. 2

Marimba

Perc. 3

Suspended Cymbal

Perc. 4

Xylophone

Perc. 5

Pno.

E.Gtr.

E.B.

D.B.

$\frac{5}{4}$ $\frac{4}{4}$ $\frac{5}{4}$

4/4 5/4 4/4 5/4 4/4

218

Picc.

Fls. 1 and 2.

Fls. 3 and 4.

Obs. 1 and 2.

E♭ Cl.

B♭ Cl. 2

B♭ Cl. 3

B. Cl.

Cb. Cl.

S. Sx.

A. Sx.

T. Sx.

B. Sx.

Bsns. 1 and 2.

Hns. 1 and 3

Hns. 2 and 4

Tpt. 1

Tpts. 2 and 3.

Tbns. 1 and 2.

B. Tbn.

Euphs. 1 and 2.

Tba.

Timp.

Perc. 1
Bass Drum

Perc. 2
Drum Set

Perc. 3
Marimba

Perc. 4
Suspended Cymbal

Perc. 5
Triangle

Pno.

E.Gtr.

E.B.

D.B.

mp *mf* *f* *p* *sub. p* *mf*

2 4 4 3 5
4 4 4 4 4

226

Picc.

Fls. 1 and 2. *p* *f*

Fls. 3 and 4.

Obs. 1 and 2. *p* *f*

E♭ Cl. *p* *f*

B♭ Cl. 2 *p* *f*

B♭ Cl. 3 *p* *f*

B. Cl. *p* *mf*

Cb. Cl. *p* *mf*

S. Sx.

A. Sx.

T. Sx. *mf* *f*

B. Sx.

Bsns. 1 and 2. *p* *mf* *p* *mf*

Hns. 1 and 3.

Hns. 2 and 4.

Tpt. 1. *mf* *f*

Tpts. 2 and 3.

Tbns. 1 and 2. *f* *mf* *p* *mf*

B. Tbn. *mf* *p* *mf*

Euphs. 1 and 2. *mf* *f*

Tba. *mf* *p* *mf*

Timp. *p* *f*

Bass Drum

Perc. 1. *mp* *mf* *mp* *mf*

Drum Set

Perc. 2.

Marimba

Perc. 3.

Suspended Cymbal

Perc. 4. *p* *mf* *p* *mf*

Triangle

Perc. 5. *mf*

Pno. *mp* *mf* *mp* *mf*

E. Gtr.

E. B.

D.B. *mp* *mf* *mp* *mf*

232 $\frac{5}{4}$ $\frac{4}{4}$ $\frac{5}{4}$ $\frac{4}{4}$

Picc. $\frac{5}{4}$

Fls. 1 and 2. *f* *mf* *sub. p*

Fls. 3 and 4. *mf* *sub. p*

Obs. 1 and 2. *f* *mf* *sub. p*

E♭ Cl. *f* *mf* *sub. p*

B♭ Cl. 2. *f* *mf* *sub. p*

B♭ Cl. 3.

B. Cl. *p* *mf* *p* *mf* *p* *mf*

Cb. Cl. *p* *mf* *p* *mf* *p* *mf*

S. Sx.

A. Sx.

T. Sx. *f* *mf* *sub. p*

B. Sx.

Bsns. 1 and 2. *p* *mf* *p* *mf* *p* *mf* *p*

Hns. 1 and 3.

Hns. 2 and 4.

Tpt. 1. *f* *mf* *sub. p*

Tpts. 2 and 3.

Tbns. 1 and 2. *p* *mf* *p* *mf* *p*

B. Tbn. *p* *mf* *p* *mf* *p*

Euphs. 1 and 2. *f* *mf* *sub. p*

Tba. *p* *mf* *p* *mf* *p*

Timp. *p*

Perc. 1. Bass Drum *mp* *mf* *mp* *mf* *mp* *p*
 Drum Set

Perc. 2. Marimba

Perc. 3. Suspended Cymbal

Perc. 4. Triangle *p*

Perc. 5.

Pno. *mp* *mf* *mp* *mf* *mp* *p*

E.Gtr.

E.B.

D.B. $\frac{5}{4}$ $\frac{4}{4}$ $\frac{5}{4}$ $\frac{4}{4}$ *mp* *mf* *mp* *mf* *mp* *p*

4
4

5
4

238

Picc.
 Fls. 1 and 2.
 Fls. 3 and 4.
 Obs. 1 and 2.
 En. Cl.
 B-Cl 2 and 3.
 B. Cl.
 Cb. Cl.
 S. Sax.
 A. Sax.
 T. Sax.
 B. Sax.
 Bsns. 1 and 2.
 Hns. 1 and 3.
 Hns. 2 and 4.
 Tpt. 1.
 Tpts. 2 and 3.
 Tbns. 1 and 2.
 B. Tbn.
 Euphs. 1 and 2.
 Tba.
 Timp.
 Perc. 1: Bass Drum, Drum Set
 Perc. 2: Marimba
 Perc. 3: Suspended Cymbal
 Perc. 4: Triangle
 Perc. 5: Triangle
 Pno.
 E.Gtr.
 E.B.
 D.B.

4
4

7
4

5
4

247

Picc.

Fls. 1 and 2.

Fls. 3 and 4.

Obs. 1 and 2

E♭ Cl.

B♭ Cl 2 and 3.

B. Cl.

Cb. Cl.

S. Sax.

A. Sax.

T. Sax.

B. Sax.

Bsns. 1 and 2

Hns. 1 and 3

Hns. 2 and 4

Tpt. 1

Tpts. 2 and 3.

Tbns. 1 and 2

B. Tbn.

Euphs. 1 and 2.

Tba.

Timp.

Bass Drum

Perc. 1

Drum Set

Perc. 2

Marimba

Perc. 3

Tubular Bells

Perc. 4

Xylophone

Perc. 5

Pno

E.Gtr.

E.B.

D.B.

Detailed description of the musical score: This is a page from a symphonic score, page 37. The page is divided into systems for different instruments. The first system includes Piccolo (Picc.), Flutes 1 and 2, Flutes 3 and 4, Oboes 1 and 2, E♭ Clarinet, B♭ Clarinets 2 and 3, Bass Clarinet, Contrabass Clarinet, Saxophones (Soprano, Alto, Tenor, Baritone), Bassoons 1 and 2, Horns (1 and 3, 2 and 4), Trumpets (1, 2 and 3), Trombones (1 and 2, Baritone, Euphonium 1 and 2, Tuba), Timpani, Percussion 1 (Bass Drum), Percussion 2 (Drum Set), Percussion 3 (Marimba), Percussion 4 (Tubular Bells), Percussion 5 (Xylophone), Piano, Electric Guitar, Electric Bass, and Double Bass. The score features complex rhythmic patterns and dynamic markings. The meter changes from 4/4 to 7/4 and then to 5/4. The page is numbered 247 at the top left.

Percussion Key

Bass Drum

A musical staff with a treble clef. It contains two notes: a quarter note on the first line (labeled 'Bass Drum') and a quarter note on the second line (labeled 'Rim of Bass Drum').

Drum Set

A musical staff with a treble clef. It contains ten notes: a quarter note on the first line (High Hat (Foot)), a quarter note on the first space (Kick Drum), a quarter note on the second line (Floor Tom), a quarter note on the second space (Snare Drum), a quarter note on the third line (Snare Drum Rim), a quarter note on the third space (High Tom (Right)), a quarter note on the fourth line (High Tom (Left)), a quarter note on the fourth space (Ride Cymbal), a quarter note on the fifth line (High Hat), and a quarter note on the fifth space (Crash Cymbal).

Temple Blocks

A musical staff with a treble clef. It contains five notes: a quarter note on the first line (Temple Block 1 (Lowest)), a quarter note on the second line (Temple Block 2), a quarter note on the second space (Temple Block 3), a quarter note on the third line (Temple Block 4), and a quarter note on the third space (Temple Block 5 (Highest)).

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