

KERNEL

by

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A THESIS

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and the Graduate School of the University of Oregon  
in partial fulfillment of the requirements  
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THESIS APPROVAL PAGE

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Title: Kernel

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## THESIS ABSTRACT

Jacob T. Walls

Master of Music

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Title: Kernel

*Kernel* is a fifteen-minute work for wind ensemble. Its unifying strands of rhythm, melody, and harmony are spun out of simple four-note tone clusters which undergo changes in contour, intervallic inversion, register, texture, and harmonic environment. These four notes make up the “kernel” of the work, a word used by Breton to refer to the indestructible element of darkness prior to all creative invention, as well as a term used in computer science to refer to the crucial element of a system that, if it should fail, does so loudly.

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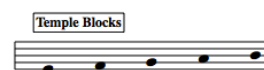
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Claves  
Ratchet



PERCUSSION 3:

Marimba  
Tam-Tam  
Bongos  
Tambourine  
Susp. Cymbal



HARP

PIANO

DOUBLE BASS  
(1 player)

# kernel

Flute 1/Piccolo *fp* **Piccolo** *p* *mf* *p*

Flute 2 *fp*

Flute 3/Alto Flute *fp* **Flute** to Alto Flute **Alto Flute** *f*

Oboe 1 *fp* *p* *mf* *p*

Oboe 2 *fp*

English Horn

Clarinet in E♭ *fp* *p* *mf* *p*

Clarinet in B♭ *f*

Bass Clarinet

Bassoon 1 *mf* *p*

Bassoon 2 *mf* *p*

Contrabassoon

Distant, delicate ♩ = 96

Horn 1 *p* *mf* *p*

Horn 2 *p* *mf* *p*

Horn 3 *p* *mf* *p*

Horn 4 *mf* *p*

Trumpet in C 1

Trumpet in C 2

Trombone 1

Trombone 2

Bass Trombone

Tuba

Percussion 1 **Vibraphone** medium-hard mallets *p* *mf*

Percussion 2 **Temple Blocks** rubber mallets *f* *mf*

Percussion 3 **Bongos** rubber mallets *f* *mf* **Tambourine** *f* *p*

Harp *f* sounding octave higher

Piano *f* *mf* *loco*

Double Bass *f*



7 to Flute

Fl. 1  
Fl. 2  
A. Fl.  
Ob. 1  
Ob. 2  
E. Hn.  
Eb Cl.  
Bb Cl.  
B. Cl.  
Bsn. 1  
Bsn. 2  
C. Bn.  
Hn. 1  
Hn. 2  
Hn. 3  
Hn. 4  
Tpt. 1  
Tpt. 2  
Tbn. 1  
Tbn. 2  
Perc. 1  
Perc. 2  
Perc. 3  
Hp.  
Pno.  
Db.

Vibraphone  
Glockenspiel

Straight mute  
Pluck while muting (xylo. effect)

*f*  
*ff*  
*mf*  
*p*

8va  
loco  
pizz.

11 Poco più mosso ♩ = 116

Flute

Fl. 1 *pp* *ppp*

Fl. 2 *pp* *ppp*

A. Fl.

Ob. 1

Ob. 2

E. Hn.

E♭ Cl.

B♭ Cl.

B. Cl. *mf* *f*

Bsn. 1 *pp* *ppp*

Bsn. 2 *pp* *ppp*

C. Bn.

11 Poco più mosso ♩ = 116

Take Mute

Hn. 1

Take Mute

Hn. 2

Mute *pp* *ppp*

Hn. 3

Mute *pp* *ppp*

Hn. 4

Tpt. 1

Tpt. 2

Log Drum *pp*

Crotales

Perc. 2

Tam-Tam  
scrape (metal beater) *f*

Perc. 3

Hp. *f*

Pno.

Db. *f* *pizz.* *mf*

*poco accel.* -----

15

Fl. 1 *pp* *p* *mp*

Fl. 2 *pp* *p* *mp*

A. Fl. *f* *ff* *mf* *f*

Ob. 1 *f*

Ob. 2 *f*

E. Hn. *shawm-like* *f* *mp*

E♭ Cl. *f* *mp* *mf*

B♭ Cl. *mf* *f*

B. Cl. *mf* *f*

Bsn. 1 *pp* *p*

Bsn. 2 *pp* *p*

C. Bn.

*poco accel.* -----

15

Hn. 1 *mf* *f* *mf* *f*

Hn. 2 *p* *mf*

Hn. 3 *pp* *p* *mp*

Hn. 4 *pp* *p* *mp*

Tpt. 1

Tpt. 2 *mf*

Perc. 1 *mf* *f*

Perc. 2 *f* *p* *mp*

Perc. 3 *f*

Hp. *f* *sfz* *sfz*

Pno. *f* *mp* *f*

Db. *mp* *mf* *f*

Log Drum

Crotales

Tam-Tam

Harmon w/ stem

20 ♩ = 63

18

Fl. 1 *f*

Fl. 2 *f*

A. Fl. *ff*

Ob. 1 *mf* *mp*

Ob. 2 *mf* *f*

E. Hn. *f*

E♭ Cl. *f*

B♭ Cl. *f*

B. Cl. *f*

Bsn. 1 *f* *mp*

Bsn. 2 *f* *mp*

C. Bn. *mp*

20 ♩ = 63

18

Hn. 1 *ff*

Hn. 2 *p*

Hn. 3 *mp*

Hn. 4 *mp*

Tpt. 1 *f*

Tpt. 2 *f* *p*

Perc. 1 *mf*

Perc. 2

Perc. 3

Hp. *sfz* *ff*

Pno. *mp*

Db. *f*

Bell Tree

gliss. - w/ nails

D♯ C♯ B♯  
E♯ F♯ G♯ A♯

arco

Musical score for orchestra and piano, measures 21-23. The score is arranged in a standard orchestral layout with woodwinds, brass, percussion, and strings.

**Flutes:** Fl. 1, Fl. 2, A. Fl. (Alto Flute), Ob. 1, Ob. 2.

**Clarinets:** E. Hn. (English Horn), Eb Cl. (E-flat Clarinet), Bb Cl. (B-flat Clarinet), B. Cl. (Bass Clarinet).

**Reeds:** Bsn. 1, Bsn. 2, C. Bn. (Contrabassoon).

**Brass:** Hn. 1, Hn. 2, Hn. 3, Hn. 4, Tpt. 1, Tpt. 2.

**Percussion:** Perc. 1 (Bell Tree), Perc. 2 (Glockenspiel), Perc. 3.

**Keyboard:** Hp. (Harp), Pno. (Piano), Db. (Double Bass).

**Measure 21:** Fl. 1 has a melodic line starting with a triplet of eighth notes. Fl. 2, A. Fl., and Ob. 1 have rests. E. Hn., Eb Cl., Bb Cl., and B. Cl. play a triplet of eighth notes. Bsn. 1, Bsn. 2, and C. Bn. have rests. Hn. 1, Hn. 2, Hn. 3, and Hn. 4 have rests. Tpt. 1 has a rest. Tpt. 2 has a triplet of eighth notes. Perc. 1 has a single eighth note. Perc. 2 and Perc. 3 have rests. Hp. has a single eighth note. Pno. has a triplet of eighth notes. Db. has a triplet of eighth notes.

**Measure 22:** Fl. 1 has a melodic line with a triplet of eighth notes. Fl. 2, A. Fl., and Ob. 1 have rests. E. Hn., Eb Cl., Bb Cl., and B. Cl. play a triplet of eighth notes. Bsn. 1, Bsn. 2, and C. Bn. have rests. Hn. 1, Hn. 2, Hn. 3, and Hn. 4 have rests. Tpt. 1 has a rest. Tpt. 2 has a triplet of eighth notes. Perc. 1 has a single eighth note. Perc. 2 and Perc. 3 have rests. Hp. has a single eighth note. Pno. has a triplet of eighth notes. Db. has a triplet of eighth notes.

**Measure 23:** Fl. 1 has a melodic line with a triplet of eighth notes. Fl. 2, A. Fl., and Ob. 1 have rests. E. Hn., Eb Cl., Bb Cl., and B. Cl. play a triplet of eighth notes. Bsn. 1, Bsn. 2, and C. Bn. have rests. Hn. 1, Hn. 2, Hn. 3, and Hn. 4 have rests. Tpt. 1 has a rest. Tpt. 2 has a triplet of eighth notes. Perc. 1 has a single eighth note. Perc. 2 has a triplet of eighth notes. Perc. 3 has a rest. Hp. has a single eighth note. Pno. has a triplet of eighth notes. Db. has a triplet of eighth notes.

**Dynamic markings:** *mf*, *f*, *p*, *mp*.

**Tempo/Performance markings:** *mf*, *f*, *p*, *mp*.

**Instrument-specific markings:** **Bell Tree**, **Glockenspiel**.

**Chord markings:** D $\sharp$  C $\flat$  B $\flat$ , E $\flat$  F $\sharp$  G $\sharp$  A $\flat$ .

24 *poco rit.* -----

Fl. 1 *mp* *p*

Fl. 2 *p*

A. Fl. *p*

Ob. 1 *mp* *p*

Ob. 2

E. Hn. *mf*

E♭ Cl. *mp*

B♭ Cl. *mf* *p*

B. Cl. *f* *mf* *f*

Bsn. 1 *mp* *pp*

Bsn. 2 *mp* *pp*

C. Bn. *mp* *pp*

24 *poco rit.* -----

Hn. 1 Remove Mute

Hn. 2 Remove Mute

Hn. 3 *p*

Hn. 4 *p*

Tpt. 1

Tpt. 2 *p* *mf* *p*

Perc. 1 *p* Toms

Perc. 2 Sandpaper Blocks *mp*

Perc. 3 Marimba *mf* *p*

Hp. *f* *mf*

Pno. *f*

Db. *f* *mf* pizz.

27 ♩ = 54

*poco rit.* -----

Fl. 1 *mfpp* *pp* *f* *pp*

Fl. 2 *mfpp* *pp* *mfpp* *pp*

A. Fl. *mfpp* *pp* *mfpp* *pp*

Ob. 1 *mfpp* *pp* *mfpp* *pp*

Ob. 2 *mfpp* *pp* *mfpp* *pp*

E. Hn. -

E♭ Cl. *mfpp* *pp* *mfpp* *pp*

B♭ Cl. *mf* *mf* *f* *f*

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

Bsn. 1 *f* *p*

Bsn. 2 *mf* *p* *f*

C. Bn. *mp* *pp*

27 ♩ = 54

*poco rit.* -----

Hn. 1 *f* *mp* *p*

Hn. 2 -

Hn. 3 *mp* *pp*

Hn. 4 *mp* *pp*

Tpt. 1 *p* *pp* *mf* *pp*

Tpt. 2 Take Straight Mute

Perc. 1 *Log Drum* *mf* *p*

Perc. 2 *Sandpaper Blocks*

Perc. 3 *Susp. Cymb.* *p* *mf* *scrape*

Hp. *f* *mf* *f* *p*

Pno. *f*

Db. *f*

31 Pushing ahead ♩ = 66

Fl. 1 *f*

Fl. 2

A. Fl.

Ob. 1 *f*

Ob. 2

E. Hn.

E♭ Cl.

B♭ Cl.

B. Cl. *mf* *p*

Bsn. 1

Bsn. 2

C. Bn.

31 Pushing ahead ♩ = 66

Hn. 1 *p* Open

Hn. 2 *p*

Hn. 3 *p*

Hn. 4 *p*

Tpt. 1 *p*

Tpt. 2 *mf* Straight mute

Tbn. 1 *f*

Perc. 1 *f* Vibraphone soft mallets

Perc. 2 *mp* Egg Shaker

Perc. 3 *f* Marimba

Hp. *f*

Pno. *mf*

Db. *f* arco



34

Fl. 1 *mf*

Fl. 2

A. Fl. *f*

Ob. 1 *mf*

Ob. 2

E. Hn. *mf* *f*

E♭ Cl. *f*

B♭ Cl. *f*

B. Cl. *mp* *f*

Bsn. 1

Bsn. 2

C. Bn.

34

Hn. 1 *fp*

Hn. 2 *fp*

Hn. 3 *fp*

Hn. 4 *fp*

Tpt. 1 *f* *p* Take Mute

Tpt. 2 *mf* *f*

Vibraphone

Perc. 1 *mf*

Egg Shaker

Perc. 2

Marimba *mf*

Perc. 3

Pno. *mf* *f* *mf*

Db. *mp* *f*

37 39

Fl. 1

Fl. 2

A. Fl.

Ob. 1

Ob. 2

E. Hn.

E♭ Cl.

B♭ Cl.

B. Cl.

Bsn. 1

Bsn. 2

C. Bn.

to Flute

*f*

*f*

*f*

*f*

*f*

*f*

*mp*

*mf*

*f*

*mp*

*f*

*mf*

*f*

*f*

*f*

37 39

Hn. 1

Hn. 2

Hn. 3

Hn. 4

Tpt. 1

Tpt. 2

Tbn. 1

Tbn. 2

B. Tbn.

*fp*

*fp*

*fp*

*fp*

*fp*

*fp*

*fp*

*fp*

*fp*

Perc. 1

Perc. 2

Perc. 3

Pno.

Db.

Ratchet

Bongos

Take Bow

*f*

*p*

*mf*

*mf*

*mf*

*mf*

*f*

*f*

*f*

42

Fl. 1

Fl. 2

Fl. 3

Ob. 1

Ob. 2

E. Hn.

E♭ Cl.

B♭ Cl.

B. Cl.

Bsn. 1

Bsn. 2

C. Bn.

tr

*p*

Flute

*f*

*p*

42

Hn. 1

Hn. 2

Hn. 3

Hn. 4

Tpt. 1

Tpt. 2

Tbn. 1

Tbn. 2

B. Tbn.

Take Mute

Straight mute

*f*

*p*

Perc. 1

Perc. 2

Perc. 3

Vibraphone

Ratchet

Susp. Cymb.  
bowed

*f*

*mf*

*p*

*f*

Pno.

Db.

*f*

*mp*

arco

rall. ----- 50 Faster yet ♩ = 76

48

Fl. 1

Fl. 2

Fl. 3

Ob. 1

Ob. 2

E. Hn.

E♭ Cl.

B♭ Cl.

B. Cl.

Bsn. 1

Bsn. 2

C. Bn.

48

Hn. 1

Hn. 2

Hn. 3

Hn. 4

Tpt. 1

Tpt. 2

Tbn. 1

Perc. 1

Perc. 2

Perc. 3

Hp.

Pno.

Db.

Vibraphone

Crotales

Tambourine

Susp. Cymb. scrape

Claves

Mute 3

Open

f

mf

ff

mp

sfz

pizz.

52 <sup>8<sup>va</sup></sup>

Fl. 1 *f*

Fl. 2 *fp*

Fl. 3

Ob. 1 *fp*

Ob. 2 *f*

E. Hn. *f*

E♭ Cl. *f*

B♭ Cl. *fp*

B. Cl. *f*

Bsn. 1 *f*

Bsn. 2

C. Bn. *mf*

52

Hn. 1 *f*

Hn. 2 *f*

Hn. 3 *f*

Hn. 4 *p*

Tpt. 1 *f*

Tpt. 2 *f*

Tbn. 1 *f*

Vibraphone

Perc. 1

Claves

Perc. 2

Susp. Cymb. scrape

Perc. 3 *f*

Pno.

Db. *mf*

55 (8va) -----

Fl. 1

Fl. 2

Fl. 3 *fp* to Alto Flute

Ob. 1 *f* 6 *mf* *f* 6

Ob. 2

E. Hn.

E♭ Cl.

B♭ Cl. *mf* *f* 3

B. Cl. *f* 3

Bsn. 1

Bsn. 2 *mf* 3 3 3

C. Bn.

This section of the score covers woodwind instruments. It includes parts for Flute 1, 2, and 3, Oboe 1 and 2, English Horn, E-flat Clarinet, B-flat Clarinet, Bass Clarinet, Bassoon 1 and 2, and Contrabassoon. The music features various dynamic markings such as *fp*, *f*, and *mf*, and includes technical markings like slurs, accents, and fingerings (e.g., '6' for Oboe 1 and '3' for B-flat Clarinet and Bass Clarinet).

55

Hn. 1

Hn. 2

Hn. 3 *mf* 3

Hn. 4

Tpt. 1

Tpt. 2

Tbn. 1

This section of the score covers horn and trumpet parts. It includes parts for Horn 1 through 4, Trumpet 1 and 2, and Trombone 1. Horn 3 is marked with *mf*. The music features frequent triplet and quintuplet markings, indicating a complex rhythmic structure.

Perc. 1 Log Drum *mf* 3

Perc. 2

Perc. 3 Susp. Cymb. *mf* 3 3 *f* 3 3 *f* Take Mallets

This section of the score covers percussion instruments. Percussion 1 plays the Log Drum, Percussion 2 plays an unspecified instrument, and Percussion 3 plays the Suspended Cymbal with mallets. Dynamics range from *mf* to *f*, and the music features numerous triplet markings.

Pno.

Db.

This section of the score covers the piano and double bass parts. The piano part features a complex texture with many sixteenth-note figures and slurs. The double bass part provides harmonic support with a more melodic and rhythmic line. Both parts include various dynamic markings and technical indications like slurs and accents.

58 (3rd)

Fl. 1 *p*

Fl. 2 *p*

Fl. 3

Ob. 1 *f* *p*

Ob. 2 *f* *p*

E. Hn. *p*

E♭ Cl. *f* *p*

B♭ Cl. *f* *p*

B. Cl. *f* *p*

Bsn. 1 *p*

Bsn. 2 *f* *p*

C. Bn. *p*

58

Hn. 1 *f* *p* Open

Hn. 2 *f* *p* Open

Hn. 3 *f* *p*

Hn. 4 *f* *p*

Tpt. 1

Tpt. 2

Tbn. 1 *f* *p*

Tbn. 2 *mf* *f* *p*

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

Tba. *f* *p*

Log Drum

Perc. 1

Perc. 2

Perc. 3

Susp. Cymb. Mallets

Hp.

"Gushing" chord *f*

"Thunder" strike *ff*

gliss. *mf*

Crotales *p*

Pno.

Db.

D♯ C# B♯  
E♯ F# G# A#

62 ♩ = 84

*poco accel.* -----

Fl. 1 *pp*

Fl. 2 *pp*

Fl. 3 *f* **Alto Flute**

Ob. 1 *fp*

Ob. 2 *fp*

E. Hn. *pp*

E♭ Cl. *fp*

B♭ Cl. *fp*

B. Cl. *f*

Bsn. 1

Bsn. 2

C. Bn.

62 ♩ = 84

*poco accel.* -----

Hn. 1 *fp*

Hn. 2 *fp*

Hn. 3 *fp*

Hn. 4 *fp*

Tpt. 1 *fp*

Tpt. 2 *fp*

Tbn. 1 *fp*

Tbn. 2 *fp*

Perc. 1 **Thunder Sheet**  
sticks  
*secco*  
*mp*

Perc. 2 *mf*

Perc. 3 **Tam-Tam**  
scrape (metal beater) - rim  
struck  
*mf*

Hp. *f*

Pno. *mf*



70 ♩ = 96

67

Fl. 1 *p* *mf* *f*

Fl. 2 *p* *mf*

A. Fl. *f*

Ob. 1 *fp* *f*

Ob. 2 *fp* *f*

E. Hn.

E♭ Cl. *fp*

B♭ Cl. *fp* *f*

B. Cl. *f*

Bsn. 1 *p* *mf* *f*

Bsn. 2 *p* *mf* *f*

C. Bn.

70 ♩ = 96

67

Hn. 1

Hn. 2

Hn. 3 *fp* *fp*

Hn. 4 *fp* *fp*

Tpt. 1 *f* *f*

Tpt. 2

Tbn. 1 *fp* *f* *fp*

Tbn. 2 *fp* *fp* *f*

B. Tbn.

Tba. *f*

Perc. 1 *mf* *f* **Thunder Sheet**

Perc. 2 *f* *mf* **Sandpaper Blocks**

Perc. 3 *f* *f* **Tam-Tam** **Susp. Cymb. choke**

Hp.

Pno.



rall. -----

77

Fl. 1

Fl. 2

A. Fl. *to Flute*

Ob. 1

Ob. 2

E. Hn.

E♭ Cl.

B♭ Cl.

B. Cl.

Bsn. 1

Bsn. 2

C. Bn.

*f*

rall. -----

77

Hn. 1

Hn. 2

Hn. 3

Hn. 4

Tpt. 1

Tpt. 2

Tbn. 1

Tbn. 2

B. Tbn.

*f*

*fp*

*f*

Perc. 1 **Thunder Sheet**

Perc. 2 **Sandpaper Blocks**

Perc. 3 **Susp. Cymb.**  
Mallets

*p*

Hp.

Pno.

Db.

*f*

*ff*

-----  $\text{♩} = 84$  *accel.* -----

Piccolo

81

Fl. 1 *p*  $\overset{3}{\text{trill}}$  *f* *mf*  $\overset{3}{\text{trill}}$  *f*

Fl. 2 *mf*  $\overset{3}{\text{trill}}$  *f*

A. Fl. -

Ob. 1 *mf*

Ob. 2 -

E. Hn. *ff* *pp*

E♭ Cl. *ff* *pp* *mf*  $\overset{3}{\text{trill}}$  *f*

B♭ Cl. *ff* *pp* *mf*  $\overset{3}{\text{trill}}$  *f*

B. Cl. *mf*

Bsn. 1 -

Bsn. 2 -

C. Bn. -

-----  $\text{♩} = 84$  *accel.* -----

81

Hn. 1 *ff* *pp* *f*

Hn. 2 *ff* *pp* *f*

Hn. 3 *ff* *pp* *f*

Hn. 4 *ff* *pp* *f*

Tpt. 1 *ff* *pp*

Tpt. 2 *ff* *pp*

Thunder Sheet

Perc. 1 *mp*

Perc. 2 *f*

Crotales bowed

Perc. 3 *f* *mf*

Marimba

Hp. *ff*  $\overset{3}{\text{trill}}$

Pno. *f*  $\overset{3}{\text{trill}}$   $\overset{5}{\text{trill}}$   $\overset{3}{\text{trill}}$   $\overset{5}{\text{trill}}$

85 87 ♩ = 104

Pc. *f* 3

Fl. 2 *f* 3

A. Fl.

Ob. 1 *ff*

Ob. 2

E. Hn.

E♭ Cl. *mf* 3 *f*

B♭ Cl. *mf* 3 *f*

B. Cl. *ff*

Bsn. 1

Bsn. 2

C. Bn.

85 87 ♩ = 104

Hn. 1 *ff* 3

Hn. 2 *ff* 3

Hn. 3 *ff*

Hn. 4 *ff*

Tpt. 1

Tpt. 2

Tbn. 1

Tbn. 2

B. Tbn.

Tba.

Thunder Sheet

Perc. 1 *ff*

Crotales

Perc. 2

Marimba *ff* 3 5 6

Perc. 3

Pno. *ff* 3 5 6

89

Fl. 1  
Fl. 2  
A. Fl.  
Ob. 1  
Ob. 2  
E. Hn.  
E♭ Cl.  
B♭ Cl.  
B. Cl.  
Bsn. 1  
Bsn. 2  
C. Bn.  
Hn. 1  
Hn. 2  
Hn. 3  
Hn. 4  
Tpt. 1  
Tpt. 2  
Tbn. 1  
Tbn. 2  
B. Tbn.  
Tba.  
Perc. 1  
Perc. 2  
Perc. 3  
Hp.  
Pno.  
Db.

Temple Blocks  
rubber mallets

Bongos  
hands

*f* *ff* *mf*

93

Fl. 1 *mf*

Fl. 2

Fl. 3 *f*

Ob. 1 *f*

Ob. 2 *f*

E. Hn. *f*

E♭ Cl. *f*

B♭ Cl. *f*

B. Cl. *f*

Bsn. 1 *f*

Bsn. 2

C. Bn.

Hn. 1

Hn. 2

Hn. 3 *f*

Hn. 4 *f*

Tpt. 1

Tpt. 2

Tbn. 1

Tbn. 2 *f*

B. Tbn. *f*

Tba.

Perc. 1 *f* Log Drum

Perc. 2 Temple Blocks

Perc. 3 *mf* Bongos

Hp. *f*

Pno. *mp*

Db. *f* arco

97

Fl. 1

Fl. 2

Fl. 3

Ob. 1

Ob. 2

E. Hn.

E♭ Cl.

B♭ Cl.

B. Cl.

Bsn. 1

Bsn. 2

C. Bn.

97

Hn. 1

Hn. 2

Hn. 3

Hn. 4

Tpt. 1

Tpt. 2

Tbn. 1

Tbn. 2

B. Tbn.

Tba.

Perc. 1

Perc. 2

Perc. 3

Hp.

Pno.

Db.

Bell Tree

Tambourine



102

Fl. 1  
Fl. 2  
Fl. 3  
Ob. 1  
Ob. 2  
E. Hn.  
E♭ Cl.  
B♭ Cl.  
B. Cl.  
Bsn. 1  
Bsn. 2  
C. Bn.

Hn. 1  
Hn. 2  
Hn. 3  
Hn. 4  
Tpt. 1  
Tpt. 2  
Tbn. 1  
Tbn. 2  
B. Tbn.  
Tba.

Perc. 1  
Perc. 2  
Perc. 3  
Pno.  
Db.

Vibraphone  
hard mallets

Temple Blocks

Tambourine

*mf* *f* *f*

*fp* *fp* *f* *fp* *f* *fp*

*mf*

106

Fl. 1

Fl. 2

Fl. 3

Ob. 1

Ob. 2

E. Hn.

E $\flat$  Cl.

B $\flat$  Cl.

B. Cl.

Bsn. 1

Bsn. 2

C. Bn.

106

Hn. 1

Hn. 2

Hn. 3

Hn. 4

Tpt. 1

Tpt. 2

Tbn. 1

Tbn. 2

B. Tbn.

Tba.

*fp*

*fp*

*fp*

*fp*

*fp*

Take Mute

Perc. 1

Perc. 2

Perc. 3

Pho.

Db.

*f*

*fp*

*f*

*ff*

Claves

*f*

110

Fl. 1  
Fl. 2  
Fl. 3  
Ob. 1  
Ob. 2  
E. Hn.  
E♭ Cl.  
B♭ Cl.  
B. Cl.  
Bsn. 1  
Bsn. 2  
C. Bn.

110

Hn. 1  
Hn. 2  
Hn. 3  
Hn. 4  
Tpt. 1  
Tpt. 2  
Tbn. 1  
Tbn. 2  
B. Tbn.  
Tba.

Perc. 1  
Perc. 2  
Perc. 3  
Pno.  
Db.

114

Fl. 1

Fl. 2

Fl. 3

Ob. 1

Ob. 2

E. Hn.

E♭ Cl.

B♭ Cl.

B. Cl.

Bsn. 1

Bsn. 2

C. Bn.

Hn. 1

Hn. 2

Hn. 3

Hn. 4

Tpt. 1

Tpt. 2

Tbn. 1

Tbn. 2

B. Tbn.

Tba.

Perc. 1

Perc. 2

Perc. 3

Pno.

Db.

*f*

*mf*

*mf*

*mf*

*mf*

*f*

*p*

*mf*

*f*

*mf*

Toms (rim)

119

Fl. 1

Fl. 2

Fl. 3

Ob. 1

Ob. 2

E. Hn.

E♭ Cl.

B♭ Cl.

B. Cl.

Bsn. 1

Bsn. 2

C. Bn.

119

Hn. 1

Hn. 2

Hn. 3

Hn. 4

Tpt. 1

Tpt. 2

Tbn. 1

Tbn. 2

B. Tbn.

Tba.

Perc. 1

Perc. 2

Perc. 3

Hp.

Pno.

Db.

123

Fl. 1 *to Piccolo*

Fl. 2

Fl. 3

Ob. 1

Ob. 2

E. Hn.

E♭ Cl.

B♭ Cl.

B. Cl.

Bsn. 1

Bsn. 2

C. Bn.

*ff*

*f*

123

Hn. 1

Hn. 2

Hn. 3

Hn. 4

Tpt. 1

Tpt. 2

Tbn. 1

Tbn. 2

B. Tbn.

Tba.

*fp*

*f*

Perc. 1 **Toms**

Perc. 2 **Claves**

Perc. 3

Hp.

*f*

Pno.

*mf*

Db.

129

Piccolo

Fl. 1

Fl. 2

Fl. 3

Ob. 1

Ob. 2

E. Hn.

E♭ Cl.

B♭ Cl.

B. Cl.

Bsn. 1

Bsn. 2

C. Bn.

129

Hn. 1

Hn. 2

Hn. 3

Hn. 4

Tpt. 1

Tpt. 2

Tbn. 1

Tbn. 2

B. Tbn.

Tba.

Perc. 1

Perc. 2

Perc. 3

Hp.

Pno.

Db.

136

Pc.  
Fl. 2  
Fl. 3  
Ob. 1  
Ob. 2  
E. Hn.  
Eb Cl.  
Bb Cl.  
B. Cl.  
Bsn. 1  
Bsn. 2  
C. Bn.

*mf*

*mf*

*mf*

*mf*

*mf*

*mf*

*mf*

*mf*

*mf*

*mf*

*mf*

*mf*

136

Hn. 1  
Hn. 2  
Hn. 3  
Hn. 4  
Tpt. 1  
Tpt. 2  
Tbn. 1  
Tbn. 2  
B. Tbn.  
Tba.  
Perc. 1  
Perc. 2  
Perc. 3  
Hp.  
Pno.  
Db.

Crotales

*mf*

Tam-Tam  
scrape (metal beater)

*f*

*sfz*

(See)



143

Pc.

Fl. 2

Fl. 3

Ob. 1

Ob. 2

E. Hn.

E♭ Cl.

B♭ Cl.

B. Cl.

Bsn. 1

Bsn. 2

C. Bn.

*mf*

*mf*

*fp*

*fp*

*p*

*p*

*p*

*f*

*p*

*p*

*p*

*p*

*p*

143

Hn. 1

Hn. 2

Hn. 3

Hn. 4

Tpt. 1

Tpt. 2

Tbn. 1

Tbn. 2

B. Tbn.

Tba.

*p*

*p*

*p*

Perc. 1

Perc. 2

Perc. 3

Log Drum

*mp*

Hp.

Pno.

Db.

*pizz.*

*f*



157

Pc.

Fl. 2

Fl. 3

Ob. 1

Ob. 2

E. Hn.

E♭ Cl.

B♭ Cl.

B. Cl.

Bsn. 1

Bsn. 2

C. Bn.

157

Hn. 1

Hn. 2

Hn. 3

Hn. 4

Tpt. 1

Tpt. 2

Tbn. 1

Tbn. 2

B. Tbn.

Tba.

Perc. 1

Perc. 2

Perc. 3

Crotales

Hp.

Pno.

Db.

(8va)

164 to Flute

Fl. 1  
Fl. 2  
Fl. 3  
Ob. 1  
Ob. 2  
E. Hn.  
E♭ Cl.  
B♭ Cl.  
B. Cl.  
Bsn. 1  
Bsn. 2  
C. Bn.

Detailed description: This block contains the musical score for measures 164 to 167 for the Flute and Oboe sections. Measure 164 is marked 'to Flute'. Flute 1 and 2 are silent. Flute 3 and Oboe 1 & 2 play a melodic line starting in measure 164, marked with a forte (*f*) dynamic. Oboe 1 & 2 have a crescendo leading to a mezzo-forte (*mf*) dynamic in measure 167. Flute 3 and Oboe 1 & 2 play a sustained note in measure 167, marked *p* (piano) and *mf* (mezzo-forte) respectively. Clarinets and Bassoons are silent.

164

Hn. 1  
Hn. 2  
Hn. 3  
Hn. 4  
Tpt. 1  
Tpt. 2  
Tbn. 1  
Tbn. 2  
B. Tbn.  
Tba.  
Perc. 1  
Perc. 2  
Perc. 3  
Hp.  
Pno.  
Db.

Detailed description: This block contains the musical score for measures 164 to 167 for the Horn, Trumpet, Trombone, Percussion, Harp, Piano, and Double Bass sections. Horns 1-4 play a rhythmic pattern of eighth notes, marked *mf* (mezzo-forte). Trumpets 1 & 2 and Trombones 1 & 2 play a melodic line starting in measure 164, marked *fp* (fortissimo piano). Trombone 1 has an 'Open' marking. Trombone 3 and Tuba play a melodic line starting in measure 164, marked *fp*. Percussion 1, 2, and 3 are silent. Harp and Piano are silent. Double Bass plays a melodic line starting in measure 164, marked *fp*.

171

Fl. 1

Fl. 2

Fl. 3

Ob. 1

Ob. 2

E. Hn.

E♭ Cl.

B♭ Cl.

B. Cl.

Bsn. 1

Bsn. 2

C. Bn.

*p* *f* *f* *f* *f* *f*

Flute

171

Hn. 1

Hn. 2

Hn. 3

Hn. 4

Tpt. 1

Tpt. 2

Tbn. 1

Tbn. 2

B. Tbn.

Tba.

Perc. 1

Perc. 2

Perc. 3

Hp.

Pno.

*fp* *fp* *fp* *fp* *fp* *fp* *mf* *f*

Susp. Cymb.

178 183

Fl. 1  
Fl. 2  
Fl. 3  
Ob. 1  
Ob. 2  
E. Hn.  
Eb Cl.  
Bb Cl.  
B. Cl.  
Bsn. 1  
Bsn. 2  
C. Bn.

178 183

Hn. 1  
Hn. 2  
Hn. 3  
Hn. 4  
Tpt. 1  
Tpt. 2  
Tbn. 1  
Tbn. 2  
B. Tbn.  
Tba.

Perc. 1  
Perc. 2  
Perc. 3

Hp.  
Pno.

184

Fl. 1

Fl. 2

Fl. 3

Ob. 1

Ob. 2

E. Hn.

E♭ Cl.

B♭ Cl.

B. Cl.

Bsn. 1

Bsn. 2

C. Bn.

*p mf*

*p mf*

*p mf*

*p mf*

*p mf*

*f*

*mf*

*p*

*f*

*f*

*f*

184

Hn. 1

Hn. 2

Hn. 3

Hn. 4

Tpt. 1

Tpt. 2

Tbn. 1

Tbn. 2

B. Tbn.

Tba.

*p*

*p*

*p*

*p*

Straight mute

*f*

*mf*

*p*

*mf*

*mf*

*p*

*mf*

*mf*

*p*

*mf*

*p*

Perc. 1

Perc. 2

Perc. 3

Hp.

Pno.

Db.

*f*

*f*

189

Fl. 1

Fl. 2

Fl. 3

Ob. 1

Ob. 2

E. Hn.

E♭ Cl.

B♭ Cl.

B. Cl.

Bsn. 1

Bsn. 2

C. Bn.

to Alto Flute

*f*

*f*

*f*

*f*

189

Hn. 1

Hn. 2

Hn. 3

Hn. 4

Tpt. 1

Tpt. 2

Tbn. 1

Tbn. 2

B. Tbn.

Tba.

Perc. 1

Perc. 2

Perc. 3

*mf*

*p*

*mf*

*p*

*mf*

*p*

*mf*

*p*

*mf*

*mf*

*mf*

*mf*

*mf*

*mf*

*mf*

*mf*

Bell Tree

(3<sup>me</sup>) -

Hp.

Pno.

Db.

*f*







207 Sorrowful ♩ = 84

to Piccolo

Musical score for woodwinds and brass instruments. The score includes parts for Flute 1, Flute 2, Alto Flute, Oboe 1, Oboe 2, English Horn, E♭ Clarinet, B♭ Clarinet, B Clarinet, Bassoon 1, Bassoon 2, and Contrabassoon. The music features various dynamics such as *mf*, *p*, and *f*, and includes trills and triplets.

207 Sorrowful ♩ = 84

Musical score for horns and trumpets. The score includes parts for Horn 1, Horn 2, Horn 3, Horn 4, Trumpet 1, Trumpet 2, Trombone 1, Trombone 2, Baritone Trombone, and Tuba. The music features dynamics such as *p* and *mf*.

Musical score for percussion and strings. The percussion section includes Vibraphone, Log Drum, Bongos (yarn mallets), Percussion 1, Percussion 2, and Percussion 3. The string section includes Harp (Hp.), Piano (Pno.), and Double Bass (Db.). The music features dynamics such as *f*, *p*, and *mp*, and includes a pizzicato section for the double bass.



220 ♩ = 92

Pc.

Fl. 2

A. Fl.

Ob. 1

Ob. 2

E. Hn.

E♭ Cl.

B♭ Cl.

B. Cl.

Bsn. 1

Bsn. 2

C. Bn.

220 ♩ = 92

Hn. 1

Hn. 2

Hn. 3

Hn. 4

Tpt. 1

Tpt. 2

Tbn. 1

Tbn. 2

B. Tbn.

Tba.

Perc. 1

Perc. 2

Perc. 3

Hp.

Pno.

Db.

Susp. Cymb.  
brushes

226

Pc.

Fl. 2

A. Fl.

Ob. 1

Ob. 2

E. Hn.

E♭ Cl.

B♭ Cl.

B. Cl.

Bsn. 1

Bsn. 2

C. Bn.

226

Hn. 1

Hn. 2

Hn. 3

Hn. 4

Tpt. 1

Tpt. 2

Tbn. 1

Tbn. 2

B. Tbn.

Tba.

Perc. 1

Perc. 2

Perc. 3

Susp. Cymb.

Hp.

Pno.

Db.

236

Distant, delicate ♩ = 96

232

Pc.

Fl. 2

A. Fl.

Ob. 1

Ob. 2

E. Hn.

E♭ Cl.

B♭ Cl.

B. Cl.

Bsn. 1

Bsn. 2

C. Bn.

236

Distant, delicate ♩ = 96

232

Hn. 1

Hn. 2

Hn. 3

Hn. 4

Tpt. 1

Tpt. 2

Tbn. 1

Tbn. 2

Tbn. 3

Perc. 1

Perc. 2

Perc. 3

Hp.

Pno.

Db.

Sandpaper Blocks  
circular motion

Temple Blocks  
rubber mallets

Bongos  
rubber mallets

sounding octave higher

arco

237 to Flute

Pc. *p* *mf* *p*

Fl. 2

A. Fl.

Ob. 1 *p* *mf* *p* *f*

Ob. 2

E. Hn.

E♭ Cl. *p* *mf* *p*

B♭ Cl. *f*

B. Cl.

Bsn. 1 *mf* *p*

Bsn. 2 *mf* *p*

C. Bn.

Hn. 1 *p* *mf* *p*

Hn. 2 *p* *mf* *p*

Hn. 3 *p* *mf* *p*

Hn. 4

Tpt. 1

Tpt. 2

Tbn. 1

Tbn. 2

Tba.

Perc. 1 **Vibraphone**  
medium-hard mallets *p* *mf*

Perc. 2 **Temple Blocks** *mf* *f* *p*

Perc. 3 **Bongos** *mf* **Tambourine** *f* *p*

Hp.

Pno. *loco* *mf*

Db.



243

Fl. 1

Fl. 2

A. Fl.

Ob. 1

Ob. 2

E. Hn.

E♭ Cl.

B♭ Cl.

B. Cl.

Bsn. 1

Bsn. 2

C. Bn.

243

Hn. 1

Hn. 2

Hn. 3

Hn. 4

Tpt. 1

Tpt. 2

Tbn. 1

Tbn. 2

B. Tbn.

Tba.

Perc. 1

Perc. 2

Perc. 3

Glockenspiel

Pluck while muting (xylo. effect)

Hp.

Pno.

Db.

pizz.

arco

249

Fl. 1

Fl. 2

A. Fl.

Ob. 1

Ob. 2

E. Hn.

E♭ Cl.

B♭ Cl.

B. Cl.

Bsn. 1

Bsn. 2

C. Bn.

Hn. 1

Hn. 2

Hn. 3

Hn. 4

Tpt. 1

Tpt. 2

Tbn. 1

Tbn. 2

B. Tbn.

Tba.

Perc. 1

Perc. 2

Perc. 3

Hp.

Pno.

Db.

*f*

*mf*

*p*

Susp. Cymb.  
brushes

256 ♩ = 54 (♩ = 108)

254

Fl. 1

Fl. 2

A. Fl.

Ob. 1

Ob. 2

E. Hn.

E♭ Cl.

B♭ Cl.

B. Cl.

Bsn. 1

Bsn. 2

C. Bn.

256 ♩ = 54 (♩ = 108)

254

Hn. 1

Hn. 2

Hn. 3

Hn. 4

Tpt. 1

Tpt. 2

Tbn. 1

Tbn. 2

B. Tbn.

Tba.

Perc. 1

Perc. 2

Perc. 3

Hp.

Pno.

Db.

259

Flute

Fl. 1 *mf* *fp*

Fl. 2 *mf* *fp*

A. Fl. *mf*

Ob. 1 *f* *fp*

Ob. 2 *f* *mf*

E. Hn. *f* *f*

E♭ Cl. *mf*

B♭ Cl. *f*

B. Cl. *f*

Bsn. 1 *f*

Bsn. 2 *f*

C. Bn. *f*

259

Hn. 1 *f* *p* *f* *p* *mp*

Hn. 2 *f* *p* *f* *p* *mp*

Hn. 3 *f* *p* *f* *p*

Hn. 4 *f* *p*

Tpt. 1 *mf* *p*

Tpt. 2 *mf* *p*

Tbn. 1 *mf* *p*

Tbn. 2 *f* *p*

B. Tbn. *f* *p*

Tba. *f* *mf*

Perc. 1

Sandpaper Blocks

Perc. 2 *f*

Susp. Cymb. scrape (metal beater)

Tam-Tam scrape (metal beater)

Perc. 3 *f*

Hp. *f*

Db.

266 ♩ = 88

*poco accel.* -----

264

Fl. 1 *f* *p*

Fl. 2 *f* *p*

A. Fl. *f* *p*

Ob. 1

Ob. 2

E. Hn. *p* *p*

E♭ Cl. *mf* *mf*

B♭ Cl. *p*

B. Cl. *mf* *mf*

Bsn. 1 *p*

Bsn. 2 *p*

C. Bn.

266 ♩ = 88

*poco accel.* -----

264

Hn. 1 *p*

Hn. 2 *mp*

Hn. 3 *mp*

Hn. 4 *mp*

Tpt. 1

Tpt. 2

Tbn. 1

Tbn. 2

B. Tbn. *mp*

Tba.

Log Drum

Perc. 1 *p*

Perc. 2

Bongos  
yarn mallets

Perc. 3 *p* *mp*

Db. *p* *mf*

269

Fl. 1

Fl. 2

A. Fl.

Ob. 1

Ob. 2

E. Hn.

E♭ Cl.

B♭ Cl.

B. Cl.

Bsn. 1

Bsn. 2

C. Bn.

269

Hn. 1

Hn. 2

Hn. 3

Hn. 4

Tpt. 1

Tpt. 2

Tbn. 1

Tbn. 2

B. Tbn.

Tba.

Marimba  
soft mallets

Perc. 1

Temple Blocks

Perc. 2

Susp. Cymb.  
yarn mallets

Perc. 3

Db.

275 ♩ = 108

274

Fl. 1

Fl. 2

A. Fl.

Ob. 1

Ob. 2

E. Hn.

E♭ Cl.

B♭ Cl.

B. Cl.

Bsn. 1

Bsn. 2

C. Bn.

Detailed description: This system contains the woodwind and string parts. The woodwinds (Flutes, Oboes, Horns, Clarinets, Bassoons, and Contrabassoon) are mostly silent, indicated by rests. The Oboe 1 and Bassoon 1 parts have a dynamic marking of *f* and a triplet of eighth notes in the final measure. The string parts (Violins 1 & 2, Violas, Cellos, and Double Basses) are also mostly silent with rests.

275 ♩ = 108

274

Hn. 1

Hn. 2

Hn. 3

Hn. 4

Tpt. 1

Tpt. 2

Tbn. 1

Tbn. 2

B. Tbn.

Perc. 1

Perc. 2

Perc. 3

Db.

Detailed description: This system contains the brass and percussion parts. The Horns (Hn. 1-4) play a melodic line with dynamics *f*, *mf*, and *p*. The Trumpets (Tpt. 1 & 2) and Trombones (Tbn. 1 & 2) play sustained notes with dynamics *f*, *mf*, and *p*. The Baritone Trombone (B. Tbn.) plays a rhythmic pattern with dynamics *f* and *mf*. The Percussion parts include Claves (Perc. 2) with a *mf* dynamic and another percussion part (Perc. 3) with a *mp* dynamic. The Double Bass (Db.) part has a dynamic marking of *p*.





291

Fl. 1  
Fl. 2  
Fl. 3  
Ob. 1  
Ob. 2  
E. Hn.  
E♭ Cl.  
B♭ Cl.  
B. Cl.  
Bsn. 1  
Bsn. 2  
C. Bn.

291

Hn. 1  
Hn. 2  
Hn. 3  
Hn. 4  
Tpt. 1  
Tpt. 2  
Tbn. 1  
Tbn. 2  
B. Tbn.  
Tba.

Perc. 1  
Perc. 2  
Perc. 3  
Pno.  
Db.

Toms  
Temple Blocks  
Tambourine

297

Fl. 1

Fl. 2

Fl. 3

Ob. 1

Ob. 2

E. Hn.

E♭ Cl.

B♭ Cl.

B. Cl.

Bsn. 1

Bsn. 2

C. Bn.

297

Hn. 1

Hn. 2

Hn. 3

Hn. 4

Tpt. 1

Tpt. 2

Tbn. 1

Tbn. 2

B. Tbn.

Tba.

Perc. 1

Perc. 2

Perc. 3

Pno.

Db.

Toms

Temple Blocks

302

Fl. 1  
Fl. 2  
Fl. 3  
Ob. 1  
Ob. 2  
E. Hn.  
E♭ Cl.  
B♭ Cl.  
B. Cl.  
Bsn. 1  
Bsn. 2  
C. Bn.

302

Hn. 1  
Hn. 2  
Hn. 3  
Hn. 4  
Tpt. 1  
Tpt. 2  
Tbn. 1  
Tbn. 2  
B. Tbn.  
Tba.  
Perc. 1  
Perc. 2  
Perc. 3  
Pno.  
Db.

Vibraphone  
hard mallets; no pedal

Claves

Tambourine

Marimba

306 310

Fl. 1

Fl. 2

Fl. 3

Ob. 1

Ob. 2

E. Hn.

E♭ Cl.

B♭ Cl.

B. Cl.

Bsn. 1

Bsn. 2

C. Bn.

306 310

Hn. 1

Hn. 2

Hn. 3

Hn. 4

Tpt. 1

Tpt. 2

Tbn. 1

Tbn. 2

B. Tbn.

Tba.

Vibraphone

Claves

Tambourine

Pno.

Db.



316

Fl. 1

Fl. 2

Fl. 3

Ob. 1

Ob. 2

E. Hn.

E♭ Cl.

B♭ Cl.

B. Cl.

Bsn. 1

Bsn. 2

C. Bn.

*mf*

*f*

317

Hn. 1

Hn. 2

Hn. 3

Hn. 4

Tpt. 1

Tpt. 2

Tbn. 1

Tbn. 2

B. Tbn.

Tba.

*mf*

*f*

Vibraphone

Perc. 1

*mf*

Claves

Perc. 2

*f*

Bongos hands

Perc. 3

*f*

Pno.

Db.

*mf*

*f*

321

Fl. 1

Fl. 2

Fl. 3

Ob. 1

Ob. 2

E. Hn.

E♭ Cl.

B♭ Cl.

B. Cl.

Bsn. 1

Bsn. 2

C. Bn.

323

Hn. 1

Hn. 2

Hn. 3

Hn. 4

Tpt. 1

Tpt. 2

Tbn. 1

Tbn. 2

B. Tbn.

Tba.

Perc. 1

Perc. 2

Perc. 3

Hp.

Pno.

Db.

The image displays a page of a musical score, specifically measures 321 through 323. The score is arranged in a standard orchestral format with multiple staves. The instruments listed on the left include Flutes (Fl. 1, 2, 3), Oboes (Ob. 1, 2), English Horn (E. Hn.), Clarinets (E♭ Cl., B♭ Cl., B. Cl.), Bassoons (Bsn. 1, 2, C. Bn.), Horns (Hn. 1, 2, 3, 4), Trumpets (Tpt. 1, 2), Trombones (Tbn. 1, 2, B. Tbn., Tba.), Percussion (Perc. 1, 2, 3), Harp (Hp.), Piano (Pno.), and Double Bass (Db.). The music is written in 2/4 time, with various key signatures and time signature changes indicated by the conductor's baton. The dynamic marking *mf* (mezzo-forte) is prominently displayed in several staves. The notation includes various note values, rests, and articulation marks. The page number 64 is centered at the bottom.

326 **327** Piccolo

Fl. 1  
Fl. 2  
Fl. 3 (Alto Flute)  
Ob. 1  
Ob. 2  
E. Hn.  
E♭ Cl.  
B♭ Cl.  
B. Cl.  
Bsn. 1  
Bsn. 2  
C. Bn.

*f*

Detailed description: This block contains the musical score for woodwinds and brass instruments from measure 326 to 327. The score is written in 4/4 time and features a key signature of one sharp (F#). The woodwind section includes three flutes (Fl. 1, Fl. 2, Fl. 3), two oboes (Ob. 1, Ob. 2), three horns (E. Hn., E♭ Cl., B♭ Cl.), two bassoons (Bsn. 1, Bsn. 2), and a contrabassoon (C. Bn.). The brass section includes two trumpets (Tpt. 1, Tpt. 2), two trombones (Tbn. 1, Tbn. 2), a baritone trombone (B. Tbn.), and a tuba (Tba.). The percussion section includes a vibraphone (Vibraphone), claves (Claves), and bongos (Bongos). The piano (Pno.) and double bass (Db.) parts are also present. The score is marked with a forte (*f*) dynamic and includes a Piccolo part. The measure numbers 326 and 327 are indicated at the top of the page.

326 **327**

Hn. 1  
Hn. 2  
Hn. 3  
Hn. 4  
Tpt. 1  
Tpt. 2  
Tbn. 1  
Tbn. 2  
B. Tbn.  
Tba.  
Perc. 1 (Vibraphone)  
Perc. 2 (Claves)  
Perc. 3 (Bongos)  
Hp.  
Pno.  
Db.

*f*

Detailed description: This block contains the musical score for strings and percussion instruments from measure 326 to 327. The score is written in 4/4 time and features a key signature of one sharp (F#). The string section includes four horns (Hn. 1, Hn. 2, Hn. 3, Hn. 4), two trumpets (Tpt. 1, Tpt. 2), two trombones (Tbn. 1, Tbn. 2), a baritone trombone (B. Tbn.), and a tuba (Tba.). The percussion section includes a vibraphone (Vibraphone), claves (Claves), and bongos (Bongos). The piano (Pno.) and double bass (Db.) parts are also present. The score is marked with a forte (*f*) dynamic. The measure numbers 326 and 327 are indicated at the top of the page.



333

331

Pc.

Fl. 2

A. Fl.

Ob. 1

Ob. 2

E. Hn.

E♭ Cl.

B♭ Cl.

B. Cl.

Bsn. 1

Bsn. 2

C. Bn.

*f*

*ff*

*ff*

333

331

Hn. 1

Hn. 2

Hn. 3

Hn. 4

Tpt. 1

Tpt. 2

Tbn. 1

Tbn. 2

B. Tbn.

Tba.

Perc. 1

Perc. 2

Perc. 3

Hp.

Pno.

Db.

*mf*

339

335

Pc.

Fl. 2

A. Fl.

Ob. 1

Ob. 2

E. Hn.

E♭ Cl.

B♭ Cl.

B. Cl.

Bsn. 1

Bsn. 2

C. Bn.

339

335

Hn. 1

Hn. 2

Hn. 3

Hn. 4

Tpt. 1

Tpt. 2

Tbn. 1

Tbn. 2

B. Tbn.

Tba.

Perc. 1

Perc. 2

Perc. 3

Hp.

Pno.

Db.

Thunder Sheet

*p* *mp* *mf*

*f*

340

Pc.

Fl. 2

A. Fl.

Ob. 1

Ob. 2

E. Hn.

E♭ Cl.

B♭ Cl.

B. Cl.

Bsn. 1

Bsn. 2

C. Bn.

to Flute

*pp*

*f*

*f*

*f*

*f*

*f*

*f*

*f*

*f*

*f*

*f*

*f*

340

Hn. 1

Hn. 2

Hn. 3

Hn. 4

Tpt. 1

Tpt. 2

Tbn. 1

Tbn. 2

B. Tbn.

Tba.

*f*

*f*

Perc. 1

Perc. 2

Perc. 3

Hp.

Pno.

Db.

*f*

*f*

*mf* ————— *f*

Susp. Cymb.  
sticks

346

Flute

Fl. 1

Fl. 2

A. Fl.

Ob. 1

Ob. 2

E. Hn.

E♭ Cl.

B♭ Cl.

B. Cl.

Bsn. 1

Bsn. 2

C. Bn.

346

Hn. 1

Hn. 2

Hn. 3

Hn. 4

Tpt. 1

Tpt. 2

Tbn. 1

Tbn. 2

B. Tbn.

Tba.

Perc. 1

Perc. 2

Perc. 3

Susp. Cymb.

Hp.

Pno.

Db.

354 ♩ = 92

352

Fl. 1 *ff*

Fl. 2 *mp*

A. Fl. *mp*

Ob. 1

Ob. 2

E. Hn.

E♭ Cl.

B♭ Cl.

B. Cl. *f*

Bsn. 1 *mp*

Bsn. 2 *mp*

C. Bn.

354 ♩ = 92

352

Hn. 1 *f* *p*

Hn. 2 *f* *p*

Hn. 3 *f* *p*

Hn. 4 *f* *p*

Tpt. 1

Tpt. 2

Tbn. 1 *f* *p*

Tbn. 2 *f* *p*

B. Tbn. *f* *p*

Tba. *f* *p*

Perc. 1 *ff* *mf*

Perc. 2

Perc. 3

Hp.

Pno. *f*

Db.

Thunder Sheet

361

Fl. 1

Fl. 2

A. Fl.

Ob. 1

Ob. 2

E. Hn.

E♭ Cl.

B♭ Cl.

B. Cl.

Bsn. 1

Bsn. 2

C. Bn.

361

Hn. 1

Hn. 2

Hn. 3

Hn. 4

Tpt. 1

Tpt. 2

Tbn. 1

Tbn. 2

B. Tbn.

Tba.

Perc. 1

Perc. 2

Perc. 3

Hp.

Pno.

367

A. Fl.

E. Hn.

Hn. 1

Hn. 2

Hn. 3

Hn. 4

*f*

*p*

*p*

*p*



*poco rit.* -----

372

E. Hn.

Hn. 1

Hn. 2

Hn. 3

Hn. 4

*mf*

*p*

*pp*

*p*

*pp*

*pp*

*pp*

*p*

*p*

*p*

*pp*

*p*

**375** **Faster** ♩ = 100



*accel.* -----

376

Hn. 1

Hn. 2

Hn. 3

Hn. 4

*f*

*fff*

*f*

*fff*

*f*

*fff*

*f*

*fff*