

in celebration of the 50th anniversary of  
the Boston University Tanglewood Institute

Field studies from  
DEMAREST/LLOYD

for eleven percussionists

Josiah Wolf Oberholtzer (1984)

$\text{♩} = 72$   
**4/4 Wood**

The score is organized into systems for different groups of performers:

- A1, A2, A3, A4:** Each has a vocal line and a percussion line (shaker, guiro, wine glass). A1 and A2 have additional parts for shaker, guiro, and wine glass.
- T1:** Marimba.
- T2:** Ratchet, snare, tam-tam.
- T3:** Four toms and bass drum.
- B1, B2, B3, B4:** Each has a vocal line and a percussion line (shaker, guiro, wine glass).

Key performance markings include:

- Dynamic markings:**  $pp$ ,  $fp$ ,  $ppp$ ,  $f$ ,  $p$ .
- Articulation:** *wh.* (whistle), *inhale*, *scrape*, *spun*, *perc.* (percussion), *mb.* (marimba), *vb.* (vibraphone), *LV* (low volume).
- Phrasing:** *h-* (half note), *s-* (quarter note), *sh-* (shaker).

♩ = 64

#### 4.4 A Glass

♩ = 96

#### 44 B Stone

This musical score is for 'The Great Wall' by David Lang. It is a complex orchestral and vocal work. The score is written for a large ensemble, including vocalists and instrumentalists. The notation is dense and features a variety of musical symbols, including notes, rests, and dynamic markings. The score is organized into systems, with each system containing multiple staves. The staves are labeled with instrument or voice parts, such as 'A1', 'A2', 'A3', 'A4', 'T1', 'T2', 'T3', 'B1', 'B2', 'B3', and 'B4'. The score includes a variety of musical notations, including notes, rests, and dynamic markings. The score is written in a complex, multi-measure format, with some staves featuring a 5:4 time signature. The score is a testament to the composer's skill and the complexity of the work.

Score for Percussion Ensemble, featuring multiple staves (A1, A2, A3, A4, T1, T2, T3, B1, B2, B3, B4) and various instruments (v., sh., g., w.g., w.b., r., sn., t.t., toms, & b.d.). The score includes complex rhythmic patterns, dynamic markings (e.g., *fp*, *p*, *f*, *ppp*), and performance instructions (e.g., "struck", "unmeasured"). The notation is color-coded: pink for vocal parts, light blue for snare drum, light green for tom-toms, and light purple for other percussion. The score is divided into measures by vertical bar lines, with some measures containing multiple measures of music.

Score for Sand, featuring multiple staves (A1, A2, A3, A4, T1, T2, T3, B1, B2, B3, B4) and various musical notations including dynamics (p, fp, f, ppp), articulation (struck, spun), and time signatures (5:4, 6:5, 3:2).

The score is organized into systems, each containing multiple staves. The staves are labeled as follows:

- A1: [v.], sh., g., w.g.
- A2: [v.], sh., g., w.g.
- A3: [v.], sh., g., w.g.
- A4: [v.], sh., g., w.g.
- T1: [w.b.], r., sn., t.l.
- T2: [v.], r., sn., t.l.
- T3: [v.], toms, &, b.d.
- B1: [v.], sh., g., w.g.
- B2: [v.], sh., g., w.g.
- B3: [v.], sh., g., w.g.
- B4: [v.], sh., g., w.g.

Key musical elements include:

- Dynamics:** *p* (piano), *fp* (fortissimo piano), *f* (forte), *ppp* (pianissimo).
- Articulation:** *struck* (indicated by 'x' marks), *spun* (indicated by dashed lines).
- Time Signatures:**  $\frac{5}{4}$ ,  $\frac{6}{5}$ ,  $\frac{3}{2}$ .
- Tempo:**  $\frac{4}{4}$  (indicated by the tempo marking at the top right).

The score is written for a large ensemble, with each staff representing a different instrument or voice part. The notation includes various rhythmic values, accidentals, and performance instructions.

musical score for percussion and woodwinds, featuring parts for A1, A2, A3, A4, T1, T2, T3, B1, B2, B3, and B4. The score includes various performance instructions such as *sh.*, *g.*, *w.g.*, *spun*, *wh.*, *inhale*, *scrape tremolo*, *bowed*, *ct.*, *IV*, *toms & b.d.*, *f.*, and *fp*. The notation includes staves with notes, rests, and dynamic markings like *p* and *fp*. The score is organized into systems, with some parts (A1, A2, A3, A4, B1, B2, B3, B4) grouped together and others (T1, T2, T3) separate. The bottom system includes parts B1, B2, B3, and B4. The score is written for a large ensemble, with multiple parts for each instrument type.

Score for Wood instrument, measures 29-34. The score is written for a large ensemble, including four woodwinds (A1, A2, A3, A4), two trumpets (T1, T2), three trombones (B1, B2, B3), and a tuba (B4). The percussion section includes Toms & Bells (T3), Timpani (T1, T2), and a large drum (T3). The woodwinds are marked with various techniques such as *wh.* (whistle), *inhale*, *spun*, *scrape*, *fp* (fortissimo), *p* (piano), *ppp* (pianissimo), and *mb.* (maracas). The percussion section includes *mb.* (maracas), *vb.* (vibraphone), and *lv* (large drum). The woodwinds are marked with various techniques such as *wh.* (whistle), *inhale*, *spun*, *scrape*, *fp* (fortissimo), *p* (piano), *ppp* (pianissimo), and *mb.* (maracas). The percussion section includes *mb.* (maracas), *vb.* (vibraphone), and *lv* (large drum).

Measures 29-34 show a complex rhythmic pattern for the woodwinds, with various techniques such as *wh.* (whistle), *inhale*, *spun*, *scrape*, *fp* (fortissimo), *p* (piano), *ppp* (pianissimo), and *mb.* (maracas). The percussion section includes *mb.* (maracas), *vb.* (vibraphone), and *lv* (large drum).

Score for **E** Stone, measures 35-40. The score is written for a large ensemble, including vocalists (v.), percussionists (perc.), and instrumentalists (A1, A2, A3, A4, T1, T2, T3, B1, B2, B3, B4). The music features complex rhythmic patterns, dynamic markings (p, f, ppp, fp, f, p, p.p.), and performance instructions (inhale, exhale, scrape, spun, perc., mb., vb., LV, measured, 5:4).

**Measures 35-40:**

- Measure 35:** Vocalists (v.) have rests. A1, A2, A3, and A4 play a rhythmic pattern with dynamic markings *p* and *ppp*. T1, T2, and T3 have rests. B1, B2, B3, and B4 play a rhythmic pattern with dynamic markings *p* and *ppp*.
- Measure 36:** Vocalists (v.) have rests. A1, A2, A3, and A4 play a rhythmic pattern with dynamic markings *p* and *ppp*. T1, T2, and T3 have rests. B1, B2, B3, and B4 play a rhythmic pattern with dynamic markings *p* and *ppp*.
- Measure 37:** Vocalists (v.) have rests. A1, A2, A3, and A4 play a rhythmic pattern with dynamic markings *p* and *ppp*. T1, T2, and T3 have rests. B1, B2, B3, and B4 play a rhythmic pattern with dynamic markings *p* and *ppp*.
- Measure 38:** Vocalists (v.) have rests. A1, A2, A3, and A4 play a rhythmic pattern with dynamic markings *p* and *ppp*. T1, T2, and T3 have rests. B1, B2, B3, and B4 play a rhythmic pattern with dynamic markings *p* and *ppp*.
- Measure 39:** Vocalists (v.) have rests. A1, A2, A3, and A4 play a rhythmic pattern with dynamic markings *p* and *ppp*. T1, T2, and T3 have rests. B1, B2, B3, and B4 play a rhythmic pattern with dynamic markings *p* and *ppp*.
- Measure 40:** Vocalists (v.) have rests. A1, A2, A3, and A4 play a rhythmic pattern with dynamic markings *p* and *ppp*. T1, T2, and T3 have rests. B1, B2, B3, and B4 play a rhythmic pattern with dynamic markings *p* and *ppp*.

Score for **F Waves**,  $\text{♩} = 48$ ,  $\frac{4}{4}$  time signature.

The score is divided into two systems, each containing five staves (A1-A4 and T1-T4).

**System 1 (A1-A4, T1-T4):**

- A1:** [v.]  $fp$  (p.p.), [sh. g. w.g.]  $p$  (4:3),  $p$  (struck),  $p$  (5:4),  $p$  (5:4),  $ppp$  (tapped),  $mf$ .
- A2:** [v.]  $p$  (p.p.),  $fp$  (p.p.),  $p$  (5:4),  $p$  (5:4),  $ppp$  (tapped).
- A3:** [v.]  $fp$  (p.p.),  $p$  (5:4),  $p$  (5:4),  $ppp$  (tapped),  $p$ .
- A4:** [v.]  $fp$ , [sh. g. w.g.]  $p$ ,  $p$  (5:4),  $p$  (5:4),  $p$  (spun),  $ppp$ .
- T1:** [w.b.]  $p$ ,  $(p)$   $ppp$ ,  $p$ ,  $f$  (3:2),  $p$ ,  $ppp$ ,  $p$ ,  $mb.$ .
- T2:** [r. sn. t.t.]  $p$ ,  $p$ ,  $p$ ,  $p$ ,  $p$ ,  $p$ ,  $p$ ,  $vb.$ .
- T3:** [toms & b.d.]  $p$ ,  $ppp < p$  (6:5),  $p$ ,  $p$ ,  $f > p$ ,  $t.b.$ .

**System 2 (B1-B4):**

- B1:** [v.]  $p$  (p.p.),  $fp$  (p.p.),  $p$ ,  $p$  (spun).
- B2:** [v.]  $fp$  (p.p.),  $p$ ,  $p$  (spun),  $p$  (p.p.),  $p$  (spun).
- B3:** [v.]  $p$ ,  $p$  (5:4),  $p$  (5:4),  $p$ ,  $p$  (spun).
- B4:** [v.]  $p$ ,  $p$  (5:4),  $p$  (5:4),  $p$ ,  $p$  (spun),  $p$  (p.p.),  $p$  (spun).



Score for 12 instruments: A1, A2, A3, A4, T1, T2, T3, B1, B2, B3, B4, and a vocal line [v.].

**Instrument Groupings:**

- A1, A2, A3, A4:** Each has a vocal line [v.] and a piano section (sh., g., w.g.).
- T1, T2, T3:** Each has a vocal line [v.] and a piano section (mb., vb., t.b.).
- B1, B2, B3, B4:** Each has a vocal line [v.] and a piano section (sh., g., w.g.).

**Performance Markings:**

- Dynamic Markings:** *p* (piano), *mf* (mezzo-forte), *ppp* (pianissimo), *f* (forte).
- Articulation:** *tapped*, *spun*.
- Tempo/Style:** *5:4*, *10:8*.

**Score Structure:**

The score is organized into measures, with each instrument part having its own staff. The vocal lines [v.] are written in a simplified notation, while the piano sections (sh., g., w.g.) are written in standard musical notation. The score includes various dynamic markings and articulation symbols to guide the performance.

Score for 12 instruments, organized into four systems (A1-A4, T1-T3, B1-B3, B4). Each system includes a vocal line (v.) and a piano line (sh., g., w.g.).

**System A1:**

- v.:** *p* (first measure), *p* (fourth measure), *p* (seventh measure).
- sh., g., w.g.:** *mf* (first measure), *p* (second measure), *(p)* (third measure), *(p)* (fourth measure), *ppp* (fifth measure), *mf* (sixth measure), *p* (seventh measure), *ppp* (eighth measure).

**System A2:**

- v.:** *p* (first measure), *p* (third measure), *p* (seventh measure), *p* (eighth measure).
- sh., g., w.g.:** *p* (first measure), *p* (second measure), *ppp* (third measure), *mf* (fourth measure), *p* (fifth measure), *p* (sixth measure), *p* (seventh measure), *ppp* (eighth measure), *mf* (ninth measure).

**System A3:**

- v.:** *p* (third measure), *p* (seventh measure), *(p)* (eighth measure).
- sh., g., w.g.:** *mf* (third measure), *p* (fourth measure), *p* (fifth measure), *p* (sixth measure), *(p)* (seventh measure), *ppp* (eighth measure).

**System A4:**

- v.:** *p* (third measure), *p* (seventh measure), *p* (eighth measure).
- sh., g., w.g.:** *p* (first measure), *p* (second measure), *ppp* (third measure), *mf* (fourth measure), *p* (fifth measure), *p* (sixth measure), *ppp* (seventh measure), *p* (eighth measure).

**System T1:**

- v.:** *(p)* (second measure), *(p)* (third measure), *p* (seventh measure).
- mb.:** *ppp* (first measure), *ppp* (second measure), *ppp* (third measure), *ppp* (fourth measure), *ppp* (fifth measure), *ppp* (sixth measure).

**System T2:**

- v.:** *p* (second measure), *(p)* (third measure), *p* (seventh measure).
- vb.:** *ppp* (third measure), *ppp* (fourth measure), *ppp* (fifth measure), *ppp* (sixth measure).

**System T3:**

- v.:** *p* (first measure), *(p)* (second measure), *p* (seventh measure).
- t.b.:** *ppp* (first measure), *(ppp)* (second measure), *ppp* (third measure), *ppp* (fourth measure), *ppp* (fifth measure), *ppp* (sixth measure).

**System B1:**

- v.:** *p* (first measure), *p* (third measure), *p* (seventh measure), *(p)* (eighth measure).
- sh., g., w.g.:** *p* (first measure), *p* (second measure), *mf* (third measure), *p* (fourth measure), *p* (fifth measure), *p* (sixth measure), *ppp* (seventh measure), *p* (eighth measure), *mf* (ninth measure).

**System B2:**

- v.:** *p* (first measure), *p* (third measure), *p* (seventh measure), *(p)* (eighth measure).
- sh., g., w.g.:** *p* (first measure), *p* (second measure), *p* (third measure), *p* (fourth measure), *p* (fifth measure), *ppp* (sixth measure), *mf* (seventh measure).

**System B3:**

- v.:** *p* (third measure), *p* (seventh measure), *p* (eighth measure).
- sh., g., w.g.:** *p* (first measure), *ppp* (second measure), *mf* (third measure), *p* (fourth measure), *p* (fifth measure), *p* (sixth measure), *p* (seventh measure), *p* (eighth measure).

**System B4:**

- v.:** *p* (third measure), *p* (seventh measure).
- sh., g., w.g.:** *p* (first measure), *ppp* (third measure), *p* (fourth measure), *p* (fifth measure), *mf* (sixth measure), *p* (seventh measure), *p* (eighth measure), *(p)* (ninth measure), *ppp* (tenth measure).

Score for Sand, measures 58-63. The score is written for a large ensemble, including four vocalists (A1, A2, A3, A4), three percussionists (T1, T2, T3), and four bassists (B1, B2, B3, B4). The tempo is 32 beats per minute, and the time signature is 4/4. The key signature is G major.

The score is divided into measures 58 through 63. Each measure contains staves for the vocalists, percussionists, and bassists. The vocalists (A1, A2, A3, A4) are marked with *sh.*, *g.*, and *w.g.* (soprano, alto, and tenor/bass). The percussionists (T1, T2, T3) are marked with *mb.*, *vb.*, and *t.b.* (mallet bass, vibraphone, and timbale). The bassists (B1, B2, B3, B4) are marked with *sh.*, *g.*, and *w.g.* (soprano, alto, and tenor/bass).

Dynamic markings include *p* (piano), *mf* (mezzo-forte), *ppp* (pianissimo), and *f* (forte). Performance instructions include *tapped*, *spun*, and *perc.* (percussion). The score also includes a 5:4 ratio marking for a specific rhythmic pattern.

The score is written in a complex, multi-staff format, with each instrument or voice part having its own staff. The notation includes various musical symbols, such as notes, rests, and dynamic markings, to indicate the performance of each part.

Score for Glass, featuring multiple staves and instruments, including vocal parts (A1, A2, A3, A4, T1, T2, T3, B1, B2, B3, B4) and instrumental parts (sh., g., w.g., spun, circle, p.p., p, f, fp, h., vb., t.b., perc., tom, b.d., LV).

The score is divided into measures, with various musical notations and performance instructions. Key elements include:

- Vocal Parts (A1, A2, A3, A4, T1, T2, T3, B1, B2, B3, B4):** Each part includes a vocal line (v.) and a guitar/wind/glass line (sh., g., w.g.).
- Instrumental Parts:** Includes parts for percussion (perc.), woodwind (vb., t.b.), and string (toms, b.d., LV).
- Performance Instructions:** Includes dynamic markings (p, f, fp, p.p., ppp), articulation (spun, circle), and other instructions (inhale, wh., bowed, ct., LV, scrape tremolo, h., vb., t.b., perc., tom, b.d., LV).
- Color Coding:** The score uses color coding to distinguish between different sections or instruments: pink for vocal parts, blue for instrumental parts, and green for percussion.

This musical score is for a string quartet (A1, A2, A3, A4) and two vocalists (T1, T2). The score is written for a 12-measure section. The string parts (A1-A4) are primarily in the lower register, with notes often marked with a 'p' (piano) dynamic. The vocal parts (T1, T2) are in the upper register, with notes often marked with a 'p' (piano) dynamic. The score includes various musical notations such as notes, rests, and dynamic markings. Performance instructions are provided for each part, including 'circle', 'p.p.', 'p', 'fp', 'bowed', 'LV', 'perc.', 't.b.', and 'p.p.p.'. The score is written in a standard musical notation style, with a key signature of one flat and a time signature of 4/4.

**Instrumentation and Parts:**

- A1, A2, A3, A4:** String quartet parts (Violin I, Violin II, Viola, Cello).
- T1, T2:** Two vocal parts (Tenor 1, Tenor 2).

**Performance Instructions:**

- circle:** Indicated for the first measure of each string part.
- p.p.:** Indicated for the first measure of the A1 part.
- p:** Indicated for the first measure of each string part and the first measure of the T1 part.
- fp:** Indicated for the first measure of the A3 part.
- bowed:** Indicated for the first measure of the T1 part.
- LV:** Indicated for the first measure of the T1 part.
- perc.:** Indicated for the first measure of the T2 part.
- t.b.:** Indicated for the first measure of the T2 part.
- p.p.p.:** Indicated for the first measure of the T1 part.

Score for 12 instruments: A1, A2, A3, A4, T1, T2, T3, B1, B2, B3, B4, and an unlabeled string section.

**Instrument A1:** [v.] (violin), [sh. g. w.g.] (string quartet). Dynamics: *p*.

**Instrument A2:** [v.] (violin), [sh. g. w.g.] (string quartet). Dynamics: *p*.

**Instrument A3:** [v.] (violin), [sh. g. w.g.] (string quartet). Dynamics: *p*.

**Instrument A4:** [v.] (violin), [sh. g. w.g.] (string quartet). Dynamics: *p*.

**Instrument T1:** [v.] (violin), [ct.] (clarinet). Dynamics: *p*, *fp*, *ppp*.

**Instrument T2:** [v.] (violin), [vb.] (violin). Dynamics: *ppp*, *mf*, *p*.

**Instrument T3:** [v.] (violin), [t.b.] (trumpet). Dynamics: *ppp*, *p*.

**Instrument B1:** [v.] (violin), [sh. g. w.g.] (string quartet). Dynamics: *p*.

**Instrument B2:** [v.] (violin), [sh. g. w.g.] (string quartet). Dynamics: *p*.

**Instrument B3:** [v.] (violin), [sh. g. w.g.] (string quartet). Dynamics: *p*.

**Instrument B4:** [v.] (violin), [sh. g. w.g.] (string quartet). Dynamics: *p*.

**String Section:** [v.] (violin), [sh. g. w.g.] (string quartet). Dynamics: *p*.

Score includes various musical notations: notes, rests, dynamics (*p*, *fp*, *ppp*, *mf*), articulation marks (accents, slurs), and performance instructions (bowed, mb., perc., scrape tremolo, ct., vb., t.b., LV).

Score for 15 instruments: A1, A2, A3, A4, T1, T2, T3, B1, B2, B3, B4, and three unlabeled staves.

**Instrument Groups:**

- A1, A2, A3, A4:** String quartet (violin/viola, strings). Includes a "circle" marking on the violin/viola staff.
- T1, T2, T3:** Percussion (triangle/bell, triangle/bell, triangle/bell). Includes "LV" (low volume) and "bowed" markings.
- B1, B2, B3, B4:** String quartet (violin/viola, strings).

**Performance Details:**

- Tempo:**  $\text{♩} = 96$
- Time Signature:**  $\frac{4}{4}$
- Section:** I Stone
- Rehearsal Markings:** "circle" on violin/viola staves.
- Dynamic Markings:** *ppp*, *p*, *fp*, *f*, *fp*, *p*, *(p)*.
- Performance Techniques:** "bowed", "perc.", "unmeasured".
- Measure Groupings:** 5:4, 3:2, 5:4.

Score for Percussion Ensemble, measures 86-91.

**Part A1:** [v.] (vibraphone), [sh. g. w.g.] (shimmer gong, water gong). Dynamics: *fp*, *p*, *p*, *p*, *p*. Ratios: 5:4, 5:4.

**Part A2:** [v.] (vibraphone), [sh. g. w.g.] (shimmer gong, water gong). Dynamics: *p*, *fp*, *(p)*, *p*, *p*. Ratios: 5:4, 5:4.

**Part A3:** [v.] (vibraphone), [sh. g. w.g.] (shimmer gong, water gong). Dynamics: *p*, *p*, *fp*, *p*, *p*. Ratios: 5:4, 5:4.

**Part A4:** [v.] (vibraphone), [sh. g. w.g.] (shimmer gong, water gong). Dynamics: *p*, *fp*, *f*. Ratios: 5:4, 5:4.

**Part T1:** [w.b.] (water bottle). Dynamics: *p*, *ppp*, *p*, *f*, *p*, *ppp*. Ratios: 14:12.

**Part T2:** [r. sn. t.t.] (rhythm section). Dynamics: *unmeasured*.

**Part T3:** [toms & b.d.] (toms and bongo drums). Dynamics: *p*, *p*, *ppp*, *p*, *f*, *p*, *ppp*.

**Part B1:** [v.] (vibraphone), [sh. g. w.g.] (shimmer gong, water gong). Dynamics: *fp*, *(p)*, *p*, *p*. Ratios: 4:3, 5:4.

**Part B2:** [v.] (vibraphone), [sh. g. w.g.] (shimmer gong, water gong). Dynamics: *fp*, *(p)*, *p*, *p*. Ratios: 5:4, 5:4, 4:5.

**Part B3:** [v.] (vibraphone), [sh. g. w.g.] (shimmer gong, water gong). Dynamics: *p*, *p*, *p*, *p*. Ratios: 5:4, 5:4.

**Part B4:** [v.] (vibraphone), [sh. g. w.g.] (shimmer gong, water gong). Dynamics: *p*, *p*, *p*, *p*. Ratios: 5:4, 6:7.



Score for Percussion and Strings, measures 92-97.

**Part A1:** *sh.*, *g.*, *w.g.* (Violins). Measures 92-97. Dynamics: *p*, *fp*, *(p)*. Includes a *struck* marking in measure 93.

**Part A2:** *sh.*, *g.*, *w.g.* (Violins). Measures 92-97. Dynamics: *p*, *fp*, *(p)*. Includes a *struck* marking in measure 93. Ratios: 4:5, 5:4.

**Part A3:** *sh.*, *g.*, *w.g.* (Violins). Measures 92-97. Dynamics: *p*, *(p)*, *fp*. Includes a *struck* marking in measure 97. Ratios: 4:3.

**Part A4:** *sh.*, *g.*, *w.g.* (Violins). Measures 92-97. Dynamics: *fp*, *p*, *(p)*. Includes a *struck* marking in measure 93. Ratios: 6:7.

**Part T1:** *w.b.* (Woodwinds). Measures 92-97. Dynamics: *p*, *f*, *ppp*. Ratios: 3:2.

**Part T2:** *r.*, *sn.*, *t.t.* (Percussion). Measures 92-97. Dynamics: *p*, *fp*, *(p)*. Includes *unmeasured* and *measured* markings.

**Part T3:** *toms* & *b.d.* (Percussion). Measures 92-97. Dynamics: *p*, *(p)*. Includes a *struck* marking in measure 93.

**Part B1:** *sh.*, *g.*, *w.g.* (Violins). Measures 92-97. Dynamics: *p*, *fp*, *(p)*. Includes a *struck* marking in measure 93. Ratios: 4:5, 5:4.

**Part B2:** *sh.*, *g.*, *w.g.* (Violins). Measures 92-97. Dynamics: *p*, *(p)*, *fp*. Includes a *struck* marking in measure 93. Ratios: 5:4.

**Part B3:** *sh.*, *g.*, *w.g.* (Violins). Measures 92-97. Dynamics: *p*, *fp*. Includes a *struck* marking in measure 93. Ratios: 6:7, 6:5, 5:4.

**Part B4:** *sh.*, *g.*, *w.g.* (Violins). Measures 92-97. Dynamics: *p*, *fp*. Includes a *struck* marking in measure 93. Ratios: 5:4.

Score for Waves, measures 18-23. The score is written for a percussion ensemble with the following parts: A1, A2, A3, A4, T1, T2, T3, B1, B2, B3, and B4. The notation includes various percussion-specific symbols such as *struck*, *tapped*, *spun*, *mb.*, *vb.*, and *t.b.*, along with dynamic markings like *p*, *ppp*, *mf*, *f*, and *fp*. The score is divided into measures 18 through 23, with a repeat sign at the end of measure 23. The notation includes various percussion-specific symbols such as *struck*, *tapped*, *spun*, *mb.*, *vb.*, and *t.b.*, along with dynamic markings like *p*, *ppp*, *mf*, *f*, and *fp*. The score is divided into measures 18 through 23, with a repeat sign at the end of measure 23.

[illegible]

Score for 12 instruments: A1, A2, A3, A4, T1, T2, T3, B1, B2, B3, B4, and T3.

**Instrument A1:** [v.] (voice), sh. (shout), g. (growl), w.g. (wailing growl). Includes "scrape" and "inhale" markings.

**Instrument A2:** [v.] (voice), sh. (shout), g. (growl), w.g. (wailing growl). Includes "scrape" and "spun" markings.

**Instrument A3:** [v.] (voice), sh. (shout), g. (growl), w.g. (wailing growl). Includes "scrape" and "inhale" markings.

**Instrument A4:** [v.] (voice), sh. (shout), g. (growl), w.g. (wailing growl). Includes "spun" markings.

**Instrument T1:** [mb.] (mallet). Includes "perc." (percussion) and "mb." (mallet) markings.

**Instrument T2:** [vb.] (vibraphone). Includes "perc." (percussion) and "unmeasured" markings.

**Instrument T3:** [toms & b.d.] (toms and bongo drums). Includes "perc." (percussion) and "b.d." (bongo drums) markings.

**Instrument B1:** [v.] (voice), sh. (shout), g. (growl), w.g. (wailing growl). Includes "spun" and "struck" markings.

**Instrument B2:** [v.] (voice), sh. (shout), g. (growl), w.g. (wailing growl). Includes "scrape" and "spun" markings.

**Instrument B3:** [v.] (voice), sh. (shout), g. (growl), w.g. (wailing growl). Includes "scrape" and "spun" markings.

**Instrument B4:** [v.] (voice), sh. (shout), g. (growl), w.g. (wailing growl). Includes "spun" markings.

The score features various musical notations including notes, rests, and dynamic markings such as *p*, *ppp*, *f*, *mp*, *fp*, and *wh.* (whisper). It also includes performance instructions like "inhale", "scrape", "spun", "struck", and "unmeasured".

The musical score is arranged in 12 staves, each representing a different instrument or section. The staves are labeled on the left as follows: A1, A2, A3, A4, T1, T2, T3, B1, B2, B3, B4, and an unlabeled part. Each staff has a bracket on the left indicating its group (A, T, or B). The notation includes various musical symbols such as notes, rests, and dynamic markings (e.g., *f*, *p*, *fp*, *ppp*). Performance instructions are written above or below the staves, including 'inhale', 'scrape', 'spun', 'mb.', 'perc.', 'vb.', 'p.p.', 'wh.', 'ch.', and 'f.p.'. The score is divided into measures by vertical bar lines, and the instruments play in a coordinated fashion throughout the piece.

Score for **L Waves**, 4/4 time, tempo  $\text{♩} = 48$ . The score is divided into two systems, each containing four staves (A1-A4 and B1-B4) and two tom/tubular bell staves (T1-T2 and T3-T4).

**Staff A1:** Vocal line with notes and rests. Includes markings for *sh.*, *g.*, *w.g.*, *inhale*, *scrape*, *f*, *p*, *fp*, *s-*, *ppp*, *mf*, and *p*.

**Staff A2:** Vocal line with notes and rests. Includes markings for *sh.*, *g.*, *w.g.*, *inhale*, *sh-*, *p*, *fp*, *s-*, *pp*, and *p*.

**Staff A3:** Vocal line with notes and rests. Includes markings for *sh.*, *g.*, *w.g.*, *inhale*, *scrape*, *p*, *f*, *fp*, *s-*, *p*, *(p)*, *pp*, and *p*.

**Staff A4:** Vocal line with notes and rests. Includes markings for *sh.*, *g.*, *w.g.*, *inhale*, *sh-*, *p*, *fp*, *s-*, *p*, *(p)*, *mf*, *pp*, and *p*.

**Staff T1:** Tom/Tubular Bell line with notes and rests. Includes markings for *w.b.*, *mb.*, *(ppp)*, *p*, *(p)*, *p*, *ppp*, and *p*.

**Staff T2:** Tom/Tubular Bell line with notes and rests. Includes markings for *r.*, *sn.*, *t.t.*, *inhale*, *f*, *p*, *p*, *ppp*, *vb.*, *p*, *(p)*, *ppp*, and *p*.

**Staff T3:** Tom/Tubular Bell line with notes and rests. Includes markings for *toms*, *b.d.*, *inhale*, *f*, *p*, *p*, *ppp*, *t.b.*, *ppp*, and *p*.

**Staff B1:** Vocal line with notes and rests. Includes markings for *sh.*, *g.*, *w.g.*, *inhale*, *scrape*, *p*, *f*, *fp*, *s-*, *p*, *ppp*, *mf*, and *p*.

**Staff B2:** Vocal line with notes and rests. Includes markings for *sh.*, *g.*, *w.g.*, *inhale*, *sh-*, *p*, *fp*, *s-*, *p*, *(p)*, *pp*, and *p*.

**Staff B3:** Vocal line with notes and rests. Includes markings for *sh.*, *g.*, *w.g.*, *inhale*, *scrape*, *p*, *f*, *fp*, *s-*, *p*, *(p)*, *pp*, and *p*.

**Staff B4:** Vocal line with notes and rests. Includes markings for *sh.*, *g.*, *w.g.*, *inhale*, *scrape*, *p*, *f*, *fp*, *s-*, *p*, *(p)*, *pp*, and *p*.



Score for 12 instruments, organized into four systems (A1-A4, T1-T3, B1-B4). Each system includes a vocal line (v.) and a piano line (sh., g., w.g.).

**System A1-A4:**

- A1:** Vocal line with *p* and *fp* dynamics. Piano line with *circle* marking.
- A2:** Vocal line with *p* and *fp* dynamics. Piano line with *circle* marking.
- A3:** Vocal line with *(p)* and *fp* dynamics. Piano line with *circle* marking.
- A4:** Vocal line with *p* and *fp* dynamics. Piano line with *circle* marking.

**System T1-T3:**

- T1:** Vocal line with *fp* and *p* dynamics. Piano line with *circle* marking.
- T2:** Vocal line with *fp* and *p* dynamics. Piano line with *circle* marking.
- T3:** Vocal line with *p* and *fp* dynamics. Piano line with *circle* marking.

**System B1-B4:**

- B1:** Vocal line with *p* and *fp* dynamics. Piano line with *circle* marking.
- B2:** Vocal line with *p* and *fp* dynamics. Piano line with *circle* marking.
- B3:** Vocal line with *p* and *fp* dynamics. Piano line with *circle* marking.
- B4:** Vocal line with *p* and *fp* dynamics. Piano line with *circle* marking.



Score for Percussion and Strings, measures 138-143.

**Measures 138-143:**

- Drum Kit (A1, A2, A3, A4):** Includes snare (sh.), guitar (g.), and woodblock (w.g.).
  - A1:** Starts with a *p* (piano) note. Measure 140 features a *struck* effect. Measure 142 has a *circle* annotation.
  - A2:** Starts with a *p* (piano) note. Measure 140 features a *circle* annotation.
  - A3:** Starts with a *p* (piano) note. Measure 140 features a *circle* annotation.
  - A4:** Starts with a *p* (piano) note. Measure 140 features a *circle* annotation.
- Tom-Toms (T1, T2, T3):**
  - T1:** Includes cymbal (ct.). Measure 142 features a *bowed* effect.
  - T2:** Includes snare (sn.) and tom-tom (t.t.). Measure 140 features a *bowed* effect. Measure 142 features a *scrape tremolo* effect.
  - T3:** Includes tom-toms (toms) and bass drum (b.d.). Measure 140 features a *bowed* effect.
- String Quartet (B1, B2, B3, B4):** Includes violin (v.), viola (v.), and cello/bass (sh., g., w.g.).
  - B1:** Starts with a *p* (piano) note. Measure 140 features a *circle* annotation.
  - B2:** Starts with a *p* (piano) note. Measure 140 features a *circle* annotation.
  - B3:** Starts with a *p* (piano) note. Measure 140 features a *circle* annotation.
  - B4:** Starts with a *p* (piano) note. Measure 140 features a *circle* annotation.

Dynamic markings include *p* (piano), *ppp* (pianississimo), *mf* (mezzo-forte), *f* (forte), and *fp* (forzando). Performance instructions include *circle*, *struck*, *bowed*, *scrape tremolo*, *lv* (labeled), and *l.b.* (labeled).

Score for Percussion and Strings, measures 144-148.

**Part A1:** [v.] (voice), [sh. g. w.g.] (string). *struck* (measure 144), *p* (measure 145), *p* (measure 146), *p* (measure 147), *ppp* (measure 148).

**Part A2:** [v.] (voice), [sh. g. w.g.] (string). *circle* (measure 144), *p* (measure 145), *p* (measure 146), *p* (measure 147), *p* (measure 148).

**Part A3:** [v.] (voice), [sh. g. w.g.] (string). *circle* (measure 144), *p* (measure 145), *p* (measure 146), *p* (measure 147), *p* (measure 148).

**Part A4:** [v.] (voice), [sh. g. w.g.] (string). *circle* (measure 144), *p* (measure 145), *p* (measure 146), *p* (measure 147), *mf* (measure 148).

**Part T1:** [v.] (voice), [bowed] (string). *fp* (measure 144), *(p)* (measure 145), *(p)* (measure 146), *(p)* (measure 147), *p* (measure 148).

**Part T2:** [v.] (voice), [scrape tremolo] (string). *p* (measure 144), *(p)* (measure 145), *fp* (measure 146), *p* (measure 147), *p* (measure 148).

**Part T3:** [v.] (voice), [t.b.] (string). *fp* (measure 144), *3:2* (measure 145), *p* (measure 146), *p* (measure 147), *p* (measure 148).

**Part B1:** [v.] (voice), [sh. g. w.g.] (string). *circle* (measure 144), *p* (measure 145), *p* (measure 146), *p* (measure 147), *p* (measure 148).

**Part B2:** [v.] (voice), [sh. g. w.g.] (string). *circle* (measure 144), *p* (measure 145), *p* (measure 146), *p* (measure 147), *p* (measure 148).

**Part B3:** [v.] (voice), [sh. g. w.g.] (string). *circle* (measure 144), *p* (measure 145), *p* (measure 146), *p* (measure 147), *p* (measure 148).

**Part B4:** [v.] (voice), [sh. g. w.g.] (string). *circle* (measure 144), *p* (measure 145), *p* (measure 146), *p* (measure 147), *p* (measure 148).

Score for Percussion and Strings, measures 150-154.

**Strings (A1, A2, A3, A4):** Violin (v.), Viola (v.), Violoncello (g.), and Double Bass (w.g.).

**Percussion (T1, T2, T3, B1, B2, B3, B4):** Tom-tom (T1), Snare (T2), Bass Drum (T3), Bongos (B1), Maracas (B2), Triangle (B3), and Cymbals (B4).

**Measures 150-154:**

- Measure 150:** A1, A2, A3, A4 play a sustained note. T1 plays a *ppp* note. T2 plays a *ppp* note. T3 plays a *p* note. B1, B2, B3, B4 play a sustained note.
- Measure 151:** A1, A2, A3, A4 play a sustained note. T1 plays a *p* note. T2 plays a *p* note. T3 plays a *ppp* note. B1, B2, B3, B4 play a sustained note.
- Measure 152:** A1, A2, A3, A4 play a sustained note. T1 plays a *ppp* note. T2 plays a *p* note. T3 plays a *p* note. B1, B2, B3, B4 play a sustained note.
- Measure 153:** A1, A2, A3, A4 play a sustained note. T1 plays a *mb.* note. T2 plays a *fp* note. T3 plays a *p* note. B1, B2, B3, B4 play a sustained note.
- Measure 154:** A1, A2, A3, A4 play a sustained note. T1 plays a *p* note. T2 plays a *p* note. T3 plays a *p* note. B1, B2, B3, B4 play a sustained note.

Score for Percussion and Strings, measures 156-161.

**Strings (A1, A2, A3, A4):** Violins (v.), Viola (v.), and Double Basses (sh., g., w.g.).

**Percussion (T1, T2, T3):** T1 (mb.), T2 (r., sn., t.t.), T3 (toms & b.d.).

**Other Instruments:** B1, B2, B3, B4 (likely additional strings or percussion).

**Measure 156:** A1, A2, A3, A4 play a sustained note. T1 plays a single note. T2 plays a single note. T3 plays a single note. B1, B2, B3, B4 play a sustained note.

**Measure 157:** A1, A2, A3, A4 play a sustained note. T1 plays a single note. T2 plays a single note. T3 plays a single note. B1, B2, B3, B4 play a sustained note.

**Measure 158:** A1, A2, A3, A4 play a sustained note. T1 plays a single note. T2 plays a single note. T3 plays a single note. B1, B2, B3, B4 play a sustained note.

**Measure 159:** A1, A2, A3, A4 play a sustained note. T1 plays a single note. T2 plays a single note. T3 plays a single note. B1, B2, B3, B4 play a sustained note.

**Measure 160:** A1, A2, A3, A4 play a sustained note. T1 plays a single note. T2 plays a single note. T3 plays a single note. B1, B2, B3, B4 play a sustained note.

**Measure 161:** A1, A2, A3, A4 play a sustained note. T1 plays a single note. T2 plays a single note. T3 plays a single note. B1, B2, B3, B4 play a sustained note.

Score for Percussion and Strings, measures 162-167.

**Measures 162-167:**

- Drum Kit (A1, A2, A3, A4):** A1 and A2 play a sustained low note (p). A3 and A4 play a sustained low note (p). A3 has a "struck" marking at the beginning.
- Tom-Toms (T1, T2, T3):** T1 and T2 play a series of notes (p, ppp, p, ppp, p). T3 plays a series of notes (p, ppp, p, ppp, p). T1 and T2 have "bowed" markings.
- String Quartet (B1, B2, B3, B4):** B1 and B2 play a sustained low note (p). B3 and B4 play a sustained low note (p). B1 and B2 have "circle" markings.

Dynamic markings include *fp*, *p*, *ppp*, *mf*, and *ff*. Performance instructions include "circle", "struck", "bowed", "lv", "vb", "t.b.", and "t.t.". Rhythmic markings include "4:3" and "5:4".

A1

sh.

g.

w.g.

circle

A2

sh.

g.

w.g.

circle

A3

sh.

g.

w.g.

circle

A4

sh.

g.

w.g.

struck

[v.]

3:2

T1 [cl.]

bowed

[v.]

T2 [vb.]

bowed

[v.]

T3 [t.b.]

B1

sh.

g.

w.g.

circle

B2

sh.

g.

w.g.

circle

B3

sh.

g.

w.g.

circle

B4

sh.

g.

w.g.

struck