

# Synapse

Michael Alcorn

This musical score is for the piece "Synapse" by Michael Alcorn. It is a full orchestral score with a tempo of quarter note = 96. The score is written for a large ensemble, including woodwinds, brass, strings, and a diverse percussion section. The woodwind section consists of Piccolo, Flute 1 and 2, Oboe 1, 2, and 3, Clarinet in E-flat, Clarinet in B-flat 1 and 2, Bassoon 1 and 2, and Contrabassoon. The brass section includes Horns in F 1-4, Trumpets in B-flat 1-3, Trombones 1 and 2, and Tuba. The string section includes Violin I and II, Viola, Violoncello, and Contrabass. The percussion section is extensive, featuring Xylophone, Marimba (with a specific instruction for "stop resonance"), Woodblock, Tom-Toms, and a section for "Transformed percussion sounds". The score is marked with a dynamic of *ffz sempre* (fortissimo forzando, always) throughout most of the piece. Various performance techniques are indicated, such as *pizz* (pizzicato) and *arco* (arco) for strings, and *sim.* (simile) for percussion. The score is presented on a single page with a clean, professional layout.

Transformed percussion sounds

*ff*

This page of a musical score, page 2, contains the following parts and markings:

- Picc.**: Piccolo part, starting with a *ff* dynamic.
- Fl. 1, Fl. 2**: First and second flute parts.
- Ob. 1, Ob. 2, Ob. 3**: First, second, and third oboe parts.
- En. Cl.**: English Horn part.
- B. Cl. 1, B. Cl. 2**: First and second bassoon parts.
- Bsn. 1, Bsn. 2**: First and second bassoon parts.
- C. Bn.**: Contrabassoon part.
- Ha. 1, Ha. 2, Ha. 3, Ha. 4**: First, second, third, and fourth horn parts.
- B. Tpt. 1, B. Tpt. 2, B. Tpt. 3**: First, second, and third trumpet parts.
- T. Tbn. 1, T. Tbn. 2**: First and second trombone parts.
- B. Tbn.**: Third trombone part.
- Tuba**: Tuba part.
- Perc. 1, Perc. 2, Perc. 3**: Three percussion parts.
- Vln. I, Vln. II**: First and second violin parts, with *pp* dynamics.
- Vla.**: Viola part, with *pp* dynamics.
- Vc.**: Cello part, with *pp* dynamics.
- Cb.**: Double Bass part, with *pp* dynamics.
- L.E.**: Left End of the page.

The score includes various musical notations such as dynamics (*ff*, *pp*), articulations (*acc*), and a first ending bracket labeled '1' in the Piccolo part.

Picc.

Fl. 1

Fl. 2

Ob. 1

Ob. 2

Ob. 3

En. Cl.

B. Cl. 1

B. Cl. 2

Bsn. 1

Bsn. 2

C. Bn.

Hr. 1

Hr. 2

Hr. 3

Hr. 4

B. Tpt. 1

B. Tpt. 2

B. Tpt. 3

T. Tbn. 1

T. Tbn. 2

B. Tbn.

Tuba

Perc. 1

Perc. 2

Perc. 3

Vln. I

Vln. II

Vla.

Vcl.

Cb.

L.E.

This page of an orchestral score, page 4, contains the following staves and instruments:

- Picc.** (Piccolo)
- Fl. 1, 2** (Flutes)
- Ob. 1, 2, 3** (Oboes)
- Cl. 1, 2** (Clarinets)
- Bsn. 1, 2** (Bassoons)
- C. Bn.** (Contrabassoon)
- Hrn. 1, 2, 3, 4** (Horns)
- Trpt. 1, 2, 3** (Trumpets)
- T. Tbn. 1, 2** (Tenor Trombones)
- B. Tbn.** (Baritone Trombone)
- Tuba**
- Perc. 1, 2, 3** (Percussion)
- Vln. I, II** (Violins)
- Vla.** (Viola)
- Vc.** (Violoncello)
- Cb.** (Contrabass)

The score includes dynamic markings such as *f* (forte), *ff* (fortissimo), *sfz* (sforzando), *pp* (pianissimo), and *p* (piano), as well as performance instructions like *arco* and *pizz*. A second ending bracket is present at the top right of the page, above the Piccolo staff, and another is above the Violin I staff.

Picc.

Fl. 1

Fl. 2

Ob. 1

Ob. 2

Ob. 3

En. Cl.

Bb. Cl. 1

Bb. Cl. 2

Bsn. 1

Bsn. 2

C. Bn.

Hrn. 1

Hrn. 2

Hrn. 3

Hrn. 4

Bb. Tpt. 1

Bb. Tpt. 2

Bb. Tpt. 3

T. Tbn. 1

T. Tbn. 2

B. Tbn.

Tuba

Perc. 1

Perc. 2

Perc. 3

P

Vln. I

Vln. II

Vla.

Vc.

Cb.

L.E.

This page of a musical score, numbered 6, contains the following instruments and parts:

- Picc.** (Piccolo)
- Fl. 1** (Flute 1)
- Fl. 2** (Flute 2)
- Ob. 1** (Oboe 1)
- Ob. 2** (Oboe 2)
- Ob. 3** (Oboe 3)
- Cl. 1** (Clarinet 1)
- Cl. 2** (Clarinet 2)
- Bsn. 1** (Bassoon 1)
- Bsn. 2** (Bassoon 2)
- C. Bn.** (Contrabassoon)
- Hr. 1** (Horn 1)
- Hr. 2** (Horn 2)
- Hr. 3** (Horn 3)
- Hr. 4** (Horn 4)
- B. Tpt. 1** (Bass Trumpet 1)
- B. Tpt. 2** (Bass Trumpet 2)
- B. Tpt. 3** (Bass Trumpet 3)
- T. Tbn. 1** (Tenor Trombone 1)
- T. Tbn. 2** (Tenor Trombone 2)
- B. Tbn.** (Baritone Trombone)
- Tuba**
- Perc. 1** (Percussion 1)
- Perc. 2** (Percussion 2)
- Perc. 3** (Percussion 3)
- Vln. I** (Violin I)
- Vln. II** (Violin II)
- Vla.** (Viola)
- Vc.** (Violoncello)
- Cb.** (Contrabasso)
- L.E.** (Left End of the string section)

The score includes various musical notations such as dynamics (*sfz*, *p*), articulation (accents, slurs), and performance instructions. A rehearsal mark with the number '3' is present at the top of the Piccolo staff and the Violin I staff.

4  $\text{♩} = 120$

Picc. *ff*

Fl. 1 *ff sempre*

Fl. 2 *ff sempre*

Ob. 1 *ff sempre*

Ob. 2 *ff sempre*

Ob. 3 *ff*

Es.Cl. *ff*

B♭-Cl. 1 *ff sempre*

B♭-Cl. 2 *ff sempre*

Bsn. 1 *ff sempre*

Bsn. 2 *ff sempre*

C. Bn. *ff*

Hr. 1

Hr. 2

Hr. 3

Hr. 4

B♭ Tpt. 1

B♭ Tpt. 2

B♭ Tpt. 3

T. Tbn. 1 *ff*

T. Tbn. 2 *ff*

B. Tbn. *ff*

Tuba *ff*

Perc. 1 (marimba) *ff*

Perc. 2

Perc. 3 *pp*

75 (narrow chromatic cluster) *ff*

(white note cluster in lowest two octaves)

4  $\text{♩} = 120$

Vln. I *divisi ff sempre*

Vln. II *divisi ff sempre*

Vla. *divisi ff sempre*

Vcl. *divisi ff sempre*

Cb. *ff*

L.E. 75

Picc.

Fl. 1

Fl. 2

Ob. 1

Ob. 2

Ob. 3

En. Cl.

Bb. Cl. 1

Bb. Cl. 2

Bsn. 1

Bsn. 2

C. Bn.

Hn. 1

Hn. 2

Hn. 3

Hn. 4

Bb. Tpt. 1

Bb. Tpt. 2

Bb. Tpt. 3

T. Tbn. 1

T. Tbn. 2

B. Tbn.

Tuba

Perc. 1

Perc. 2

Perc. 3

P

Vln. I

Vln. II

Vla.

Vc.

Cb.

L.E.

*ff*

*con sord.*

*senza sord.*

*p*

*f*

*pp*



This page of a musical score, numbered 9, contains the following instruments and parts:

- Picc.**: Piccolo
- Fl. 1**, **Fl. 2**: Flutes
- Ob. 1**, **Ob. 2**, **Ob. 3**: Oboes
- E♭-Cl.**: E-flat Clarinet
- B♭-Cl. 1**, **B♭-Cl. 2**: B-flat Clarinets
- Bsn. 1**, **Bsn. 2**: Bassoons
- C. Bn.**: Contrabassoon
- Ha. 1**, **Ha. 2**, **Ha. 3**, **Ha. 4**: Horns
- B♭ Tpt. 1**, **B♭ Tpt. 2**, **B♭ Tpt. 3**: B-flat Trumpets
- T. Tbn. 1**, **T. Tbn. 2**: Tenor Trombones
- B. Tbn.**: Baritone Trombone
- Tuba**: Tuba
- Perc. 1**, **Perc. 2**, **Perc. 3**: Percussion
- Violins**: Violin I and Violin II
- Vla.**: Viola
- Vc.**: Violoncello
- Cb.**: Contrabass
- L.E.**: Left End of the string section

The score includes various musical notations such as dynamics (e.g., *ff*, *fz*), accents, and phrasing slurs. The Piccolo part begins with a forte dynamic and a series of notes. The Trombone and Tuba parts also feature strong dynamics and phrasing. The string section (Violins, Viola, Violoncello, and Contrabass) plays a complex, multi-measure passage with phrasing slurs and dynamic markings.

5

6

Picc.  
 Fl. 1  
 Fl. 2  
 Ob. 1  
 Ob. 2  
 Ob. 3  
 E♭ Cl.  
 B♭ Cl. 1  
 B♭ Cl. 2  
 Bsn. 1  
 Bsn. 2  
 C. Bn.  
 Hrn. 1  
 Hrn. 2  
 Hrn. 3  
 Hrn. 4  
 B♭ Tpt. 1  
 B♭ Tpt. 2  
 B♭ Tpt. 3  
 T. Tbn. 1  
 T. Tbn. 2  
 B. Tbn.  
 Tuba  
 Perc. 1  
 Perc. 2  
 Perc. 3  
 Vln. I  
 Vln. II  
 Vla.  
 Vcl.  
 Cb.  
 52  
 L.E.

Musical score page 10, featuring staves for Piccolo, Flutes (Fl. 1, Fl. 2), Oboes (Ob. 1, Ob. 2, Ob. 3), Clarinets (E♭ Cl., B♭ Cl. 1, B♭ Cl. 2), Bassoons (Bsn. 1, Bsn. 2, C. Bn.), Horns (Hrn. 1, Hrn. 2, Hrn. 3, Hrn. 4), Trumpets (B♭ Tpt. 1, B♭ Tpt. 2, B♭ Tpt. 3), Trombones (T. Tbn. 1, T. Tbn. 2, B. Tbn., Tuba), Percussion (Perc. 1, Perc. 2, Perc. 3), Violins (Vln. I, Vln. II), Viola (Vla.), Violoncello (Vcl.), and Contrabass (Cb.). The score includes various musical notations such as dynamics (p, f, ff, sfz), articulation (accents, slurs), and performance instructions like "ff sempre" and "divisi".

This page of a musical score, numbered 11, contains the following instruments and parts:

- Picc.** (Piccolo)
- Fl. 1** and **Fl. 2** (Flutes)
- Ob. 1**, **Ob. 2**, and **Ob. 3** (Oboes)
- E♭ Cl.** (E-flat Clarinet)
- B♭ Cl. 1** and **B♭ Cl. 2** (B-flat Clarinets)
- Bsn. 1** and **Bsn. 2** (Bassoons)
- C. Bn.** (Contrabassoon)
- Hr. 1** and **Hr. 2** (Horns)
- Hr. 3**, **Hr. 4**, **B♭ Tpt. 1**, **B♭ Tpt. 2**, and **B♭ Tpt. 3** (Horn and Trumpet sections)
- T. Tbn. 1**, **T. Tbn. 2**, **B. Tbn.**, and **Tuba** (Trombone and Tuba sections)
- Perc. 1**, **Perc. 2**, and **Perc. 3** (Percussion)
- Vln. I**, **Vln. II**, **Vla.**, **Vc.**, and **Cb.** (String section)
- L.E.** (Left End of the string section)

The score is written in a standard musical notation with various clefs, time signatures, and dynamic markings. The page number '11' is located at the top right corner.

Woodwind and string section score, measures 100-110. The score includes parts for Piccolo, Flutes 1 & 2, Oboes 1, 2, & 3, English Clarinet, Bass Clarinets 1 & 2, Bassoons 1 & 2, Contrabassoon, Horns 1-4, Trumpets 1-3, Trombones 1-3, and Tuba. Percussion includes three parts with specific instructions for log drums and sample blocks. The strings are represented by a grand staff. The score is marked with 'Lunge' and various dynamics including *sfz*, *f*, and *ff*. Measure 110 is marked with a repeat sign.

String and lower woodwind section score, measures 110-115. The score includes parts for Violin I, Violin II, Viola, Violoncello (Vc.), and Contrabass (Cb.). The strings are marked with *sfz* and *ff*. The Cb. part includes *pizz* and *arco* markings. The score is marked with 'Lunge' and includes specific performance instructions such as 'snap pizz arco' and 'snap pizz arco' with accents.

\* start on one note in the ten notes of the instrument

8

Picc. *mf* *f*

Fl. 1

Fl. 2

Ob. 1

Ob. 2

Ob. 3

E-Cl.

B♭-Cl. 1 *mf* *f*

B♭-Cl. 2

Bsn. 1

Bsn. 2

C. Bn.

Ha. 1

Ha. 2

Ha. 3

Ha. 4

B♭ Tpt. 1

B♭ Tpt. 2

B♭ Tpt. 3

T. Tbn. 1

T. Tbn. 2

B. Tbn.

Tuba

band crashes

Perc. 1 *f*

Perc. 2

Perc. 3

124 *mf* *f*

8

Vln. I *mf* *f*

Vln. II *mf* *f*

Vla. *mf* *f*

Vc. *mf* *f*

Cb. *mf* *f*

L.E.

accel.....

9

♩ = 120

Picc.

Fl. 1

Fl. 2

Ob. 1

Ob. 2

Ob. 3

E♭ Cl.

B♭ Cl. 1

B♭ Cl. 2

Bsn. 1

Bsn. 2

C. Bn.

Hr. 1

Hr. 2

Hr. 3

Hr. 4

B♭ Tpt. 1

B♭ Tpt. 2

B♭ Tpt. 3

T. Tbn. 1

T. Tbn. 2

B. Tbn.

Tuba

Perc. 1

Perc. 2

Perc. 3

crotales

Piano

accel.....

9

♩ = 120

Vln. I

Vln. II

Vla.

Vc.

Cb.

L.E.

10

Picc. *ff*

Fl. 1 *ff*

Fl. 2 *ff*

Ob. 1 *ff*

Ob. 2 *ff*

Ob. 3 *ff*

E♭ Cl. *ff*

B♭ Cl. 1 *ff*

B♭ Cl. 2 *ff*

Bsn. 1 *ff*

Bsn. 2 *ff*

C. Bn. *ff*

Hr. 1 *ff*

Hr. 2 *ff*

Hr. 3 *ff*

Hr. 4 *ff*

B♭ Tpt. 1 *ff*

B♭ Tpt. 2 *ff*

B♭ Tpt. 3 *ff*

T. Tbn. 1

T. Tbn. 2

B. Tbn.

Tuba

Perc. 1

Perc. 2 *f* *f* *f*

Perc. 3

*ff*

Vln. I *ff* *pizz.* *divisi* *mf* *arco* *p* *mf* *p* *mf*

Vln. II *ff* *pizz.* *mf* *arco* *p* *mf* *ff*

Vla. *ff* *p* *mf* *ff*

Vc. *ff* *arco* *ff*

Cb. *ff*

L.E. *ff*

Picc.

Fl. 1

Fl. 2

Ob. 1

Ob. 2

Ob. 3

E♭ Cl.

B♭ Cl. 1

B♭ Cl. 2

Bsn. 1

Bsn. 2

C. Bn.

Ha. 1

Ha. 2

Ha. 3

Ha. 4

B♭ Tpt. 1

B♭ Tpt. 2

B♭ Tpt. 3

T. Tbn. 1

T. Tbn. 2

B. Tbn.

Tuba

Perc. 1

Perc. 2

Perc. 3

Vln. I *pizz* *divisi* *f* *arco* *nuti*

Vln. II *pizz* *divisi* *f* *arco* *nuti*

Vla. *pizz* *f* *arco*

Vc. *pizz* *f* *arco*

Cb.



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

- Picc.** (Piccolo)
- Fl. 1** (Flute 1)
- Fl. 2** (Flute 2)
- Ob. 1** (Oboe 1)
- Ob. 2** (Oboe 2)
- Ob. 3** (Oboe 3)
- E♭ Cl.** (E-flat Clarinet)
- B♭ Cl. 1** (B-flat Clarinet 1)
- B♭ Cl. 2** (B-flat Clarinet 2)
- Bsn. 1** (Bassoon 1)
- Bsn. 2** (Bassoon 2)
- C. Bn.** (Contrabassoon)
- Hr. 1** (Horn 1)
- Hr. 2** (Horn 2)
- Hr. 3** (Horn 3)
- Hr. 4** (Horn 4)
- B♭ Tpt. 1** (B-flat Trumpet 1)
- B♭ Tpt. 2** (B-flat Trumpet 2)
- B♭ Tpt. 3** (B-flat Trumpet 3)
- T. Tbn. 1** (Trombone 1)
- T. Tbn. 2** (Trombone 2)
- B. Tbn.** (Baritone Trombone)
- Tuba**
- Perc. 1** (Percussion 1)
- Perc. 2** (Percussion 2)
- Perc. 3** (Percussion 3)
- Piano** (Piano)
- Vln. I** (Violin I)
- Vln. II** (Violin II)
- Vla.** (Viola)
- Vc.** (Violoncello)
- Cb.** (Cello)

The score includes dynamic markings such as *mp* (mezzo-piano) and *f* (forte). The page number 175 is visible at the bottom left corner.



This page of a musical score, numbered 19 at the top right and 14 in a box at the top right, contains the following instruments and parts:

- Woodwinds:** Piccolo (Picc.), Flute 1 (Fl. 1), Flute 2 (Fl. 2), Oboe 1 (Ob. 1), Oboe 2 (Ob. 2), Oboe 3 (Ob. 3), English Horn (En. Cl.), Bassoon 1 (Bb. Cl. 1), Bassoon 2 (Bb. Cl. 2), Bassoon 3 (Bbn.), Horn 1 (Hn. 1), Horn 2 (Hn. 2), Horn 3 (Hn. 3), Horn 4 (Hn. 4).
- Brass:** Trumpet 1 (Bb. Tpt. 1), Trumpet 2 (Bb. Tpt. 2), Trumpet 3 (Bb. Tpt. 3), Trombone 1 (T. Tbn. 1), Trombone 2 (T. Tbn. 2), Trombone 3 (B. Tbn.), Tuba.
- Percussion:** Perc. 1, Perc. 2, Perc. 3.
- Keyboard:** Piano (P).
- Strings:** Violin I (Vln. I), Violin II (Vln. II), Viola (Vla.), Violoncello (Vc.), Contrabass (Cb.).
- Other:** L.E. (likely a low end or electronic part) at the bottom left.

The score is written in 4/4 time and features various dynamic markings such as *ppp* (pianissimo), *sfz* (sforzando), and *sf* (sforzando). Performance instructions include *sempre tr* (sempre trillo) and *arco* (arco). The page is divided into measures, with a large bracketed section starting at measure 13 and ending at measure 14.

116

Picc. *ppp* *p* *f* *p*

Fl. 1 *ppp* *p* *f* *p*

Fl. 2 *ppp*

Ob. 1 *ppp* *p* *f* *p*

Ob. 2 *ppp*

Ob. 3 *ppp*

E♭ Cl. *ppp*

B♭ Cl. 1 *ppp*

B♭ Cl. 2 *ppp* (not trilled) *p* *f* *p*

Bsn. 1 *ppp* (not trilled) *p* *f* *p*

Bsn. 2 *ppp*

C. Bn. *ppp*

Hr. 1 *ppp* *p* *f* *p*

Hr. 2 *ppp*

Hr. 3 *ppp*

Hr. 4 *ppp*

B♭ Tpt. 1 *ppp*

B♭ Tpt. 2 *ppp*

B♭ Tpt. 3 *ppp*

T. Tbn. 1 *ppp*

T. Tbn. 2 *ppp*

B. Tbn. *ppp*

Tuba *ppp*

116

Perc. 1 *p* *f* *p*

Perc. 2 *ppp* *p* *f* *p*

Perc. 3

5 temple blocks

Mirimba

touch inside piano and strike lowest strings with the palm of the hand

116

Vln. I *ppp* *f* *ppp*

Vln. II *ppp* *f* *ppp*

Vla. *ppp* *f* *ppp*

Vc. *ppp* *f* *ppp*

Cb. *ppp* *f* *ppp*

L.E.

16

Picc. Fl. 1 Fl. 2 Ob. 1 Ob. 2 Ob. 3 E♭ Cl. B♭ Cl. 1 B♭ Cl. 2 Bsn. 1 Bsn. 2 C. Bn. Hn. 1 Hn. 2 Hn. 3 Hn. 4 B♭ Tpt. 1 B♭ Tpt. 2 B♭ Tpt. 3 T. Tbn. 1 T. Tbn. 2 B. Tbn. Tuba Perc. 1 Perc. 2 Perc. 3 Vln. I Vln. II Vla. Vc. Cb. L.E.