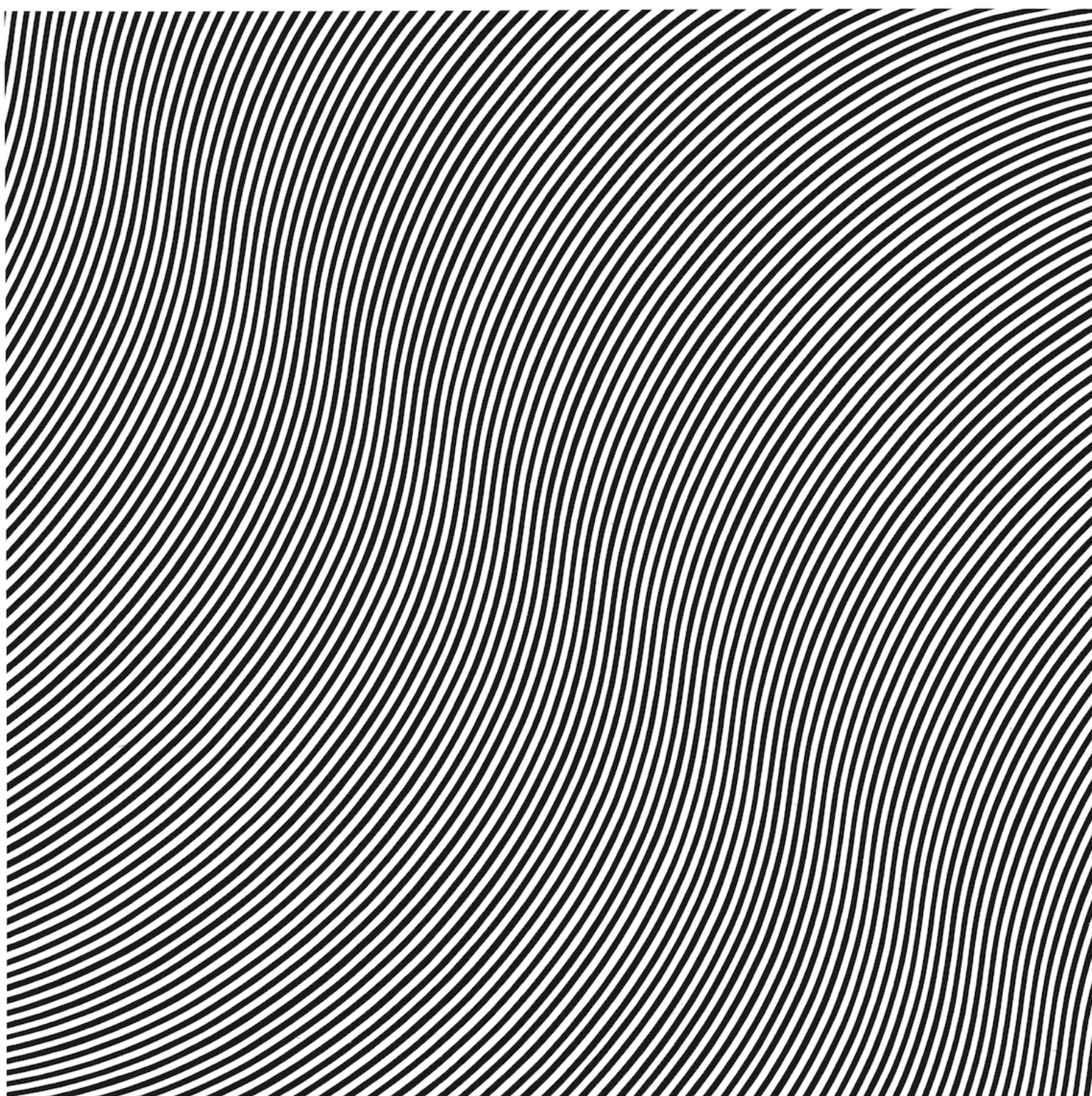


OPTIC NERVE



ERIC SHANFIELD

OPTIC NERVE

Eric Shanfield

ENS.2019.3 | 9.15.19-9.27.19 | 12 mins.

Piccolo	4 Horns in F	16 Violins I
2 Flutes	3 Trumpets in Bb	16 Violins II
2 Oboes	2 Tenor Trombones	12 Violas
Cor Anglais	Bass Trombone	12 Cellos
2 Clarinets in Bb	Tuba	8 Basses
Bass Clarinet in Bb		
2 Bassoons		
Contrabassoon		

Score is *transposed*.

OPTIC NERVE

Optic Nerve is a kind of experiment. Its two movements attempt, slightly differently, to represent in sound the effect of visual patterns as exemplified by the art of Bridget Riley and Sol LeWitt. The musical material is limited to simple lines: vertical and horizontal lines straight or broken (chords short, long, and pulsed), diagonal (glissandos), or wavy (tremolos and oscillations).

The two complementary movements combine these continuously moving lines into blocks, using permutations to vary the orchestral colors while shifting the musical material in relation to itself, creating an aural moiré.

The title was suggested not only by the visual work of Riley and LeWitt but by Maria Gainza's marvelous eponymous novel about observation and art, while also referencing Adrian Tomine's long-running comics series of the same name with its hard black and white lines concealing stories of immense depth and perception.

Optic Nerve, for orchestra without percussion, is in two movements and lasts about twelve minutes.

OPTIC NERVE

I.

Eric Shanfield

♩=116

Piccolo

Flute 1, 2

Oboe 1, 2

Cor Anglais

Clarinet 1, 2 in Bb

Bass Clarinet in Bb

Bassoon 1, 2

Contrabassoon

Horn 1, 2 in F

Horn 3, 4 in F

Trumpet 1-3 in Bb

Tenor Trombone 1, 2

Bass Trombone Tuba

♩=116

Violin I

Violin II

Viola

Violoncello

Contrabass

3x

9

Picc. *f*

Fl. 1, 2 *f*

Ob. 1, 2 *f*

C. A. *f*

Cl. 1, 2 *f*

B. Cl. *f*

Bsn. 1, 2 *f*

Cbsn. *f*

Hn. 1, 2 *f*

Hn. 3, 4 *f*

Tpt. 1-3 *f*

Tbn. 1, 2 *f*

B. Tbn. Tbn. *f*

Vln. I *f*

Vln. II *f* *sim.*

Vla. *f* *sim.*

Vc. *f*

Cb. *f*

Detailed description: This is a page of a musical score for 'OPTIC NERVE - I.', page 2. The score is for a large orchestra and includes parts for Piccolo, Flutes (1, 2), Oboes (1, 2), Clarinet in A, Clarinets (1, 2), Bass Clarinet, Bassoons (1, 2), Contrabassoon, Horns (1, 2 and 3, 4), Trumpets (1-3), Trombones (1, 2), Bass Trombone/Tuba, Violin I, Violin II, Viola, Cello, and Double Bass. The music is in 2/4 time and features a complex rhythmic pattern with frequent rests. The Piccolo, Flutes, Clarinets, Bass Clarinet, Bassoons, and Double Bass parts have a melodic line with sixteenth-note runs and triplets. The Oboes, Horns, Trumpets, Trombones, and Bass Trombone/Tuba parts play chords and single notes. The Violin I part has a melodic line with slurs and accents. The Violin II and Viola parts play a steady eighth-note accompaniment. The Cello and Double Bass parts play a simple bass line. The score is marked with a box containing the number '9' at the beginning of the first measure of each staff. Dynamics include *f* (forte) and *sim.* (sforzando).

14

Picc.

Fl. 1, 2

Ob. 1, 2

C. A.

Cl. 1, 2

B. Cl.

Bsn. 1, 2

Cbsn.

Hn. 1, 2

Hn. 3, 4

Tpt. 1-3

Tbn. 1, 2

B. Tbn.
Tba.

Vln. I

Vln. II

Vla.

Vc.

Cb.

20

24

Picc. *3* *3* *4* *5* *5* *5*

Fl. 1 *3* *3* *4* *5* *5* *5*

Fl. 2 *3* *3* *4* *5* *5* *5*

Ob. 1 *4* *3* *3* *3*

Ob. 2 *4* *3* *3* *3*

C. A. *4*

Cl. 1 *3* *3* *4* *6* *6* *6*

Cl. 2 *3* *3* *4* *7*

B. Cl. *3* *4*

Bsn. 1 *4*

Bsn. 2 *4*
Play 2nd x only

Cbsn. *4*

Hn. 1, 2 *4*

Hn. 3, 4 *4*

Tpt. 1 *4*

Tpt. 2 *3* *3* *3* *3* *4*

Tpt. 3 *5* *5* *4*

Tbn. 1 *5* *4*

Tbn. 2 *3* *3* *4*

B. Tbn. Tba. *4*

20

24

Vln. I *4* *div. a3*

Vln. II *4* *div. a3*

Vla. *4* *div. a3*

Vc. *non div.* *(non div.)*

Vc. *non div.* *(non div.)*

Cb. *4* *div.*

25

Picc.

Fl. 1

Fl. 2

Ob. 1

Ob. 2

C. A.

Cl. 1

Cl. 2

B. Cl.

Bsn. 1, 2

Cbsn.

Hn. 1, 2

Hn. 3, 4

Tpt. 1-3

Tbn. 1, 2

B. Tbn. Tba.

Vln. I

Vln. II

Vla.

Vc.

Cb.

30

Picc. *6* *4*

Fl. 1, 2 *6* *4*

Ob. 1, 2 *6* *4*

C. A.

Cl. 1, 2 *6* *4*

B. Cl.

Bsn. 1, 2

Cbsn.

Hn. 1, 2

Hn. 3, 4

Tpt. 1-3

Tbn. 1, 2

B. Tbn. Tba.

30

Vln. I *unis.*

Vln. II *non div.*

Vla. *div.*

Vc.

Cb. *unis.*

35

Picc.

Fl. 1, 2

Ob. 1, 2

C. A.

Cl. 1, 2

B. Cl.

Bsn. 1, 2

Cbsn.

Hn. 1, 2 *flz.*

Hn. 3, 4 *flz.*

Tpt. 1 *con sord.*

Tpt. 2 *con sord.*

Tpt. 3 *con sord.*

Tbn. 1, 2

B. Tbn.

Tba.

35

Vln. I *div.*

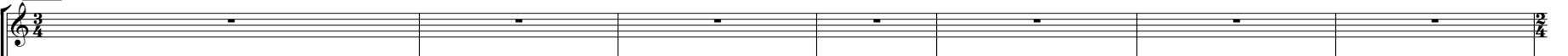
Vln. II *div.*


Vla.


Vc. *div.*

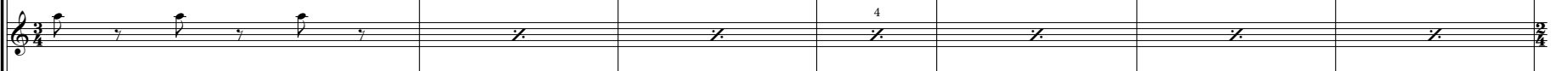
Cb.


41


Picc. 


Fl. 1 

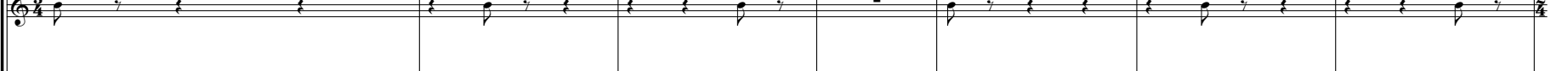
Fl. 2 


Ob. 1 

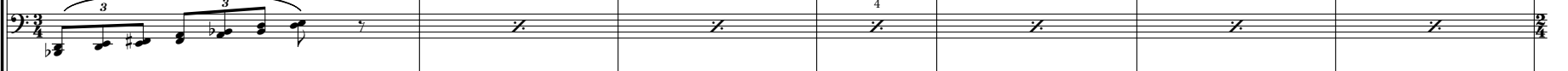
Ob. 2 


C. A. 

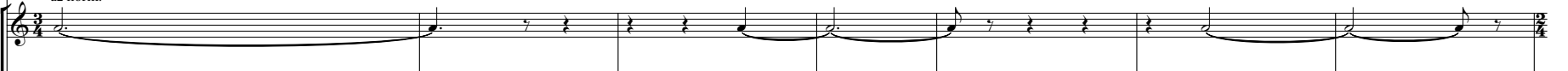
Cl. 1 


Cl. 2 


B. Cl. 

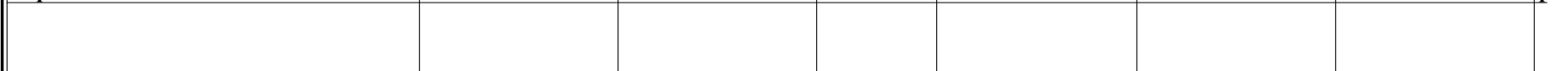
Bsn. 1, 2 


Cbsn. 

Hn. 1, 2 *a2 norm.* 

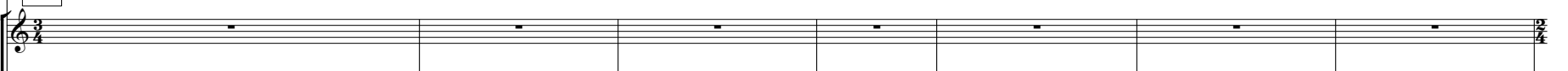
Hn. 3, 4 *a2 norm.* 

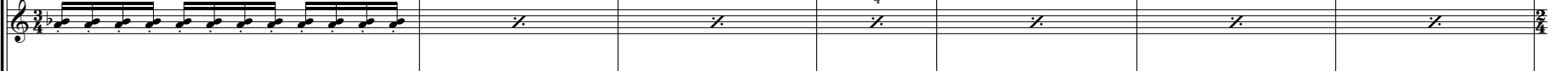
Tpt. 1-3 


Tbn. 1, 2 

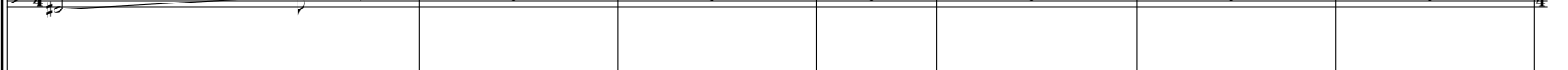
B. Tbn. Tba. *(Tba.)* 


41

Vln. I 

Vln. II 

Vla. 

Vc. 

Cb. 

48

Picc.

Fl. 1, 2

Ob. 1

Ob. 2

C. A.

Cl. 1, 2

B. Cl.

Bsn. 1, 2

Cbsn.

Hn. 1, 2

Hn. 3, 4

Tpt. 1-3

Tbn. 1, 2

B. Tbn. Tbn.

48

Vln. I

Vln. II

Vla.

Vc.

Cb.

55

Picc. *f* 3 3 3 3

Fl. 1 *f* 5 5

Fl. 2 *f*

Ob. 1

Ob. 2

C. A. *f* 6 6 6 6 6 6 6 6 6 6

Cl. 1, 2

B. Cl.

Bsn. 1, 2 6 6 6 6 6 6 6 6 6 6

Cbsn.

Hn. 1 7 7

Hn. 2 3 3 3 3

Hn. 3 7 7

Hn. 4 3 3 3 3

Tpt. 1-3

Tbn. 1, 2

B. Tbn. Tba. *f*

55

Vln. I 3 3 3 3

Vln. II 5 5 7 7

Vla. 3 3 3 3

Vc. (7-12)

Cb.

59

Picc. *3 3 3*

Fl. 1 *5 5*

Fl. 2

Ob. 1 *5 5*

Ob. 2

C. A. *6 6 6 6 6 6 6 6 6 6 6 6*

Cl. 1, 2

B. Cl.

Bsn. 1, 2 *6 6 6 6 6 6 6 6 6 6 6 6*

Cbsn.

Hn. 1, 2 *flz.*

Hn. 3, 4 *flz.*

Tpt. 1-3

Tbn. 1, 2

B. Tbn. Tba.

59

Vln. I *norm. f p f p*

Vln. II *norm. f p f p*

Vla. *norm. f p f p*

Vc.

Cb.

63

Picc. *f* *p*

Fl. 1, 2 *f* *p*

Ob. 1, 2 *f* *p*

C. A.

Cl. 1, 2 *f* *p*

B. Cl.

Bsn. 1, 2

Cbsn.

Hn. 1, 2 *a2 norm.* *f* *p*

Hn. 3, 4 *a2 norm.* *f* *p*

Tpt. 1-3

Tbn. 1, 2

B. Tbn. Tba.

Detailed description: This block contains the orchestral score for measures 63 through 67. The score is written for a large ensemble including Piccolo, Flutes 1 and 2, Oboes 1 and 2, Clarinet in A, Clarinets 1 and 2, Bass Clarinet, Bassoons 1 and 2, Contrabassoon, Horns 1 and 2 (marked 'a2 norm.'), Horns 3 and 4 (marked 'a2 norm.'), Trumpets 1-3, Trombones 1 and 2, and Bass Trombone/Tuba. The music features a complex rhythmic pattern with many triplets and rests. Dynamics range from fortissimo (f) to piano (p). The time signature changes from 4/4 to 3/4 at measure 66.

63

Vln. I *f* (div.)

Vln. II non div. *f*

Vla. (div.)

Vc. (div.) *f*

Cb.

Detailed description: This block contains the string section score for measures 63 through 67. It includes staves for Violin I (marked 'div.'), Violin II (marked 'non div.'), Viola (marked 'div.'), Violoncello (marked 'div.'), and Contrabass. The Violin I part features a melodic line with many rests and dynamic markings. The Violin II part has a rhythmic accompaniment. The Viola and Violoncello parts also have rhythmic accompaniments. The Contrabass part is mostly silent. Dynamics range from fortissimo (f) to piano (p). The time signature changes from 4/4 to 3/4 at measure 66.

68 72

Picc. *f* *p*

Fl. 1, 2 *f* *p*

Ob. 1 *f* *p* 5 5

Ob. 2 *f* *p* 3 3 3 3

C. A. 3 3 3 3 3 3 3 3 *f* *p* *f* *p*

Cl. 1, 2 ^(a2) *f* *p* 3 3

B. Cl. 3 3 3 3 3 3 3 3 3 3

Bsn. 1, 2 3 3 3 3 3 3 3 3 3 3

Cbsn. 3 3 3 3 3 3 3 3 3 3

Hn. 1, 2 ^(a2) *f* *p* *p* *f* *p*

Hn. 3, 4 ^(a2) *f* *p* *p* *f* *p*

Tpt. 1-3 - - - - -

Tbn. 1 *con sord.* *f* 5 *p* *f* 5 *p*

Tbn. 2 *con sord.* *f* 3 3 *p* *f* 3 3 *p*

B. Tbn. Tba. - - - - -

72

Vln. I *f* *p*

Vln. II *f* *p*

Vla. *f* *p*

Vc. *f* *p*

Cb. - - - - -

76

74

Picc.

Fl. 1, 2

Ob. 1

Ob. 2

C. A.

Cl. 1

Cl. 2

B. Cl.

Bsn. 1, 2

Cbsn.

Hn. 1, 2

Hn. 3, 4

Tpt. 1-3

Tpt. 1, 2

Tpt. 3

Tbn. 1

Tbn. 2

B. Tbn. Tba.

76

Vln. I

Vln. II

Vla.

Vc.

Cb.

82

79

Picc. -

Fl. 1 -

Fl. 2 -

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

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

C. A. *p*

Cl. 1 *f* *mf* *mp* *p*

Cl. 2 *f* *mf* *mp* *p*

B. Cl. -

Bsn. 1, 2

Cbsn. -

Hn. 1, 2 *f* *p*

Hn. 3, 4 *f* *p*

Tpt. 1, 2 *f* *p*

Tpt. 3 *f*

Tbn. 1, 2 *f* *p* 1. senza sord.

B. Tbn. *f* (B. Tbn.)

82

Vln. I *f* *p* div. a5

Vln. II *p*

Vla. *p*

Vc. *p*

Cb. *f* *p* pizz.

84

Picc.

Fl. 1

Fl. 2

Ob. 1, 2

C. A.

Cl. 1, 2

B. Cl.

Bsn. 1, 2

Cbsn.

Hn. 1, 2

Hn. 3, 4

Tpt. 1-3

Tbn. 1, 2

B. Tbn.
Tba.

Vln. I

Vln. II

Vla.

Vc.

Cb.

89

Picc.

Fl. 1, 2 (1.)

Ob. 1 *p*

Ob. 2 *p*

C. A.

Cl. 1 *p*

Cl. 2 *p*

B. Cl. *p*

Bsn. 1 *p*

Bsn. 2 *p*

Cbsn. *p*

Hn. 1, 2 *p*

Hn. 3, 4 *p*

Tpt. 1-3

Tbn. 1, 2 *p* senza sord.

B. Tbn. Tba. *p*

89

Vln. I *p* div.

Vln. II *p* arco

Vla. *p* arco

Vc. *p* arco div.

Cb. *p* arco

94

Picc.

Fl. 1, 2

Ob. 1, 2

C. A.

Cl. 1, 2

B. Cl.

Bsn. 1, 2

Cbsn.

Hn. 1, 2

Hn. 3, 4

Tpt. 1-3

Tbn. 1, 2

B. Tbn.

Tba.

94

Vln. I

Vln. II

Vla.

Vc.

Cb.

103

99

Picc. *f* 6 4

Fl. 1, 2 *f* 6 4

Ob. 1, 2 *p* *f* 6 4

C. A. *p* *f* 4

Cl. 1, 2 *f* 4

B. Cl. *f* 4

Bsn. 1, 2 *f* 4

Cbsn. *f* 4

Hn. 1, 2 (a2) *f* 4

Hn. 3, 4 (a2) *f* 4

Tpt. 1-3 *p* *f* 4

Tbn. 1, 2 *f* 4

B. Tbn. *f* 4

Tba. *f* 4

103

Vln. I *f* 6 4

Vln. II *f* 6 4

Vla. *f* 6 4

Vc. *f* 4

Cb. *f* 4

108

107

Picc.

Fl. 1, 2

Ob. 1, 2

C. A.

Cl. 1

Cl. 2

B. Cl.

Bsn. 1

Bsn. 2

Cbsn.

Hn. 1, 2

Hn. 3, 4

Tpt. 1, 2

Tpt. 3

Tbn. 1, 2

B. Tbn.
Tba.

108

Vln. I

Vln. II

Vla.

Vc.

Cb.

detaché

4

112

Picc.

Fl. 1, 2

Ob. 1, 2

C. A.

Cl. 1

Cl. 2

B. Cl.

Bsn. 1

Bsn. 2

Cbsn.

Hn. 1, 2

Hn. 3, 4

Tpt. 1-3

Tpt. 1, 2

Tpt. 3

Tbn. 1, 2

B. Tbn.
Tba.

Detailed description of the woodwind section score for measures 112-113. The score includes parts for Piccolo, Flutes 1 & 2, Oboes 1 & 2, Cor Anglais, Clarinets 1 & 2, Bass Clarinet, Bassoons 1 & 2, Contrabassoon, Horns 1 & 2, Horns 3 & 4, Trumpets 1-3, Trumpets 1 & 2, Trumpet 3, Trombones 1 & 2, Bass Trombone, and Tuba. Measure 112 shows the start of the section with various rests and initial notes. Measure 113 features a dynamic marking of *f* and includes complex rhythmic patterns such as triplets and quintuplets in the Clarinet 1, Bass Clarinet, Bassoon 1, Horns 3 & 4, and Contrabassoon parts. The Bassoon 2 part has a *div. détaché* marking. The Trumpet 1 & 2 part has a *(2.)* marking. The Trombone and Tuba parts are mostly at rest.

113

Vln. I

Vln. II

Vla.

Vc.

Cb.

Detailed description of the string section score for measures 112-113. The score includes parts for Violin I, Violin II, Viola, Violoncello, and Contrabass. Measure 112 shows the start of the section with various rests and initial notes. Measure 113 features a dynamic marking of *f* and includes complex rhythmic patterns such as triplets and quintuplets in the Viola, Violoncello, and Contrabass parts. The Viola part has a *div. détaché* marking. The Violoncello and Contrabass parts have a *(2.)* marking. The Violin I and Violin II parts are mostly at rest.

117

Picc.

Fl. 1, 2

Ob. 1

Ob. 2

C. A.

Cl. 1

Cl. 2

B. Cl.

Bsn. 1

Bsn. 2

Cbsn.

Hn. 1, 2

Hn. 3, 4

Tpt. 1-3

Tbn. 1, 2

B. Tbn.
Tba.

117

Vln. I

Vln. II

Vla.

Vc.

Cb.

122 129 3x

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

Fl. 1, 2 *f* *f* *f* *f*

Ob. 1, 2 *f* *f* *f* *f*

C. A. *f* *p* *f* *p*

Cl. 1, 2 *f* *p* *f* *p*

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

Bsn. 1, 2 *f* *p* *f* *p*

Cbsn. *f* *p* *f* *p*

Hn. 1, 2 *f* *p* *f* *p*

Hn. 3, 4 *f* *p* *f* *p*

Tpt. 1-3 *f* *p* *f* *p*

Tbn. 1, 2 *p* *f* *p* *f*

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

122 129 3x

Vln. I *p* *f* *f* *f*

Vln. II *p* *f* *f* *f*

Vla. *f* *f* *f* *f*

Vc. *f* *f* *f* *f*

Cb. *f* *f* *f* *f*

133

Picc. 

Fl. 1, 2 

Ob. 1, 2 

C. A. 

Cl. 1, 2 

B. Cl. 


Bsn. 1, 2 

Cbsn. 


Hn. 1, 2 

Hn. 3, 4 

Tpt. 1-3 

Tbn. 1, 2 

B. Tbn. 

Tba. 

133

Vln. I 

Vln. II 

Vla. 

Vc. 

Cb. 

140

Picc.

Fl. 1, 2

Ob. 1, 2

C. A.

Cl. 1, 2

B. Cl.

Bsn. 1, 2

Cbsn.

Hn. 1, 2

Hn. 3, 4

Tpt. 1-3

Tbn. 1, 2

B. Tbn.

Tba.

Vln. I

Vln. II

Vla.

Vc.

Cb.

ff

p

div.

6

4

OPTIC NERVE

II.

Eric Shanfield

$\text{♩} = 126$

Piccolo *ff*

Flute 1, 2 *ff*

Oboe 1, 2 *ff*

Cor Anglais *ff*

Clarinet 1, 2 in Bb *ff*

Bass Clarinet in Bb *ff*

Bassoon 1, 2 *ff*

Contrabassoon *ff*

Horn 1, 2 in F *ff*

Horn 3, 4 in F *ff*

Trumpet 1-3 in Bb *ff*

Tenor Trombone 1, 2 *ff*

B. Tbn.
Bass Trombone/Tuba *ff*

$\text{♩} = 126$
non div.

Violin I *ff*

Violin II *ff*

Viola *ff*

Violoncello *ff*

Contrabass *ff*

9 **11**

Picc.

Fl. 1, 2

Ob. 1, 2

C. A.

Cl. 1, 2

B. Cl.

Bsn. 1, 2

Cbsn.

Hn. 1, 2

Hn. 3, 4

Tpt. 1-3

Tbn. 1, 2

B. Tbn.
Tbn.

(B. Tbn.)

11 non vib.

Vln. I

Vln. II

Vla.

Vc.

Cb.

20

16

Picc.

Fl. 1

Fl. 2

Ob. 1, 2

C. A.

Cl. 1, 2

B. Cl.

Bsn. 1, 2

Cbsn.

Hn. 1, 2

Hn. 3, 4

Tpt. 1-3

Tbn. 1, 2

B. Tbn.
Tba.

(B. Tbn.)

20

Vln. I

Vln. II

Vla.

Vc.

Cb.

norm. div. a4

non vib.

non vib.

non div.

ff

This page of a musical score, numbered 28, is for the piece 'OPTIC NERVE - II.' and contains measures 16 through 20. The score is arranged in a standard orchestral format with multiple staves for each instrument family. The woodwind section includes Piccolo, Flutes 1 and 2, Oboes 1 and 2, Clarinet in A, Clarinets 1 and 2, Bass Clarinet, Bassoons 1 and 2, and Contrabassoon. The brass section includes Horns 1 and 2, Horns 3 and 4, Trumpets 1-3, Trombones 1 and 2, and a combined Bass Trombone/Tuba part. The string section includes Violins I and II, Viola, Violoncello, and Contrabass. The score features a variety of musical notations, including rests, notes, and complex textures. A significant feature is the use of 'norm. div. a4' (normal division by 4) in the string parts, indicated by a box containing the number '20' above the staff. This technique involves dividing the string length by four to produce a specific timbre. Other markings include 'non vib.' (non-vibrato) and a dynamic marking of 'ff' (fortissimo) at the bottom of the page. The first measure of the page is marked with a '16' in a small box.

24 28

Picc.
Fl. 1
Fl. 2
Ob. 1, 2
C. A.
Cl. 1, 2
B. Cl.
Bsn. 1, 2
Cbsn.

This section of the score covers measures 24 to 29. It includes parts for Piccolo, Flute 1, Flute 2, Oboe 1 & 2, Cor Anglais, Clarinet 1 & 2, Bass Clarinet, Bassoon 1 & 2, and Contrabassoon. The woodwinds play a rhythmic pattern of eighth notes, while the brass instruments play a similar pattern. A box with the number '28' is placed above the Piccolo staff at the start of measure 28.

Hn. 1, 2
Hn. 3, 4
Tpt. 1-3
Tbn. 1, 2
B. Tbn.
Tbn.

This section covers measures 24 to 29 for the brass instruments. It includes Horns 1 & 2, Horns 3 & 4, Trumpets 1-3, Trombones 1 & 2, and Baritone Trombone/Tuba. The horns play a rhythmic pattern of eighth notes, while the trumpets and trombones play a similar pattern. A box with the number '28' is placed above the Trumpets staff at the start of measure 28.

28

Vln. I
Vln. II
Vla.
Vc.
Cb.

This section covers measures 24 to 29 for the string instruments. It includes Violin I, Violin II, Viola, Violoncello, and Contrabass. The strings play a rhythmic pattern of eighth notes. A box with the number '28' is placed above the Violin I staff at the start of measure 28. Performance markings include '(div.)' for Violin II, 'norm.' for Violin I and Viola, and 'div. a4' for Violoncello and Contrabass.

This musical score page, numbered 30, is titled "OPTIC NERVE - II." and features a full orchestral arrangement. The score is organized into systems for various instruments, with a double bar line at the beginning of each system. The instruments and their parts are as follows:

- Picc.**: Piccolo, starting at measure 30 with a melodic line.
- Fl. 1**: First Flute, playing a melodic line with slurs.
- Fl. 2**: Second Flute, playing a rhythmic pattern of eighth notes.
- Ob. 1, 2**: Oboes, playing a melodic line with long slurs.
- C. A.**: Clarinet in A, playing a rhythmic pattern of eighth notes.
- Cl. 1, 2**: Clarinets in Bb, playing a melodic line with long slurs.
- B. Cl.**: Bass Clarinet, playing a rhythmic pattern of eighth notes.
- Bsn. 1, 2**: Bassoons, playing a melodic line with long slurs.
- Cbsn.**: Contrabassoon, playing a rhythmic pattern of eighth notes.
- Hn. 1, 2**: Horns in F, playing a rhythmic pattern of eighth notes.
- Hn. 3, 4**: Horns in C, playing a rhythmic pattern of eighth notes.
- Tpt. 1-3**: Trumpets, playing a rhythmic pattern of eighth notes with a *sim.* (sustained) marking.
- Tbn. 1, 2**: Trombones, playing a rhythmic pattern of eighth notes.
- B. Tbn. Tba.**: Baritone and Tuba, playing a rhythmic pattern of eighth notes.
- Vln. I**: Violins I, playing a melodic line with long slurs.
- Vln. II**: Violins II, playing a rhythmic pattern of eighth notes with a *sim.* marking.
- Vla.**: Viola, playing a rhythmic pattern of eighth notes with a *sim.* marking.
- Vc.**: Violoncello, playing a melodic line with long slurs.
- Cb.**: Contrabass, playing a rhythmic pattern of eighth notes.

36 42

Picc.

Fl. 1

Fl. 2

Ob. 1, 2

C. A.

Cl. 1, 2

B. Cl.

Bsn. 1, 2

Cbsn.

Hn. 1, 2

Hn. 3, 4

Tpt. 1-3

Tbn. 1, 2

B. Tbn.
Tba.

36 42

Vln. I

Vln. II

Vla.

Vc.

Cb.

53

50

Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
C. A.
Cl. 1, 2
B. Cl.
Bsn. 1, 2
Cbsn.
Hn. 1, 2
Hn. 3, 4
Tpt. 1-3
Tbn. 1, 2
B. Tbn.
Tba.

(a2)

Detailed description: This block contains the musical score for measures 50 through 53 for the woodwind and string sections. The woodwinds (Piccolo, Flutes 1 & 2, Oboes 1 & 2, Clarinet in A, Clarinets 1 & 2, Bass Clarinet, Bassoons 1 & 2, Contrabassoon, Horns 1, 2 & 3, 4, Trumpets 1-3, Trombones 1 & 2, Bass Trombone, and Tuba) play a rhythmic pattern of eighth notes with accents. The strings (Violins I & II, Viola, Violoncello, and Contrabass) play a similar rhythmic pattern with sustained notes. The score includes dynamic markings such as *ff* and *f*.

53

Vln. I
Vln. II
Vla.
Vc.
Cb.

Detailed description: This block contains the musical score for measures 53 through 56 for the string section. The Violins I and II, Viola, Violoncello, and Contrabass parts are shown. The strings play a rhythmic pattern of eighth notes with sustained notes. The score includes dynamic markings such as *ff* and *f*.

57

Picc.

Fl. 1, 2

Ob. 1, 2

C. A.

Cl. 1, 2

B. Cl.

Bsn. 1, 2

Cbsn.

Hn. 1, 2

Hn. 3, 4

Tpt. 1-3

Tbn. 1, 2

B. Tbn.
Tba.

(a2)

flz.

ff

senza sord.

ff

senza sord.

ff

B. Tbn. senza sord.

ff

Vln. I

Vln. II

Vla.

Vc.

Cb.

unis. (7-12)

64
66

Picc.
Fl. 1, 2
Ob. 1, 2
C. A.
Cl. 1, 2
B. Cl.
Bsn. 1, 2
Cbsn.

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

66

Vln. I
Vln. II
Vla.
Vc.
Cb.

74

70

Picc.

Fl. 1, 2

Ob. 1, 2

C. A.

Cl. 1, 2

B. Cl.

Bsn. 1, 2

Cbsn.

Hn. 1, 2

Hn. 3, 4

Tpt. 1-3

Tbn. 1, 2

B. Tbn.
Tba.

74

Vln. I

Vln. II

Vla.

Vc.

Cb.

88

Picc.

Fl. 1, 2

Ob. 1, 2

C. A.

Cl. 1, 2

B. Cl.

Bsn. 1, 2

Cbsn.

Hn. 1, 2

Hn. 3, 4

Tpt. 1-3

Tbn. 1, 2

B. Tbn.

Tba.

Vln. I (unis.)

Vln. II (unis.)

Vla.

Vc.

Cb.

94

Picc. *3*

Fl. 1 *3*

Fl. 2 *5*

Ob. 1 *3*

Ob. 2

C. A. *5*

Cl. 1 *3*

Cl. 2

B. Cl. *5*

Bsn. 1, 2 *ff*

Cbsn. *ff*

Hn. 1, 2

Hn. 3, 4

Tpt. 1-3

Tbn. 1, 2

B. Tbn.

Tba.

Detailed description: This block contains the woodwind section of the score for measures 94 through 99. It includes parts for Piccolo, Flute 1 and 2, Oboe 1 and 2, Cor Anglais, Clarinet 1 and 2, Bass Clarinet, Bassoon 1 and 2, Contrabassoon, Horn 1 and 2, Horn 3 and 4, Trumpet 1-3, Trombone 1 and 2, Baritone Trombone, and Tuba. The woodwinds feature various rhythmic patterns, including triplets and quintuplets, and dynamic markings such as *ff*.

94

Vln. I *0*

Vln. II *0*

Vla. *unis.*

Vc. *unis.*

Cb. *0*

Detailed description: This block contains the string section of the score for measures 94 through 99. It includes parts for Violin I, Violin II, Viola, Violoncello, and Contrabass. The strings play a steady, rhythmic accompaniment. The Viola and Violoncello parts are marked *unis.* (unison).

100

Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
C. A.
Cl. 1
Cl. 2
B. Cl.
Bsn. 1, 2
Cbsn.
Hn. 1, 2
Hn. 3, 4
Tpt. 1-3
Tbn. 1, 2
B. Tbn.
Tba.

105

Vln. I
Vln. II
Vla.
Vc.
Cb.

106

Picc.

Fl. 1, 2

Ob. 1, 2

C. A.

Cl. 1, 2

B. Cl.

Bsn. 1, 2

Cbsn.

Hn. 1, 2

Hn. 3, 4

Tpt. 1-3

Tbn. 1, 2

B. Tbn.

Tba.

Vln. I

Vln. II

Vla.

Vc.

Cb.

113 117

Picc.

Fl. 1, 2

Ob. 1, 2

C. A.

Cl. 1, 2

B. Cl.

Bsn. 1, 2

Cbsn.

Hn. 1, 2

Hn. 3, 4

Tpt. 1-3

Tbn. 1, 2

B. Tbn. Tba.

113 117

Vln. I

Vln. II

Vla.

Vc.

Cb.

arco div. a3

3x

121
123

Picc.

Fl. 1, 2

Ob. 1, 2

C. A.

Cl. 1, 2

B. Cl.

Bsn. 1, 2

Cbsn.

Hn. 1, 2

Hn. 3, 4

Tpt. 1-3

Tbn. 1, 2

B. Tbn.
Tbn.

This block contains the woodwind section of the score for measures 121-123. The instruments listed are Piccolo, Flutes 1 & 2, Oboes 1 & 2, Cor Anglais, Clarinets 1 & 2, Bass Clarinet, Bassoons 1 & 2, Contrabassoon, Horns 1 & 2, Horns 3 & 4, Trumpets 1-3, Trombones 1 & 2, and Bass Trombone/Tuba. The woodwinds (Ob. 1, 2, C. A., Bsn. 1, 2, Cbsn.) play a rhythmic pattern of eighth notes starting in measure 121, marked with a forte (ff) dynamic. The brass instruments (Hn. 1, 2, Hn. 3, 4, Tpt. 1-3, Tbn. 1, 2, B. Tbn./Tbn.) play a similar rhythmic pattern of eighth notes, with the Horns 1 & 2 and Trumpets 1-3 playing in the treble clef and the Trombones in the bass clef.

123

Vln. I

Vln. II

Vla.

Vc.

Cb.

This block contains the string section of the score for measure 123. The instruments are Violin I, Violin II, Viola, Violoncello, and Contrabass. The strings play a melodic line starting in measure 123, marked with a forte (ff) dynamic. The Violins I and II play in the treble clef, the Viola in the alto clef, and the Violoncello and Contrabass in the bass clef. The score includes 'arco' markings for the Viola, Vc., and Cb. parts, indicating that they are to be played with the bow.

131

Picc.

Fl. 1, 2

Ob. 1, 2
non vib.

C. A.
non vib.

Cl. 1
ff

Cl. 2
ff

B. Cl.

Bsn. 1, 2

Cbsn.

Hn. 1, 2

Hn. 3, 4

Tpt. 1-3

Tbn. 1, 2

B. Tbn.
Tbn.
(B. Tbn.)

Detailed description: This block contains the woodwind section of the score for measures 131-136. The Piccolo and Flutes 1 & 2 are silent. Oboes 1 & 2 and Cor Anglais play sustained notes with a 'non vib.' instruction. Clarinets 1 and 2 play a rhythmic pattern of eighth notes, marked 'ff'. Bass Clarinet, Bassoon 1 & 2, and Contrabassoon play sustained notes. Horns 1 & 2, Horns 3 & 4, Trumpets 1-3, and Trombones 1 & 2 are silent. Baritone Trombone and Tuba play sustained notes.

131

Vln. I

Vln. II

Vla.
sim.

Vc.
pizz. div.

Cb.
pizz.

Detailed description: This block contains the string section of the score for measures 131-136. Violins I and II play sustained notes with a tremolo effect. Viola plays a rhythmic pattern of eighth notes, marked 'sim.'. Violoncello and Contrabass play sustained notes, marked 'pizz. div.' and 'pizz.' respectively.

139

3x

Picc.

Fl. 1, 2

Ob. 1, 2

C. A.

Cl. 1

Cl. 2

B. Cl.

Bsn. 1, 2

Cbsn.

Hn. 1, 2

Hn. 3, 4

Tpt. 1-3

Tbn. 1, 2

B. Tbn.
Tba.

139

3x

Vln. I

Vln. II

Vla.

Vc.

Cb.

143

Picc.

Fl. 1, 2

Ob. 1, 2

C. A.

Cl. 1, 2

B. Cl.

Bsn. 1, 2

Cbsn.

Hn. 1, 2

Hn. 3, 4

Tpt. 1-3

Tbn. 1, 2

B. Tbn.
Tbn.

(B. Tbn.)

143

Vln. I
unis. div. a3

Vln. II
unis. div. a3

Vla.

Vc.

Cb.

150

154

149

Picc. -

Fl. 1, 2 -

Ob. 1, 2 -

C. A. *ff*

Cl. 1, 2 *ff*

B. Cl. *ff*

Bsn. 1, 2 (1.) *ff*

Cbsn. *ff*

Hn. 1, 2 *ff* *pavillons en l'air*

Hn. 3, 4 *ff* *pavillons en l'air*

Tpt. 1-3 *ff*

Tbn. 1, 2 -

Tbn. 1 *flz.* *ff*

Tbn. 2 *flz.* *ff*

B. Tbn. Tbn. (B. Tbn.) *flz.* *ff*

150

154

Vln. I

Vln. II

Vla. *ff*

Vc. *ff*

Cb. -

162

Picc.

Fl. 1

Fl. 2

Ob. 1

Ob. 2

C. A.

Cl. 1, 2

B. Cl.

Bsn. 1, 2

Cbsn.

Hn. 1, 2

Hn. 3, 4

Tpt. 1-3

Tbn. 1, 2

B. Tbn.
Tba.

Vln. I

Vln. II

Vla.

Vc.

Cb.

a2