

2010

## NASHAZ FOR ORCHSTRA

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NASHAZ  
FOR ORCHSTRA

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by

Mohamed-Aly Maged Farag

Graduate Program in Music

2

A thesis submitted in partial  
fulfillment of the requirements for  
the degree of Master of Music

School of Graduate and Postdoctoral Studies  
The University of Western Ontario  
London, Ontario, Canada

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THE UNIVERSITY OF WESTERN ONTARIO  
FACULTY OF GRADUATE STUDIES

**CERTIFICATE OF EXAMINATION**

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The thesis by

**Mohamed Farag**

entitled:

**Nashaz**

is accepted in partial fulfilment of the  
requirements for the degree of  
Master of Music

Date \_\_\_\_\_

\_\_\_\_\_  
Dr. Paul Woodford

## ABSTRACT

*Nashaz* is a composition for orchestra in two movements lasting approximately 11-12 minutes in duration. It is mainly inspired by the musical language of my home country, Egypt. The word “Nashaz” is an Arabic word with no direct English translation, but conceptually meaning “out of tune” or more appropriately for the affect of piece, “out of conformity” or “out of proportion”. In *Nashaz*, Arabic modes, which make use of three-quarter tone steps called *maqams*, are integrated with western musical materials including diatonicism, octatonicism and free atonality to create the harmonic vocabulary in the piece. The first movement applies the lyrical characteristics of Classical Arabic Song to this idea, while the second movement puts the idea in the context of asymmetric Arabic rhythms in a faster tempo. The climax, which is at the end of the piece, is a violent ostinato in a subdivided 7/4 pattern with both additive and subtractive rhythms, with each section of the orchestra fighting for supremacy of its role. Eventually the music crashes into a brick wall.

The concept of asymmetry in both rhythmic and pitch content is the heart of the compositional design and has the goal of being accessible to both eastern and western ears.

**Keywords:** Composition, Orchestra, Quarter-tones, Arabic Orchestral Music, Maqam.

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# NASHAZ

نشاز

*for orchestra*

Mohamed-Aly Farag

2010

## ORCHESTRATION

2 Flutes (2<sup>nd</sup> doubling Piccolo)  
2 Oboes (2<sup>nd</sup> doubling English Horn)  
Clarinet in B-flat  
Soprano Clarinet in E-flat (doubling Bass Clarinet in B-flat)  
2 Bassoons

2 Horns in F  
2 Trumpets in C  
2 Tenor Trombones  
Tuba

Timpani (hard and soft mallets)

Percussion (3 Players):  
Tam-tam  
Cymbals (brush and yarn mallets)  
Triangle  
Bass Drum  
Snare Drum  
Tambourine  
Temple Blocks

Strings

## PERFORMANCE NOTES

 = Quarter-tone flat

 = Quarter-tone sharp



I. Moderato

II. Vivace

Duration: 11-12 minutes

# Nashaz

for orchestra

Mohamed-Aly Farag  
(2010)

Moderato  $\text{♩} = 80$

I.

Piccolo

Flute 1

Oboe 1

Clarinet in Eb

Clarinet in Bb 1

Bassoon 1

Bassoon 2

Horns in F 1

Horns in F 2

Trumpet in C 1

Trumpet in C 2

Tenor Trombone 1

Tenor Trombone 2

Tuba

Timpani

Tam-tam

Cymbals

Triangle

Bass Drum

Snare Drum

Tambourine

Temple Blocks

Violin I

Violin II

Viola

Violoncello

Contrabass

Moderato  $\text{♩} = 80$

*ff*

*f marcato*

*fz*

*pizz. non div.*

*div.*

*pizz.*

*ff marcato*

*ff marcato*

This musical score page features the following instruments and parts:

- Woodwinds:** Piccolo (Picc.), Flute 1 (Fl. 1), Oboe 1 (Ob. 1), Oboe 2 (Ob. 2), E-flat Clarinet (Eb Cl.), and Bass Clarinet 1 (Bb Cl. 1). The woodwinds play a melodic line with triplets and sixteenth-note patterns. Ob. 2 has a dynamic marking of *ff* and a note that is marked "to bass clarinet".
- Brass:** Horn 1 (Hn. 1), Horn 2 (Hn. 2), Trumpet 1 (C Tpt. 1), Trumpet 2 (C Tpt. 2), Trombone 1 (Tbn. 1), and Trombone 2 (Tbn. 2). The brass section provides harmonic support with a rhythmic pattern of eighth notes, marked with *fz*.
- Drums and Percussion:** Tom-tom (T.-t.), Cymbal (Cym.), Bass Drum (B.D.), and Tambourine (Tamb.).
- Strings:** Violin 1 (Vln. I), Violin 2 (Vln. II), Viola (Vla.), Violoncello (Vc.), and Contrabass (Cb.). The strings play a rhythmic accompaniment.

The score is written in 3/4 time and consists of three measures. The key signature has one flat. The woodwind parts include triplets and sixteenth-note runs. The brass parts feature a consistent eighth-note pattern. The string parts provide a steady accompaniment.

7

Picc.

Fl. 1

Ob. 1

Ob. 2

Bb Cl. 1

B. Cl.

Bsn. 1

Bsn. 2

Hn. 1

Hn. 2

C Tpt. 1

C Tpt. 2

Tbn. 1

Tbn. 2

Tba.

Timp.

Cym.

B.D.

Vc.

Cb.

*fz*

*f marcato*

*f*

Woodwinds:  
B♭ Cl. 1: *p*, *mf*  
B. Cl.: *p*, *mf*  
Bsn. 1: *p*, *mf*  
Bsn. 2: *p*, *mf*  
C Tpt. 1: *mf*  
C Tpt. 2: *mf*  
Tbn. 1: *mf*  
Tbn. 2: *mf*  
Tba.: *mf*

Vocal/Drum:  
T.-1: *mf*  
B.D.: *mf*

Strings:  
Vln. I, div.: *p*, *con sord.*  
Vln. II, div.: *p*, *con sord.*  
Vla. div.: *p*, *con sord.*  
Vc. div.: *p*, *arco con sord.*, *pizz.*, *mf*  
Cb.: *mp*, *arco div.*, *pizz.*, *mf*

Picc. *mf* 3

Fl. I *mf* 3

Ob. I *mf* 3

Ob. II *mf* 3 to english horn

Eng. Hn. *mp espress.*

Bb Cl. I *mf* 3 *p*

B. Cl. *mf* 3 *p*

Bsn. I *mf* 3 *p*

Bsn. II *mf* 3 *p*

Hn. I *mp espress.*

T. B. *f*

Vln. I *mp* 6 *mf* 3 *p* sul pont. *pp*

Vln. II *mp* 6 *pizz.* 3 *p* arco sul pont. *pp*

Vla. *pizz.* 3 *p* arco *p espress.* *pp*

Vc. arco sul pont. *p* 3 normale *p espress.* *pp*

Cb. arco *p* 3 *pp*

Picc. *f* *ff*

Fl. I *mf* *ff*

Ob. I *p* *ff*

Eng. Hn. *pp* *ff*

B♭ Cl. I *pp* *ff*

B. Cl. *ff*

Bsn. 1 *pp* *f* *ff*

Bsn. 2 *ff*

Hn. I *pp* *ff*

C Tpt. 1 *pp* *ff*

C Tpt. 2 *con sord.* *p*

Tbn. 1 *pp* *f*

Timp. *ff*

Tamb. *ff*

Vln. I *ppp* *pp* *f* *senza sord.* *f marcato*

Vln. II *ppp* *ppp* *f* *senza sord.* *f marcato*

Vla. *ppp* *ppp* *f* *senza sord.* *f marcato*

Vc. *ppp* *pizz.* *senza sord. arco* *f marcato*

Cb. *pizz.* *arco* *f marcato*

This musical score page, numbered 24, contains the following parts and details:

- Woodwinds:** Piccolo (Picc.), Flute 1 (Fl. 1), Oboe 1 (Ob. 1), and Bass Clarinet 1 (Bb Cl. 1) all play a melodic line with triplets and sixteenth-note patterns. Bass Clarinet 2 (B. Cl.) and Bassoon 1 (Bsn. 1) play a rhythmic accompaniment with sixteenth-note patterns. Bassoon 2 (Bsn. 2) plays a similar rhythmic accompaniment.
- Brass:** Trumpet 1 (Vln. I), Trumpet 2 (Vln. II), Trombone 1 (Vla.), Trombone 2 (Vc.), and Euphonium (Cb.) play a melodic line with triplets and sixteenth-note patterns. The string parts (Vln. I, Vln. II, Vla., Vc., Cb.) also play a melodic line with triplets and sixteenth-note patterns. The Euphonium part includes markings for *pizz.* and *arco*.
- Percussion:** Timpani (Timp.) and Tom-tom (Tamb.) play a rhythmic accompaniment with sixteenth-note patterns.
- Performance Markings:** The string parts include markings for *pizz.* (pizzicato), *arco* (arco), and *tr* (trill). The Euphonium part includes markings for *pizz.* and *arco*.



rit.

Meno mosso ♩ = 60

Picc. *mf* *mp* *p*

Fl. I *mf* *mp* *p* *p espress.*

Ob. I *mf* *mp* *p* *pp*

Eng. Hn. *p espress.*

B♭ Cl. I *mf* *mp* *p*

B. Cl. *mf* *mp* to E♭ clarinet

Bsn. 1 *mf* *mp*

Bsn. 2 *mf* *mp*

Hn. I *p espress.*

Cym. *p* with brush, let ring

Tri. *p*

Tamb.

rit.

Meno mosso ♩ = 60

Vln. I *fp* *fp* *pp*

Vln. II *fp* *fp* *pp*

Vla. *fp* *fp* *pp*

Vc. *fp* *fp* *pp*

Cb. *fp* *pp*

32

A tempo ♩ = 75

Fl. 1

Eng. Hn.

Bsn. 2

Hn. 1

Hn. 2

Tbn. 1

Tbn. 2

Tri.

Vla.

Vc.

*p*

*pp*

*p espress.*

*pp*

*pp*

*pp*

*pp*

*pp*

*pp*

A tempo ♩ = 75

36

B♭ Cl. 1

Bsn. 1

Bsn. 2

Hn. 1

Hn. 2

Tbn. 1

Tbn. 2

Vln. II

Vla.

Vc.

*solemnly p*

*solemnly p*

*mp espress.*

*p*

*pp*

*p*

*pp*

*p*

*pp*

*p*

*pp*

*pp*

*pp*

*pp*

*pp*

*pp*

43

B♭ Cl. 1  
 Bsn. 1  
 Bsn. 2  
 Hn. 1  
 Hn. 2  
 Tbn. 1  
 Tbn. 2  
 Vln. II  
 Vla.  
 Vc.

50

Fl. 1  
 Ob. 1  
 Eb Cl.  
 B♭ Cl. 1  
 Bsn. 1  
 Hn. 1  
 Hn. 2  
 Tbn. 1  
 Tbn. 2  
 Vln. I  
 Vln. II  
 Vla.  
 Vc.  
 Cb.

55 *Meno mosso* ♩ = 60

Musical score for measures 55-60. The score is for five instruments: Violin I, Violin II, Viola, Violoncello, and Contrabasso. The tempo is *Meno mosso* with a quarter note equal to 60 beats per minute. The key signature has one sharp (F#). The time signature is 4/4. Dynamics include *mp*, *f*, *fp*, and *f*. There are trills in the Violin I, Violin II, and Viola parts. The Viola part has an *arco* marking. The Violoncello and Contrabasso parts have *f* and *fp* markings.

==

61

Musical score for measures 61-66. The score is for ten instruments: Flute 1, Oboe 1, English Horn, Horn 1, Horn 2, Cymbal, Triangle, Violin I, Violin II, Viola, Violoncello, and Contrabasso. The tempo is *Meno mosso*. The key signature has one sharp (F#). The time signature is 4/4. Dynamics include *p*, *pp*, *f*, and *fp*. There are expressive markings (*p espress.*) for the Flute 1, Oboe 1, and Horn 1 parts. The Cymbal part has a marking "with brush, let ring". The Violin II part has a *pizz.* marking. The Viola part has an *arco* marking. The Violoncello and Contrabasso parts have *f* and *fp* markings.



77

Picc. *f leggiero*

Fl. 1 *mp leggiero*

Ob. 1 *f leggiero*

E♭ Cl. *f leggiero*

B♭ Cl. 1 *mp leggiero*

Tba.

Vla.

Vc.

Cb.

82

Picc.

Fl. 1 *f*

Ob. 1 *f*

E♭ Cl. *f*

B♭ Cl. 1 *f*

Hn. 1 *f*

Hn. 2 *f*

Vln. I *senza sord. pizz. f leggiero*

Vln. II *senza sord. pizz. f leggiero* *p*

Vla. *senza sord. pizz. simile f leggiero* *p*

Vc. *senza sord. pizz. f leggiero*

87

$\text{♩} = \text{♩}$

Picc. *p*

Fl. 1 *p* *mp*

Ob. 1 *p*

Ob. 2 *mp*

E♭ Cl. *p*

B♭ Cl. 1 *p* *mp*

Hn. 1 *p* *mp*

Hn. 2 *p* *mp*

C Tpt. 1

C Tpt. 2

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

Tba. *f* *p*

$\text{♩} = \text{♩}$

Vln. I

Vln. II

Vla.

Vc. *f* *p*  
arco div.

Cb. *f* *p*  
senza sord.

Picc. *mp* *f*

Fl. 1 *mp* *f*

Ob. 1 *mp* *f*

Ob. 2 *mp* *f*

E♭ Cl. *mp* *f*

B♭ Cl. 1 *mp* *f*

Bsn. 1 *mp* *f*

Bsn. 2 *mp* *f*

Hn. 1 *f*

Hn. 2 *f*

C Tpt. 1 *f*

C Tpt. 2 *f* senza sord.

Tbn. 1 *f*

Tbn. 2 *f*

Timp. *mp* *f*

B.D. *mp* *f*

Vln. I *pizz.* *mp* *f*

Vln. II *pizz.* *mp* *f*

Vla. *pizz.* *mp* *f*

Vc. *pizz. non div.* *mp* *f*

Cb. *pizz.* *mp* *f*



This page of a musical score, numbered 99, contains the following parts and markings:

- Picc.**: Piccolo flute, starting with a trill and playing a melodic line.
- Fl. 1**: First flute, playing a melodic line with dynamics *f* and *p*.
- Ob. 1**: First oboe, playing a melodic line with dynamics *f*.
- Ob. 2**: Second oboe, playing a melodic line with dynamics *f*.
- E♭ Cl.**: First E-flat clarinet, playing a melodic line with dynamics *f*.
- B♭ Cl. 1**: First B-flat clarinet, playing a melodic line with dynamics *f*.
- Bsn. 1**: First bassoon, playing a melodic line with dynamics *f* and *mf*.
- Bsn. 2**: Second bassoon, playing a melodic line with dynamics *f* and *mf*.
- Hn. 1**: First horn, playing a melodic line with dynamics *ff* and *p*.
- Hn. 2**: Second horn, playing a melodic line with dynamics *ff* and *p*.
- C Tpt. 1**: First cornet, playing a melodic line with dynamics *f*, *ff*, *fp*, and *ppp*.
- C Tpt. 2**: Second cornet, playing a melodic line with dynamics *f*, *ff*, *fp*, and *ppp*.
- Tbn. 1**: First trombone, playing a melodic line with dynamics *f*, *mp*, *f*, *ff*, *fp*, and *ppp*.
- Tbn. 2**: Second trombone, playing a melodic line with dynamics *f*, *mp*, *f*, *ff*, *fp*, and *ppp*.
- Tba.**: Tuba, playing a melodic line with dynamics *f* and *mp*.
- Timp.**: Timpani, playing a melodic line with dynamics *sfz* and *p*.
- Cym.**: Cymbal, playing a melodic line with dynamics *p* and *f*.
- B.D.**: Bass Drum, playing a melodic line with dynamics *f*.
- Tamb.**: Tom-tom, playing a melodic line with dynamics *f*.
- Vln. I**: Violin I, playing a melodic line with dynamics *f*, *ff*, *fp*, and *ppp*.
- Vln. II**: Violin II, playing a melodic line with dynamics *f*, *ff*, *fp*, and *ppp*.
- Vla.**: Viola, playing a melodic line with dynamics *f*, *ffz*, *fp*, and *ppp*.
- Vc.**: Violoncello, playing a melodic line with dynamics *f*, *ffz*, *f*, and *ppp*.
- Cb.**: Double Bass, playing a melodic line with dynamics *ffz* and *p*.

II.

**Vivace** ♩ = 75

Timpani *p*

Violin I *p leggiero*

Violin II *pizz.* *p*

Viola *pizz.* *p*

Violoncello *p leggiero*



6

Timp.

Vln. I

Vln. II

Vla.

Vc.

Cb. *pizz.* *mp*



11

Bsn. 1 *mp leggiero* *mf*

Bsn. 2 *mf*

Timp.

Vln. I *pizz.*

Vln. II

Vla. *arco* *mp*

Vc. *mp* *mf*

Cb. *arco* *mf*

14

Musical score for measures 14-17. The score includes parts for Bsn. 1, Bsn. 2, Timp., Vln. I, Vln. II, Vla., Vc., and Cb. The key signature is one flat (B-flat major/D minor) and the time signature is 4/4. Dynamics include *mf* and *poco f*. Performance markings include *arco* for Violins and *pizz.* for Viola and Cello. The music features a rhythmic pattern of eighth and sixteenth notes.

==

18

Musical score for measures 18-21. The score includes parts for Bsn. 1, Bsn. 2, Vln. I, Vln. II, Vla., Vc., and Cb. The key signature is one flat (B-flat major/D minor) and the time signature is 4/4. Dynamics include *mf*, *dim.*, and *pp*. Performance markings include *pizz.* and *arco*. The music features a rhythmic pattern of eighth and sixteenth notes.

22

Fln. I *cresc.*  
 Timp. *mp* *p*  
 Vln. I *mp* *p*  
 Vln. II *mp* *p*  
 Vla. *mp* *p*  
 Vc. *mp* *p*  
 Cb. *mp*

26

Picc.  
 Fl. I *f*  
 Ob. 1 *f*  
 Ob. 2 *f*  
 Eb Cl. *mf* *f*  
 Bb Cl. 1 *mf* *f*  
 Bsn. 1 *mf*  
 Bsn. 2 *mf*  
 Fln. 1  
 Fln. 2 *p cresc.*  
 Timp.  
 Vln. I *mf* *f*  
 Vln. II *mf* *f*  
 Vla. *mf* *f*  
 Vc. *mf* *f*  
 Cb. *mf* *f*

Picc. *mf* *tr<sup>♮</sup>* *tr<sup>♭</sup>* *mp*

Fl. 1 *mf* *tr<sup>♭</sup>* *tr<sup>♮</sup>* *mp*

Ob. 1 *mf* *tr<sup>♮</sup>* *tr<sup>♭</sup>* *mp*

Ob. 2 *mf* *tr<sup>♮</sup>* *tr<sup>♭</sup>* *mp*

E♭ Cl. *f* *tr<sup>♭</sup>* *tr<sup>♮</sup>* *mp*

B♭ Cl. 1 *mf* *tr<sup>♭</sup>* *tr<sup>♮</sup>* *mp*

Hrn. 1 *p* *con sord.* *tr<sup>♭</sup>* *tr<sup>♮</sup>* *mp*

Hrn. 2 *con sord.* *tr<sup>♮</sup>* *tr<sup>♭</sup>* *mp*

C Tpt. 1 *con sord.* *tr<sup>♮</sup>* *tr<sup>♭</sup>* *mp*

C Tpt. 2 *con sord.* *tr<sup>♮</sup>* *tr<sup>♭</sup>* *mp*

Vln. I *col legno*

Vln. II *col legno*

Vla. *col legno*

Vc. *col legno*

35

Picc. *f*

Fl. 1 *f*

Ob. 1 *f*

Ob. 2 *f*

E♭ Cl. *f*

B♭ Cl. 1 *f*

Bsn. 1 *f*

Bsn. 2 *f*

41

Picc. *f cresc.*

Fl. 1 *f cresc.*

Ob. 1 *f cresc.*

Ob. 2 *f cresc.*

E♭ Cl. *f cresc.*

B♭ Cl. 1 *f cresc.*

Bsn. 1 *f*

Bsn. 2 *f*

B. D.

Vln. I *mf cresc.*

Vln. II *mf cresc.*

Vla. *mf cresc.*

Vc. *mf cresc.*

Cb. *f*

*sf* *sf* *gliss.*

44

Picc. *f*

Fl. 1 *f*

Ob. 1 *f*

Ob. 2 *f*

E♭ Cl. *f*

B♭ Cl. 1 *f*

Bsn. 1 *mf*

Bsn. 2 *mf*

Vln. I *pizz.* *arco* *mf*

Vln. II *pizz.* *arco* *mf*

Vla. *pizz.* *arco* *f*

Vc. *pizz.* *arco* *f*

Cb. *f*

47

FL. I *mp*

Ob. 1 *mp*

Ob. 2 *mp*

E♭ Cl. *mp*

B♭ Cl. I *mp*

Bsn. I *mp*

Vln. I *mp* *dim.* solo *p* *express.*

Vln. II *mp* *dim.* solo *p* *express.*

Vc. solo *p* *express.*

55

S. D. *pp*

Vln. I

Vln. II

Vla. solo *p* *express.* arco solo pizz. tutti

Vc. pizz. tutti

Cb. pizz.

62

Picc. *mf*

Fl. I *mf*

Vln. I *marcato* pizz. *f*

Vln. II pizz. *f*

Vla. pizz. *f*

Vc. arco tutti div. *p marcato* pizz. solo *f*

66

Picc. *mp*

Fl. 1 *mp*

Ob. 1

Ob. 2

B♭ Cl. 1 *p espress.*

Bsn. 1 *mp*

C Tpt. 1 *con sord. mp*

Vln. I

Vln. II

Vla.

Vc.



69

Ob. 1

Ob. 2

B♭ Cl. 1

Bsn. 1

C Tpt. 1

Vln. I *arco tutti subito ff*

Vln. II *arco tutti subito ff*

Vla. *arco tutti subito ff*

Vc. *arco tutti subito ff*



Cb. arco *ff*  
 Vc. *sul G*  
 Vla. *sul G*  
 Vla. II *sul G*  
 Vln. I *sul G*  
 Cym. *ff*  
 Tmp. *f*  
 Tbn. 2  
 Tbn. 1  
 Tm. 2 *f* senza sord.  
 Tm. 1 *f* senza sord.  
 Bsn. 2  
 Bsn. 1 *ff*  
 Eb Cl. 1 *fu*  
 Eb Cl. 2 *fu*  
 Ob. 2 *fu*  
 Ob. 1 *fu*  
 Fl. 1 *fu*  
 Picc. *fu*

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

- String Section:** Cb. (arco), Vc., Vla., Vla. II, and Vln. I, all marked *sul G* and *ff*.
- Percussion:** Cym. (*ff*) and Tmp. (*f*).
- Brass Section:** Tbn. 2, Tbn. 1, Tm. 2 (*f* senza sord.), Tm. 1 (*f* senza sord.), Bsn. 2, Bsn. 1 (*ff*), Eb Cl. 1 (*fu*), Eb Cl. 2 (*fu*), Ob. 2 (*fu*), Ob. 1 (*fu*), Fl. 1 (*fu*), and Picc. (*fu*).

This page contains the musical score for measures 76 through 79 of an orchestral work. The score is arranged in a standard orchestral layout with the following parts from top to bottom:

- Picc. (Piccolo)
- Fl. 1 (Flute 1)
- Ob. 1 (Oboe 1)
- Ob. 2 (Oboe 2)
- E♭ Cl. (E-flat Clarinet)
- B♭ Cl. 1 (B-flat Clarinet 1)
- Bsn. 1 (Bassoon 1)
- Bsn. 2 (Bassoon 2)
- Hrn. 1 (Horn 1)
- Hrn. 2 (Horn 2)
- C Tpt. 1 (Trumpet 1, marked *senza sord.* and *mp*)
- C Tpt. 2 (Trumpet 2, marked *senza sord.* and *mp*)
- Tbn. 1 (Trombone 1)
- Tbn. 2 (Trombone 2)
- Tba. (Tuba)
- Timp. (Timpani)
- B. D. (Bass Drum)
- S. D. (Snare Drum)
- Cym. (Cymbal)
- Tamb. (Tambourine)
- Vln. I (Violin I, marked *più f*)
- Vln. II (Violin II, marked *più f*)
- Vla. (Viola, marked *più f*)
- Vc. (Violoncello, marked *più f*)
- Cb. (Contrabasso, marked *più f*)

The score features a variety of dynamics, including *f* (forte), *ff* (fortissimo), *mp* (mezzo-piano), and *più f* (more forte). It also includes performance instructions such as *div.* (divisi), *pizz. div.* (pizzicato divisi), and *senza sord.* (without mutes). The music is written in a key signature of one sharp (F#) and a 2/4 time signature. The page number 76 is located at the top left, and the page number 25 is at the bottom center.

This page of a musical score, numbered 79, contains the following parts and markings:

- Woodwinds:** Piccolo (Pic.), Flute 1 (Fl. 1), Oboe 1 (Ob. 1), Oboe 2 (Ob. 2), Eb Clarinet (Eb Cl.), Bb Clarinet (Bb Cl.), Bassoon 1 (Bsn. 1), Bassoon 2 (Bsn. 2), Horn 1 (Hn. 1), Horn 2 (Hn. 2).
- Brass:** Trumpet 1 (C Tpt. 1), Trumpet 2 (C Tpt. 2), Trombone 1 (Tbn. 1), Trombone 2 (Tbn. 2), Tuba (Tba.).
- Percussion:** Timpani (Timp.), Bass Drum (B. D.), and Tambourine (Tamb.).
- Strings:** Violin I (Vln. I), Violin II (Vln. II), Viola (Vla.), Violoncello (Vc.), and Contrabass (Cb.).

Key performance markings include *f* (forte), *fz* (forzando), *sf* (sforzando), *con sord.* (con sordina), *pizz. div.* (pizzicato diviso), and *arco* (arco).

Picc. *f*

Fl. 1 *f*

E♭ Cl. *f*

B♭ Cl. 1 *f*

Bsn. 1

Bsn. 2

Hrn. 1

Hrn. 2

C Tpt. 1 *senza sord.* *f cresc.*

C Tpt. 2 *senza sord.* *f cresc.*

Tbn. 1 *sf*

Tbn. 2 *sf*

Tba. *sf*

Timp.

B. D.

S. D. *mf fz* *fz* *fz*

Vln. I *arco div.* *fz* *non div.*

Vln. II *arco* *fz* *non div.*

Vla. *arco div.* *fz* *non div.*

Vc. *arco sul pont. (div.)* *fz* *non div.*

Cb. *arco* *fz* *non div.*

to flute 2

Picc. *f*

Fl. 1 *f*

Ob. 1 *f* *gliss.*

Ob. 2 *f*

E♭ Cl. *f*

B♭ Cl. 1 *f* *gliss.*

Bsn. 1 *f*

Bsn. 2 *f* *gliss.*

Hrn. 1 *f* *tr.* *sff sempre*

Hrn. 2 *f* *tr.* *sff sempre*

C Tpt. 1 *f* *sff sempre*

C Tpt. 2 *f* *gliss.* *sff sempre*

Tbn. 1 *f* *sff sempre*

Tbn. 2 *f* *gliss.* *sff sempre*

Tba. *f* *sff sempre*

Timp. *ff sempre*

Tamb. *p* *ff*

Vln. I *div.* *ff marcatissimo*

Vln. II *ff marcatissimo*

Vla. *ff marcatissimo*

Vc. *div.* *ff marcatissimo*

Cb. *pizz. div.* *ff sempre*

This page of a musical score, numbered 91, contains the following parts and markings:

- Fl. 1 & 2:** Flute parts with *8va* markings and *sf sf sempre* dynamics.
- Ob. 1 & 2:** Oboe parts with *sf sf sempre* dynamics.
- E♭ Cl. & B♭ Cl. 1:** Clarinet parts with *sf sf sempre* dynamics.
- Bsn. 1 & 2:** Bassoon parts with *f* and *sf sf sempre* dynamics.
- C Tpt. 1 & 2:** Trumpet parts with *ff marcato* dynamics and triplet markings.
- Tbn. 1 & 2:** Trombone parts with *ff marcato* dynamics and triplet markings.
- Timp.:** Timpani part with *f* dynamics.
- S. D.:** Snare Drum part with *f* dynamics.
- Tamb.:** Tambourine part with *f* and *ff* dynamics.
- T. Bl.:** Tenor Bass Drum part with *f* dynamics.
- Vln. I & II:** Violin parts with *pizz.* and *arco div.* markings, and *ff marcatissimo* dynamics.
- Vla.:** Viola part with *pizz. div.* and *arco* markings, and *ff marcatissimo* dynamics.
- Vc.:** Violoncello part with *pizz.* and *arco div.* markings, and *ff marcatissimo* dynamics.
- Cb.:** Contrabass part with *f* dynamics.

Musical score for page 95, featuring woodwinds, brass, percussion, and strings. The score is divided into four measures. The woodwind section includes Flutes 1 and 2, Oboes 1 and 2, Eb Clarinet, Bb Clarinet 1, Bassoon 1, and Bassoon 2. The brass section includes Cornets 1 and 2, Trombones 1 and 2, and Tuba. The percussion section includes Timpani and Tambourine. The string section includes Violin I, Violin II, Viola, Violoncello, and Contrabass. The score includes various musical notations such as slurs, accents, and dynamic markings like *mp*. A rehearsal mark (8) is present at the beginning of the first measure.

99

Fl. 1

Fl. 2

Ob. 1

Ob. 2

B♭ Cl. 1

Bsn. 1

Bsn. 2

Vln. I

Vln. II

Vla.

Vc.

Cb.

*p*

*mp*

*pizz.*

*tr*

106

Fl. 1

Fl. 2

Ob. 1

Ob. 2

B♭ Cl. 1

Bsn. 2

Vln. I

Vln. II

Vla.

Vc.

Cb.

to piccolo

*p*

*mf*

*mp*

*p*

*con sord.*

*arco con sord.*

*mf*

*p*

*mf*

*mf*



This page of a musical score, numbered 112, contains the following parts and markings:

- Fl. 1:** Rests until the final measure, where it plays a short phrase marked *f*.
- Ob. 2:** Rests until the final measure, where it plays a short phrase marked *mf* *cresc.*
- E♭ Cl.:** Rests until the final measure, where it plays a short phrase marked *mf* *cresc.*
- B♭ Cl. 1:** Rests until the final measure, where it plays a short phrase marked *mf* *cresc.*
- Bsn. 1:** Rests until the final measure, where it plays a short phrase marked *mf* *cresc.*
- Bsn. 2:** Rests until the final measure, where it plays a short phrase marked *mf* *cresc.*
- Hrn. 2:** Rests until the final measure, where it plays a short phrase marked *mf* *molto cresc.*
- C Tpt. 1:** Rests until the final measure, where it plays a short phrase marked *mf* *molto cresc.*
- C Tpt. 2:** Rests until the final measure, where it plays a short phrase marked *mp* *molto cresc.*
- Tbn. 1:** Rests until the final measure, where it plays a short phrase marked *mp* *molto cresc.*
- Tbn. 2:** Rests until the final measure, where it plays a short phrase marked *mp* *molto cresc.*
- Timp.:** Rests throughout the entire page.
- B. D. (Bass Drum):** Rests until the final measure, where it plays a short phrase marked *pp* *molto cresc.*
- S. D. (Snare Drum):** Rests until the final measure, where it plays a short phrase marked *pp* *molto cresc.*
- Cym. (Cymbal):** Rests until the final measure, where it plays a short phrase marked *pp* *molto cresc.*
- Vln. I:** Starts with a triplet marked *p*, then *più p*, then *mp* *senza sord.*, and ends with a triplet marked *molto cresc.*
- Vln. II:** Starts with a triplet marked *più p*, then *mp* *senza sord.*, and ends with a triplet marked *molto cresc.*
- Vla. (Viola):** Starts with a triplet marked *p*, then *più p*, then *mp* *senza sord.*, and ends with a triplet marked *molto cresc.*
- Vc. (Violoncello):** Starts with a triplet marked *>p*, then *mp* *senza sord.*, and ends with a triplet marked *molto cresc.*
- Cb. (Contrabasso):** Starts with a triplet marked *>p*, then *mp* *senza sord.*, and ends with a triplet marked *molto cresc.*

rit.

A tempo

Picc. *f* *fff* G.P. G.P.  
 Fl. 1 *f* *fff* G.P. G.P.  
 Ob. 1 *f* *fff* G.P. G.P.  
 Ob. 2 *f* *fff* G.P. G.P.  
 Eb Cl. *f* *fff* G.P. G.P.  
 Bb Cl. 1 *f* *fff* G.P. G.P.  
 Bsn. 1 *f* *fff* G.P. G.P.  
 Bsn. 2 *f* *fff* G.P. G.P.  
 Hn. 1 *f* G.P. G.P.  
 Hn. 2 *f* G.P. G.P.  
 C Tpt. 1 *f* *fff* G.P. G.P.  
 C Tpt. 2 *f* *fff* G.P. G.P.  
 Tbn. 1 *f* *fff* G.P. G.P.  
 Tbn. 2 *f* *fff* G.P. G.P.  
 Tba. *f* *fff* G.P. G.P.  
 Timp. *mp* *f* *fff* G.P. G.P.  
 B. D. *f* *fff* G.P. G.P.  
 S. D. *f* *fff* G.P. G.P.  
 Cym. *f* *fff* G.P. G.P.

rit.

A tempo

Vln. I *f* *fff* G.P. G.P.  
 Vln. II *f* *fff* non div. G.P. G.P.  
 Vla. *f* *fff* G.P. G.P.  
 Vc. *f* *fff* G.P. G.P.

123

Presto ♩ = 95

The musical score is arranged in a standard orchestral format with the following parts from top to bottom:

- Picc.
- Fl. 1
- Ob. 1
- Ob. 2
- E♭ Cl.
- B♭ Cl. 1
- Bsn. 1
- Bsn. 2
- Hn. 1
- Hn. 2
- C Tpt. 1
- C Tpt. 2
- Tbn. 1
- Tbn. 2
- Tba.
- Timp.
- T.-t.
- Cym.
- Vln. I
- Vln. II
- Vla.
- Vc.
- Cb.

Measure 123: Piccolo and Flute 1 play a melodic line with a trill. Oboe 1 and 2 play a rhythmic pattern. Clarinet, Bassoon, and Trumpet 2 have melodic lines. Horns 1 and 2 play chords. Trombone 1 and 2 play chords. Tuba and Timpani play chords. Cymbals play a rhythmic pattern. Violin I and II play melodic lines. Viola and Violoncello play melodic lines. Contrabass plays a bass line.

Measure 124: Similar to measure 123, with dynamics *f* and *fff* indicated.

Measure 125: The music continues with similar patterns and dynamics. The tempo marking *Presto ♩ = 95* is repeated.

Picc. *ff*

Fl. 1 *ff*

Ob. 1 *ff*

Ob. 2 *ff*

E♭ Cl. *ff*

B♭ Cl. 1 *ff*

Bsn. 1 *ff*

Bsn. 2 *ff*

Hrn. 1 *ff*

Hrn. 2 *ff*

C Tpt. 1 *ff*

C Tpt. 2 *ff*

Tbn. 1 *ff*

Tbn. 2 *ff*

Tba. *ff*

Timp. *ff*

B. D. *ff*

S. D. *ff*

Vln. I *ff* div.

Vln. II *ff* div.

Vla. *ff* div.

Vc. *ff* div.

Cb. *ff* pizz. div.



Picc.

Fl. 1

Ob. 1

Ob. 2

E♭ Cl.

B♭ Cl. 1

Bsn. 1

Bsn. 2

Hn. 1

Hn. 2

C Tpt. 1

C Tpt. 2

Tbn. 1

Tbn. 2

Tba.

Timp.

B. D.

S. D.

Cym.

Vln. I

Vln. II

Vla.

Vc.

Cb.

*pp*

This page contains the musical score for page 140, featuring 23 staves for various instruments. The instruments listed on the left are Piccolo (Picc.), Flute 1 (Fl. 1), Oboe 1 (Ob. 1), Oboe 2 (Ob. 2), E-flat Clarinet (Eb Cl.), B-flat Clarinet 1 (Bb Cl. 1), Bassoon 1 (Bsn. 1), Bassoon 2 (Bsn. 2), Horn 1 (Hn. 1), Horn 2 (Hn. 2), Trumpet 1 (C Tpt. 1), Trumpet 2 (C Tpt. 2), Trombone 1 (Tbn. 1), Trombone 2 (Tbn. 2), Tuba (Tba.), Timpani (Timp.), Bass Drum (B. D.), Snare Drum (S. D.), Cymbal (Cym.), Violin I (Vln. I), Violin II (Vln. II), Viola (Vla.), Violoncello (Vc.), and Contrabass (Cb.). The score is written in 4/4 time and includes dynamic markings such as *fff* and performance instructions like *arco* and *pizz. div.*.

This page of a musical score, numbered 145, contains the following parts and markings:

- Woodwinds:** Piccolo (Picc.), Flute 1 (Fl. 1), Oboe 1 (Ob. 1), Oboe 2 (Ob. 2), E-flat Clarinet (Eb Cl.), B-flat Clarinet 1 (Bb Cl. 1), Bassoon 1 (Bsn. 1), Bassoon 2 (Bsn. 2), Horn 1 (Hn. 1), Horn 2 (Hn. 2), Cor Anglais 1 (C Tpt. 1), Cor Anglais 2 (C Tpt. 2), Trumpet 1 (Tbn. 1), Trumpet 2 (Tbn. 2), and Trombone (Tba.).
- Percussion:** Timpani (Timp.), Bass Drum (B. D.), Snare Drum (S. D.), and Cymbal (Cym.).
- Strings:** Violin I (Vln. I), Violin II (Vln. II), Viola (Vla.), Violoncello (Vc.), and Contrabass (Cb.).
- Performance Markings:** The score includes dynamic markings such as *pp* (pianissimo) and *fff* (fortissimo). It also features articulation and playing style instructions like *arco* (arco), *pizz. div.* (pizzicato diviso), and *pizz.* (pizzicato).



Picc. *fff*

Fl. 1 *fff*

Ob. 1 *f* *fff*

Ob. 2 *f* *fff*

E♭ Cl. *p* *fff*

B♭ Cl. 1 *p* *fff*

Bsn. 1 *p* *fff*

Bsn. 2 *p* *fff*

Hrn. 1 *p* *fff*

Hrn. 2 *p* *fff*

C Tpt. 1 *p* *fff*

C Tpt. 2 *p* *fff*

Tbn. 1 *p* *fff*

Tbn. 2 *p* *fff*

Tba. *p* *fff*

Timp. *fff*

B. D. *fff*

S. D. *fff*

Cym. *pp* *fff*

Vln. I *arco* *f* *fff*

Vln. II *arco non div.* *fff*

Vla. *arco non div.* *fff*

Vc. *mf* *fff*

Cb. *arco div.* *mf* *fff*