



City Research Online

City, University of London Institutional Repository

Citation: Gato, Gonçalo (2016). Algorithm and Decision in Musical Composition.
(Unpublished Doctoral thesis, Guildhall School of Music and Drama)

This is the accepted version of the paper.

This version of the publication may differ from the final published version.

Permanent repository link: <https://openaccess.city.ac.uk/id/eprint/17292/>

Link to published version:

Copyright: City Research Online aims to make research outputs of City, University of London available to a wider audience. Copyright and Moral Rights remain with the author(s) and/or copyright holders. URLs from City Research Online may be freely distributed and linked to.

Reuse: Copies of full items can be used for personal research or study, educational, or not-for-profit purposes without prior permission or charge. Provided that the authors, title and full bibliographic details are credited, a hyperlink and/or URL is given for the original metadata page and the content is not changed in any way.

Gonçalo Gato

Agnostos

for symphony orchestra

Instruments:

3 Flutes (2nd doubling Piccolo, 3rd doubling Alto Flute)
3 Oboes (3rd doubling English Horn)
3 Clarinets in B \flat (2nd doubling E \flat Clarinet, 3rd doubling Bass Clarinet in B \flat)
3 Bassons (3rd doubling on Contrabassoon)

4 Horns in F
3 Trumpets in B \flat
3 Trombones
Tuba

Timpani

Percussion (4)

Celesta
Piano

2 Harps

Strings

Percussion 1: Vibraphone, Tam-tam, Glockenspiel, Cowbell, Wood Blocks

Percussion 2: Wind Chimes, Bass Drum, Tubular Bells, Marimba, Temple Blocks

Percussion 3: Suspended Cymbal, Tom-toms, Snare Drum, Tam-tam

Percussion 4: Thunder Sheet, Triangle, Cymbals (clashed), Rain Stick, Maracas

Score notated in C

Agnostos (ἀγνωστος) is the greek word for unknown.

"I am wiser than this man; it is likely that neither of us knows anything worthwhile, but he thinks he knows something when he does not, whereas when I do not know, neither do I think I know; so I am likely to be wiser than he to this small extent, that I do not think I know what I do not know" (Plato)

Misterioso, ghiacciato, ♩ = 66

Flute 1
Flute 2
Flute 3
Oboe 1
Oboe 2
Oboe 3
Clarinet 1 in Bb
Clarinet 2 in Bb
Clarinet 3 in Bb
Bassoon 1
Bassoon 2
Bassoon 3
Horns 1,2 in F
Horns 3,4 in F
Trumpets 1-3 in Bb
Trombones 1-3
Tuba
Timpani
Percussion 1 (Vibraphone)
Percussion 2 (Wind Chimes, l.v.)
Percussion 3 (Susp. Cymbal)
Percussion 4 (Thunder Sheet, l.v.)
Celesta
Piano
Harp 1
Harp 2
Violin I (3 soli)
Violin II (3 soli)
Viola (3 soli)
Violoncello
Contrabasso (muffle strings)

Poco più mosso

10

Fl. 1 *mf*

Fl. 2 *mp* *pp possibile* *mf* *p*

Fl. 3 *mp* *p* *pp possibile* *p*

Ob. 1 *pp* *pp*

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

Ob. 3 *pp* *pp* *p*

Cl. 1 *p*

Cl. 2 *p*

Cl. 3 *pp* *pp*

Bsn. 1 *pp possibile* *mf*

Bsn. 2 *pp possibile* *mf*

Tbns. *con sord.* *ppp* *con sord.* *gliss.*

Tba. *pp* *pp*

Vib. *pp*

Th. Sh. Thunder Sheet *pp*

Cel. *mp* *Qo*

Pno.

Hp. 1 *bisb.* *mf*

Hp. 2 *bisb.* *mf* *bisb.* *mf*

Vln. I *mp* *p* *p* *p* *div. in 4* *mf* *mp* *gliss.*

Vln. II *a3* *p* *tutti div. in 2* *mp* *mf* *mf* *mf* *div. in 3* *mf* *p* *senza sord.* *mp*

Vla. *con sord.* *tutti div. in 3* *p* *con sord.* *gliss.* *div. in 2* *senza sord.* *mp* *senza sord.* *mp*

Vc. *p* *gliss.*

Cb. *p* *gliss.*

18

Fl. 1
Fl. 2
Fl. 3
Ob. 1
Ob. 2
Ob. 3
Cl. 1
Cl. 2
Bsn. 1
Bsn. 2
Bsn. 3
Hn. 1,2
Tpts.
Tbns.
Tba.
Vib.
W.Ch.
Susp. Cym.
Th. Sh.
Cel.
Hp. 2

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

26

Fl. 1 *f* *f* *f* *f*

Fl. 2 *f*

Fl. 3 *f*

Ob. 1 *mp* *f*

Ob. 2 *mf* *f*

Ob. 3 *f*

Cl. 1 *mf* *f*

Cl. 2 Clarinet in Eb *mf* *f*

Cl. 3 *mf* *f*

Hn. 1,2

Tpts. *senza sord.* *mf*

Tbns. *senza sord.* *mf* 2. 3. a 2

Tba.

Vln. I *f* *ff* *legato*

Vln. II *mp* *ff* *legato*

Vla. *mp* *mf* *f* *ff*

Vc.

Cb. *gliss.* *f*

B
Deciso

33

Fl. 1 *ff*

Fl. 2 *ff*

Fl. 3 *ff*

Ob. 1 *ff*

Ob. 2 *ff*

Ob. 3 *ff*

Cl. 1 *ff*

To Cl.

E♭ Cl. *ff*

Cl. 3 *ff*

Bsn. 1 *ff* *gliss.* *f cantabile*

Bsn. 2 *ff* *f cantabile*

Bsn. 3 *ff* *gliss.* *f cantabile*

Hn. 1, 2 *mf cantabile* *f*

Tbns. *mf* *f* *p* *pp*

Tba. *f* *pp* *mp cantabile*

Timp. *f* *port.*

T.-t. Tam-tam *mf* *p*

Pno. *f* *ff*

Hp. 1 *D: C# B# / Eb Fb Gb Ab*

B
Deciso

Vln. I *ff* *pizz.* *mp* *pp* *mp* *ppp*

Vln. II *ff* *f* *ff* *mp* *pp* *mp* *pp*

Vla. *f* *ff* *tutti, arco* *pp* *p* *pizz.* *mf* *arco*

Vc. *ff energico* *f* *ff* *p* *f*

Cb. *ff* *f* *div. in 2* *mf* *ff* *f*

43

Fl. 1 *f* *pp*

Fl. 2 *f* *pp*

Fl. 3 *f* *p* *pp* *ff*

Ob. 1 *f* *p*

Cl. 1 *f* *pp*

E♭ Cl. Clarinet in B♭ *pp* *p* *ff* *pp* *ff*

Cl. 3 *pp* *p* *ff* *pp* *ff*

Bsn. 1 *f cantabile sempre*

Bsn. 2 *f cantabile sempre*

Bsn. 3 *f cantabile sempre*

Hn. 1, 2 *mf* *a2* *mf* *p*

Hn. 3, 4 *mf cantabile* *f* *mf* *a2* *mf*

Tbns. *senza sord.* *3.* *mp cantabile*

Tba. *mp cantabile*

Pno. *f* *f*

Hp. 1 *p* *f* *A♯* *f* *p*

Hp. 2 *p* *b e* *b e* *l.v.*

Vln. I *pizz.* *ff* *p* *f* *p* *f* *pizz.* *p* *f*

ord. *p* *pp* *mf* *p* *f* *pp*

Vln. II *mf* *ff* *(pizz.)* *f* *p* *f* *pizz.* *mp* *f*

ord. *p* *pp* *sul pont.* *ord.* *p* *mf* *div. in 3* *arco* *div. in 2*

Vla. *(pizz.)* *mf* *p* *pp* *(pizz.)* *p* *f* *arco* *p* *f*

Vc. *sul pont.* *mf* *fff* *ord.* *f* *arco* *p* *f*

Cb. *ord.* *p* *f* *ord.* *mp* *f* *sul pont.* *f*

mp *f* *f* *f*

50

Fl. 1 *f*

Fl. 2 *f*

Ob. 1 *mp*

Ob. 2 *mp*

Cl. 1 *mp*

Cl. 2 *mp*
Bass Clarinet in Bb

Cl. 3 *mp*
To Cl.

Bsn. 1

Bsn. 2

Bsn. 3

Hn. 1, 2 *mf* *p* *a2*

Hn. 3, 4 *p* *mf* *p* *a2*

Tbns. 3.

Tba. *p*

Pno. *ff* *mf* *ff* *mp*

Vln. I arco molto sul pont. *f* *gliss.*

Vln. II arco molto sul pont. *f*

Vla. *ff* *f* *p* *ff*

Vc. *p* *ff* *f* *p* *ff* *fff* *f* *ff* *p* *fff* *f*

Cb. ord. *mp* *f* *mp* *f* ord. sul pont.

57

Fl. 1

Fl. 2

Fl. 3

Ob. 1

Ob. 2

Ob. 3

Cl. 1

Cl. 2

B. Cl.

Bsn. 1

Bsn. 2

Bsn. 3

Hn. 1, 2

Hn. 3, 4

Tpts.

Tbns.

Tba.

Timp.

T.-t.

B. D.

Susp. Cym.

Cel.

Hp. 1

Hp. 2

Vln. I

Vln. II

Vla.

Vc.

Cb.

To Eng. Hn.

vary trill speed

ff

f

mp

pp

mf

straight mute

pp

gliss.

Glockenspiel

Bass Drum

Tom-toms

f

pp

D# C# Bb / Eb F# G# Ab

G#

C#

D#

C#

8va

8va

tallone

ord.

p

ord.

p

tutti, ord.

pp

ord.

pp

ord.

fff

mf

f

ff

mf

64

Fl. 1 *f*

Fl. 3 *f*

Ob. 1 *f*

Ob. 3 *mf*

Cl. 1 *mf*

Cl. 2 *mf*

Cl. 3 *mf*

Bsn. 1

Bsn. 2

Bsn. 3

Hn. 1,2 *mf* *p* 2. *a2* *p*

Hn. 3,4 *p* *a2* 3. *mf* 4. *p*

Tbns. *pp* *mp* 3. *mp* *mf*

Tba. *mp* *pp* *mp* *mf*

B. D. Bass Drum *mp*

Cel. *f*

Pno. *f*

Harp 1 (G₂)

Harp 2 (*A*₂, *gliss.*, *l.v.*)

Vln. I *f* *mp* *gliss.* *p*

Vln. II *f* *mp* *gliss.* *p*

Vla. *f* *p* *pp*

Vc. *ff* *mf* *f* *ff* *f* *p* *p*

Cb. *f* *p*

71

Fl. 1 *pppp* *gliss.*

Fl. 2 *pppp* *gliss.*

Fl. 3 *ppp* *f* *tr*

Ob. 1 *f*

Ob. 2 *f*

Ob. 3 *ppp* *mf* *tr*

Cl. 1 *f* *pppp* *gliss.*

Cl. 2 *f* *f*

Cl. 3 *f* *tr* *gliss.* *mf*

Bsn. 1

Bsn. 2

Bsn. 3

Hn. 1,2 *mf* *p* *a2* *mf*

Hn. 3,4 *mf* *3.* *mf* *4.* *f*

Tbns. *p* *mp*

Tba. *mp* *mf*

Timp. *ppp*

Glock. Glockenspiel *mp*

Cel. *3.*

Hp. 1 *f* *D C B / E♭ F♯ G A♯*

Hp. 2 *f* *D♭ C B / E F G A*

Vln. I *f* *mp* *p* *port.*

Vln. II *f* *mp* *p* *div. in 2*

Vla. *f* *mp* *div. in 2* *port.* *p*

Vc. *p* *f* *mf* *sul pont.* *ord.*

Cb. *f* *mf* *sul pont.* *mp*

p *f* *mf* *mp*

79

Fl. 1 *f* *mp* *f* *gliss.* *flutzg.*

Fl. 2 *f* *mp* *f* *gliss.* *flutzg.* To Picc.

Fl. 3 *f* *mp* *f* *gliss.* *flutzg.*

Ob. 1 *p* *f* *gliss.* *p* *ff*

Ob. 2 *p* *f* *gliss.* *p* *ff*

Ob. 3 *p* *f* *gliss.* *p* *ff*

Cl. 1 *f* *mp* *ff* *gliss.*

Cl. 2 *f* *mp* *ff*

Cl. 3 *f* *mp* *ff* *gliss.*

Bsn. 1 *f* *mp* *ff*

Bsn. 2 *f* *mp* *ff*

Bsn. 3 *f* *mp* *ff* To Cbsn.

Hn. 1, 2 *mf* 2. *mf* 3. *mf* 4.

Hn. 3, 4 *mf* *mf* *mf* *mf*

Tpts. *mf* *mp* *ff* *mp* *ff* Harmon mute

Tbns. *mf* *mp* *ff* *mf* *p* *ff*

Tba. *mp* *mf* *pp* *mf* *p* *ff* 3. *mf* *p* *ff*

Timp. *p* *mf* *ff*

B. D. *ppp* *f* *ff* Bass Drum *l.v.*

Tom-t. *mp* *f* *ff* Snare Drum

Pno. *f* *ff*

Hp. 1 *ff*

Hp. 2 *ff*

Vln. I *ff* *ff* arco *ff* *ff* sul pont.

Vln. II *ff* *ff* *ff* *ff*

Vla. *ff* *ff* *ff* *ff*

Vc. *p* *ff* *f* *mf* *ff* *ff*

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

86 Più mosso

Fl. 1 *mf* *ff* *f* *ff* *fff*

Fl. 2 *f* *f* *mf* *ff*

Fl. 3 *gliss.* *mf* *ff* *f* *ff* *mf* *fff*

Ob. 1 *f* *ff* *mf* *fff* *flutzg.*

Ob. 2 *f* *mf* *f* *ff* *f*

Ob. 3 *f* *mf* *ff* *f*

Cl. 1 *mp* *f* *f* *f* *f* *ff* *f*

Cl. 2 *f* *mf* *f* *ff* *f*

Cl. 3 *gliss.* *mp* *mf* *ff*

Hn. 1,2 *f-pp*

Hn. 3,4 *f-pp*

Tpts. *Harmon mute* *mf* *senza sord.* *f* *senza sord.* *fp* *senza sord.*

Tbns. *senza sord.* *p* *senza sord.* *2. senza sord.* *pp* *mf*

Timp. *pp*

Glock. *Glockenspiel* *p* *mf* *f*

B. D. *Tubular Bells* *mf* *f*

S. D. *Soft beaters* *Susp. Cymbal* *ff* *p*

Th. Sh. *Thunder Sheet* *l.v.* *mp* *Triangle* *f*

Pno.

Vln. I *Più mosso* *arco* *mp* *mf* *mp* *f* *ff* *p* *f* *ff* *f*

Vln. II *mp* *mf* *mp* *f* *ff* *p* *f* *ff* *f*

Vla. *arco* *mp* *mf* *mp* *f* *ff* *p* *f* *ff* *f*

Vc. *ff* *mf* *div. in 2* *f* *ff*

Cb. *tutti, pizz.* *mf* *ff* *pizz.* *ff*

96

Fl. 1

Picc.

Fl. 3

Ob. 1

Ob. 2

Ob. 3

Cl. 1

Cl. 2

Cl. 3

Bsn. 1

Bsn. 2

Bsn. 3
Contrabassoon
To Bsn.

Hn. 1,2

Hn. 3,4

Tpts.

Tbns.

Tba.

Timp.

Glock.

Tub. B.

Susp. Cym.

Tri.

Pno.

Hp. 1

Hp. 2

Vln. I

Vln. II

Vla.

Vc.

Cb.

f, *p*, *mp*, *ff*, *pp*, *mf*, *ff*, *flttzg.*, *tr.*, *arco*, *senza sord.*, *gliss.*, *Bass Drum*, *Glockenspiel*, *col legno batt.*, *ord.*, *tutti, pizz.*, *arco, sul G*, *pizz.*, *arco*

E

Più mosso, poco energico

Meno mosso

Fl. 1 *f* *ff* *mf* *f* *pp possibile*

Picc. *p possibile* *p*

Fl. 3 *ff* *mf* *f* *mf*

Ob. 1 *ff* *mp* *ff* *mf* *f* *p*

Ob. 2 *ff* *mp* *ff* *mf* *f*

Ob. 3 *p* *mp* *ff*

Cl. 1 *ff* *mp* *ff*

Cl. 2 *mf* *mp* *ff*

Cl. 3 *p* *mp* *ff*

Bsn. 1 *mp* *ff*

Bsn. 2 *p* *ff*

Hn. 1,2 *p* *ppp*

Hn. 3,4 *pp* *ff* *p* *ppp*

Tpts. *p* *ff* *p* *pp*

Tbns. *pp* *ff* *p* *ff*

Glock. *ppp*

B. D. *ppp*

Cel. *mp* *p*

Hp. 1 *p*

Hp. 2 *p*

Vln. I *p* *mp* *ff* *mp* *f* *mp* *p*

Vln. II *p* *mp* *ff* *mp* *f* *mp* *p* *div. in 3*

Vla. *mp* *ff* *mp* *f* *p*

Vc. *p* *mp* *ff* *mp* *f* *div. in 2*

116

Picc. *mf* *ff*

Ob. 1 *pp* *f*

Ob. 2 *pp* *f*

Ob. 3 *ppp* *p* *f*

Cl. 1 *p* *f*

Cl. 2 *p* *f*

Cl. 3 *pp* *p* *f*

Bsn. 1 *mf* *ff*

Bsn. 2 *mf* *ff*

Cbsn. *mf* *ff*

Tpts. *p*

Cel. *pp*

Hrp. 1

Vln. I *pp* *f* *mf*

Vln. II *pp* *f* *mf*

Vla. *pp* *f*

Vc. *pizz.* *mf* *tutti* *ff*

Cb. *arco* *f*

Fl. 1 *mf* *tr* *Flute* *tr* *To Picc.*

Picc. *mf* *tr*

Fl. 3 *mf* *tr*

Ob. 1 *p cresc.*

Ob. 2 *p cresc.*

Ob. 3 *p cresc.*

Cl. 1 *p* *cresc.* *tr*

Cl. 2 *p cresc.*

Cl. 3 *p* *cresc.* *tr*

Bsn. 1 *ff* *fff*

Bsn. 2 *ff* *fff*

Bsn. 3 *ff* *fff*

Hn. 1,2 *fp*

Hn. 3,4 *fp*

Tpts. *mf* *senza sord.*

Tbns. 1. *f* *f*

2. *f* *f*

3. *f* *f*

Tba. *f* *f*

Glock. *mf* *Cowbell*

Hp. 1 *f*

Hp. 2 *f*

Vln. I *mf* *cresc.*

Vln. II *mf* *cresc.*

Vla. *mf* *cresc.*

Vc. *mf pizz.* *ff* *fff*

Cb. *f* *fff*

This page of the musical score (page 17) features the following instruments and parts:

- Flutes:** Fl. 1, Fl. 2, Fl. 3. Fl. 1 has a *Piccolo* part. Dynamics include *ff* and *f*.
- Oboes:** Ob. 1, Ob. 2, Ob. 3. Dynamics include *ff*.
- Clarinets:** Cl. 1, Cl. 2, Cl. 3. Dynamics include *ff* and *f*.
- Bassoons:** Bsn. 1, Bsn. 2, Bsn. 3. Dynamics include *ff*.
- Horns:** Hn. 1, 2 and Hn. 3, 4. Dynamics include *ff*, *f*, and *fp*.
- Trombones:** Tbn. 1, 2, 3. Dynamics include *f*, *ff*, and *fp*.
- Trumpets:** Tpts. Dynamics include *f*, *ff*, and *mp*.
- Percussion:** Cow. (Cowbell), Susp. Cym. (Suspension Cymbal), Tri. (Triangle). Dynamics include *p*, *z*, *f*, and *ff*. Instructions include "Cymbals (clashed)".
- Harps:** Hp. 1, Hp. 2.
- Violins:** Vln. I, Vln. II. Dynamics include *ff*.
- Viola:** Vla. Dynamics include *ff*.
- Violoncello:** Vc. Dynamics include *ff* *arco*.
- Contrabass:** Cb. Dynamics include *ff* *arco* and *pizz.* (pizzicato).

128

Fl. 1

To Fl.

Picc.

Fl. 3

Ob. 1

Ob. 2

Cl. 1

Cl. 2

Cl. 3

Bsn. 1

Bsn. 2

Hn. 1, 2

Hn. 3, 4

Tpts.

Tbns.

Tba.

Cow.

Vln. I

Vln. II

Vla.

Cb.

130

Fl. 1

Picc.

Fl. 3

Ob. 1

Ob. 2

Ob. 3

Cl. 1

Cl. 2

Cl. 3

Bsn. 1

Bsn. 2

Bsn. 3

Tpts.

Tbns.

Cow.

Harp 1

Harp 2

Vln. I

Vln. II

Vla.

Flute

To Picc.

4 solo

mf

f

p

pp

II.

Energico, ♩ = 168 **Andante flessibile, ♩ = 80**

Flute 1 (Piccolo) *ff* *mp* *p* *ff* *mf* *ff* *f*

Piccolo *ff* *ff* *mp* *mp*

Flute 3 *ff* *mp* *p* *ff* *pp* *ff*

Oboe 1 *ff* *mp* *p* *ff*

Oboe 2 *ff*

Oboe 3 (English Horn) *ff*

Clarinet 1 in Bb *ff* *mp* *p* *f* *p*

Clarinet 2 in Bb *ff* *p* *p*

Clarinet 3 in Bb *ff* *pp* *p* *p* *mp*

Bassoon 1 *ff* *mp* *ff* *p*

Bassoon 2 *ff* *mp* *ff* *p*

Bassoon 3 *ff* *ff* *mp*

Horns 1,2 in F *ff* *p* *ff* *ppp* *f*

Horns 3,4 in F *ff* *p* *ff* *ppp* *f*

Trumpets 1-3 in Bb *ff* *p* *ff* *ppp* *f*

Trombones 1-3 *ff* *p* *ff*

Tuba *ff*

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

Bass Drum *ff* *pp* *l.v.*

Cymbals *l.v.*

Triangle *p*

Piano *ff* *p* *f* *p*

Harp 1 *f* *f*

Harp 2 *f* *f*

Violin I *ff* *f* *ff* *pp* *p* *mf* *f* *pp*

Violin II *ff* *f* *ff* *pp* *p* *f*

Viola *ff* *f* *ff* *ppp* *mf* *f*

Violoncello *ff* *ff* *ppp* *mf* *f*

Contrabass *ff* *ff* *ppp* *mf* *f*

Violin I *tutti* *sul pont.* *div.* *ord.* *div. in 2*

Violin II *div. in 2* *tutti* *div. in 2*

Viola *div. in 2* *tutti* *div.*

Violoncello *tutti* *div.*

Contrabass *arco* *f*

Harp 1 *D C# B / E# F# G A#* *Près de la table* *E# ord.* *l.v.*

Harp 2 *D C# B / E F# G A#* *ord.* *l.v.*

F

Musical score for Flutes (Fl. 1, 3), Piccolo (Picc.), Oboes (Ob. 1, 2), English Horn (Eng. Hn.), Clarinets (Cl. 1, 2, 3), Bassoons (Bsn. 1, 2), Horns (Hn. 1, 2, 3, 4), Trumpets (Tpts.), Trombones (Tbns.), and Tuba (Tba.).
 Fl. 1 starts with *mf* and a trill. Picc. has *f*, *pp*, and *p*. Fl. 3 has *mf*. Ob. 1 and 2 have *pp*. Eng. Hn. has *pp* and 'To Ob.'. Cl. 1 has *mf*. Cl. 2 has *mf*. Cl. 3 has *pp*. Bsn. 1 and 2 have *pp*. A section change marker 'F' is present at the end of this system.

Musical score for Horns (Hn. 1, 2, 3, 4), Trumpets (Tpts.), Trombones (Tbns.), and Tuba (Tba.).
 Horns 1 and 2 play a triplet of eighth notes with *mf*. Horns 3 and 4 also play a triplet with *mf*. Tpts. are marked *ppp* straight mute. Tbns. and Tba. are marked *pp* con sord.

Musical score for Timpani (T.-t.), Maracas (Mar.), Triangle (Tri.), and Harp 1 (Hp. 1).
 Mar. has *f* and *p*. Tri. has *ppp*. Hp. 1 has a chord of *p*: D C# Bb / E# F# G Ab.

Musical score for Harp 2 (Hp. 2) and Violins I (Vln. I).
 Hp. 2 has a *ppp* chord and a *p* chord. Vln. I has a trill and *ppp*. Section change marker 'F' is present.

Musical score for Violins II (Vln. II), Viola (Vla.), Violoncello (Vc.), and Contrabass (Cb.).
 Vln. II has *mf* and *mp*. Vla. has *p*, *mf*, and *mp*. Vc. has *mf* and *mp*. Cb. has *mf* and *mp*. Section change marker 'F' is present.

Fl. 1 *pp*

Picc. *mf* *pp < mf*

Fl. 3 *pp*

Ob. 1 *pp* *pp* *pp* *pp* *mp*

Ob. 2 *ppp* *pp* *ppp* *pp* *pp*

Eng. Hn. *pp*

Cl. 1 *pp* *pp*

Cl. 2 *pp* *pp*

Cl. 3 *p* *pp* *p* *pp* *p*

Bsn. 1 *pp*

Bsn. 2 *pp* *pp* *pp* *pp*

Bsn. 3 *ppp* *pp* *To Cbsn.*

Hn. 1,2 *ppp* *pp* *pp*

Hn. 3,4 *ppp* *mf-pp* *pp*

Tpts. *ppp* *ppp* *pp* *p*

Timp. *ppp* *Wooden sticks*

Vib. *4*

R.S.

Hp. 1

Hp. 2 *D \flat C B / E F G A \flat* *p*

Vln. I *pp* *gliss.* *p* *pizz.* *pp*

Vln. II *ppp* *pp* *gliss.* *p* *pizz.* *pp*

Vla. *ppp* *div.* *mp* *gliss.*

Vc. *p* *div. in 2*

Cb. *pizz.* *p*

33 **G**

Fl. 1 *p* *ff* *tr* *fitzlg.*

Picc.

Fl. 3 *p* *mf* *ppp*

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

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

Cl. 1 *p* *f*

Cl. 2 *p*

Bsn. 1 *p* *f*

Bsn. 2 *p* *f*

Bsn. 3 *f* *Contrabassoon*

Hn. 1,2 *p*

Hn. 3,4 *p*

Tpts. *pp* *mf*

Tbns. *fp* *f* *senza sord.*

Tba. *fp* *f* *senza sord.*

Timp. *mf* *f*

Vib. *Wood Blocks* *Tam-tam*

Mar. *Temple Blocks* *p* *mf* *f* *Bass Drum* *mp*

Susp. Cym. *Snare Drum* *pp* *mf* *p* *ppp*

R.S. *Rain Stick* *mf*

Pno. *p* *f* *ff* *8va* *8va*

Hp. 1 *D C B / E \flat F G A* *p*

Hp. 2 *gliss.*

Vln. I *div. in 2* *pizz.* *p* *arco* *pp* *arco* *gliss.* *p* *pp*

Vln. II *div. in 2* *pizz.* *p* *arco* *pp* *arco* *gliss.* *p* *pp*

Vla. *div. in 2* *p* *pp*

Vc. *pp* *pizz.* *p* *gliss.* *f* *tutti, tallone* *ord.*

Cb. *mp* *arco* *p* *f*

40

Fl. 1

Picc.

Fl. 3

Ob. 1

Ob. 2

Ob. 3

Cl. 1

Cl. 2

Cl. 3
Bass Clarinet in B \flat

Bsn. 1

Bsn. 2

Cbsn.

Hn. 1, 2

Hn. 3, 4

Tpts.

Tbns.

Tba.

Timp.

T.-t.
Glockenspiel

B. D.

R.S.
Triangle

Pno.

Hp. 1
D C B / E \flat F \sharp G \flat A

Hp. 2
D C B / E \flat F \sharp G \flat A

Vln. I

Vln. II

Vla.

Vc.

Cb.

mp

Flute

Alto Flute

To A. Fl.

pp

f

pp

f

mp

f

ppp

ff

p

mp

To Bsn.

p

f

pp

ppp

pp

con sord.

ppp

pp

tutti

f

p

sul pont.

ord.

div. in 2

ord.

pp

pp

gliss.

ff

pp

f

mp

H

This page of a musical score, numbered 26, features a variety of instruments. The woodwind section includes Flute 1 and 2, Alto Flute, Oboe 1, 2, and 3, Clarinet 1 and 2, Bass Clarinet, Bassoon 1 and 2, and Bassoon. The brass section consists of Horns 1, 2 and 3, 4, Trombones, and Timpani. The keyboard section includes Piano and Harp 1 and 2. The string section includes Violin I and II, Viola, Violoncello, and Contrabass. The score is written in a common time signature and includes dynamic markings such as *mp*, *mf*, *p*, *pp*, and *f*. Performance instructions include *senza sord.* for the bassoon and *tutti, sul pont.* for the strings. The harp part features a glissando and a section marked *8va*. The woodwinds and strings play complex melodic and rhythmic patterns, often with slurs and accents.



Adagio, ♩ = 60

Fl. 1, Fl. 2, A. Fl., Ob. 1, Ob. 2, Ob. 3, Cl. 1, Cl. 2, B. Cl., Bsn. 1, Bsn. 2, Bsn. 3

To Fl. Flute

mf, *f*, *p*, *gliss.*

Hn. 1,2, Hn. 3,4, Tbps., Timp.

p, *ppp*



Glock., B. D., Pno., Hp. 1, Hp. 2

Vibraphone

mf, *mp*, *f*, *p*, *ppp*, *mf*

(*laco*)

bisb.

D C B / E F G^b A[#]



Adagio, ♩ = 60

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

pp, *ppp*, *ord.*, *gliss.*, *p*, *pp*, *ppp*

div. in 2

J

Andante, ♩ = 80

56

Fl. 1 *f* *mf*

Fl. 2 *f* *mf*

Fl. 3 *f* *mf* To A. Fl.

Ob. 1 *p*

Ob. 2 *mp* *p*

Cl. 1 *p* *f* *p*

Cl. 2 *p* *f* *p*

B. Cl.

Bsn. 1 *f* *p*

Bsn. 2 *f* *p*

Bsn. 3 *f* *p*

Hn. 1, 2 *p*

Hn. 3, 4 *p*

Tbns. *pp* con sord.

Timp. *pp*

B. D.

S. D. *ppp* *f* Susp. Cymbal l.v.

Pno. *mp* *p*

Hp. 1 *Red* D C B / E F G A

Vln. I *tutti, pizz.* *arco* *pp* *p* *f* *gliss.* *p* *div. in 2*

Vln. II *tutti, pizz.* *arco* *pp* *mf* *p* *f* *p* *gliss.* *p* *div. in 2*

Vla. *tutti, pizz.* *arco* *pp* *mf* *ppp* *p* *f* *p* *div. in 2*

Vc. *tutti, pizz.* *arco* *pp* *mf* *p* *f* *pp* *p* *gliss.* *p* *div. in 2*

Cb. *pizz.* *arco* *pp* *f* *pp* *p* *gliss.*

63

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

Fl. 2 *To Picc.* *pp* *f*

A. Fl. *mf* *f*

Ob. 1 *mf*

Ob. 2 *p*

Cl. 1 *mf*

Cl. 2 *mf* *f*

Bsn. 1 *mf*

Bsn. 2 *mf*

Hn. 1,2 *ppp*

Hn. 3,4 *ppp* *con sord.* *pp* *p*

Tbns. *pp* *p* *con sord.* *pp* *p*

Vib. *Vibraphone* *p* *mp* *f* *p*

Susp. Cym. *Tam-tam* *p*

Pno.

Hp. 1 *mf*

Vln. I *p* *div. in 3* *ff* *p* *mf* *div. in 2* *mp* *f*

Vln. II *pp* *p* *div. in 3* *ff* *p* *div. in 2* *mp* *f*

Vla. *p* *div. in 3* *ff* *p*

Vc. *ff* *p* *f*

Cb. *f*

70

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

Picc. *mf*

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

Ob. 1 *mp* *f* *p* *mf* *ff* *f* *f* *p*

Ob. 2 *f* *p* *ff* *mf* *ff* *f* *f* *p*

Ob. 3 *mf* *ff*

Cl. 1 *mp* *f* *mf* *ff* *ppp* *mp* *ff*

Cl. 2 *p* *ff* *mf* *ff* *ppp* *mp* *ff*

Bsn. 1 *f* *mp* *ff* *p* *f* *p* *ff*

Bsn. 2 *p* *ff* *mf* *ff*

Bsn. 3 *mf* *ff*

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

Hn. 3, 4 *p* *f*

Tpts. *mp* *f* *mp* *f*

Tbns. *pp* *p* *f* *mp* *f*

Tba. *pp* *p* *f* *mp* *f*

Timp. *mf*

W.Ch. Wind Chimes *mp*

T.-t.

Vln. I *f* *tutti, pizz.* *mf* *ff* *arco, molto sul pont.* *mf* *ff*

Vln. II *tutti, pizz.* *mf* *ff* *arco, molto sul pont.* *mf* *ff*

Vla. *tutti, pizz.* *mp* *f* *div. in 2* *f* *pizz.* *f*

Vc. *tutti, pizz.* *mp* *f* *arco, div.* *mf* *ff*

Cb. *pizz.* *mf*

senza sord. *pp* *p* *f* *mp* *f*

senza sord. *pp* *p* *f* *mp* *f*

senza sord. *pp* *p* *f* *mp* *f*

Poco animato, l'istesso tempo

76

Fl. 1

Picc.

A. Fl.

Ob. 1

Ob. 2

Cl. 1

Cl. 2

B. Cl.

Bsn. 1

Bsn. 2

Bsn. 3

Hn. 1, 2

Hn. 3, 4

Tpts.

Tbns.

Tba.

Timp.

Vibraphone

W.Ch.

T.-t.

Tri.

Pno.

To Eb Cl.

Clarinet in Bb

Clarinet in Eb

Piccolo

Harmon mute

Triangle

Bass Drum

Susp. Cymbals

pp

f

mf

ff

p

mp

ppp

l.v.

Poco animato, l'istesso tempo

Vln. I

Vln. II

Vla.

Vc.

Cb.

pizz.

arco

tutti

div.

div. in 2

gliss.

mf

mp

f

pp

ppp

87

Fl. 1 *f* *pp* (fltzg.)

Picc. *f* *p*

A. Fl. *ff* *f* *pp* aeolian (fltzg.) To Fl.

Ob. 1 *p* *f* *fp* *ff* *fp* *ff* *mf*

Ob. 2 *p* *mf*

Ob. 3 *mf*

Cl. 1 *fff* *pp* *mf* *mp* *p* *mf*

E♭ Cl. *fff* *pp* *mf* *ff*

Cl. 3 *fff* *pp* *p* *mf* To B. Cl.

Bsn. 1 *p* *f* *f* *f* *f* To Cbsn.

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

Bsn. 3 *p* *f* *f* *f*

Hn. 1,2 *f* *pp* *ff* *pp* *ff*

Hn. 3,4 *f* *pp* *ff* *pp* *ff*

Tpts. *pp* *mf* *p*

Tbns. *mf* *f*

Tba. *f*

Timp. *mf* *pp*

B. D. Bass Drum *p*

Susp. Cym. *f* *p* *ff*

Tri. *p* *f*

Pno. *mp*

Vln. I *f* *pp* *mf* *p* *tutti* *p* *ff* *mf*

Vln. II *arco* *pp* *f* *ppp* *mf* *p* *f* *tutti, pizz.* *f* *ppp*

Vla. *div. in 3* *f* *ff* *pp* *f* *tutti, pizz.* *f* *arco* *mf*

Vc. *f* *ff* *pp* *f* *pizz.* *f* *p* *f*

Cb. *arco* *p* *pizz.* *f* *arco* *pp* *pizz.* *mf* *p* *f*

94 **L**

Fl. 1 *ff* *f* *f* *ff*

Picc. *ff* *f*

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

Ob. 1 *ff* *pp* *ff* *f*

Ob. 2 *ff* *f* *ff*

Ob. 3 *ff*

Cl. 1 *ff* *p* *ff* *pp* *ff* *p*

E♭ Cl. *ff* *f* *pp* *ff* *p*

Bsn. 1 *ff* *ff*

Bsn. 2 *ff* *ff*

Bsn. 3 *ff* *ff*

Hn. 1, 2 *mp* *ff*

Hn. 3, 4 *mp*

Tpts. *f* *mp* *f* (Harmon mute)

Tbns. *f* *mf* *p* *mf* *p* *pp* *mf*

Tba. *p* *pp* *mf*

Timp. *mf* *f*

B. D. *mf* *pp*

Vln. I *ff* *ff* *f*

Vln. II *ff* *f*

Vla. *ff* *f* *pizz.*

Vc. *ff* *f* *pizz.*

Cb. *ff* *f* *pizz.* *arco*

100

Fl. 1

Picc.

Fl.

Ob. 1

Ob. 2

Ob. 3

Cl. 1

E♭ Cl.

Cl. 3

Bsn. 1

Bsn. 2

Cbsn.

Hn. 1, 2

Hn. 3, 4

Tpts.

Tbns.

Tba.

Timp.

Vib.

B. D.

Mrcs.

Pno.

Vln. I

Vln. II

Vla.

Vc.

Cb.

ff

f

mf

p

pp

gliss.

arco

loco

div. in 2

sul pont.

M

N

Fl. 1
Fl. 2
A. Fl.
Ob. 1
Ob. 2
Ob. 3
Cl. 1
Cl. 2
Cl. 3
Bsn. 1
Bsn. 2
Cbsn.

Hn. 1, 2
Hn. 3, 4
Tpts.
Tbns.
Tba.
Timp.

B. D.
Cym.

Wind Chimes

N

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

This page of a musical score, numbered 37, contains the following parts and markings:

- Flutes (Fl. 1, 2, 3):** Flute 1 starts at measure 125. Dynamics include *ff* and *f*. Flute 2 and 3 have various articulations and dynamics.
- Oboes (Ob. 1, 2, 3):** Oboe 1 has dynamics *f* and *f*. Oboe 2 and 3 have dynamics *f* and *f*.
- Clarinets (Cl. 1, 2, 3):** Clarinet 2 and 3 have dynamics *mf*, *fff*, and *f*. Clarinet 1 has dynamics *f* and *f*.
- Bassoons (Bsn. 1, 2, 3):** Bassoon 1 has dynamics *ff* and *f*. Bassoon 2 and 3 have dynamics *f* and *f*.
- Violins (Vln. I, II):** Violin I and II have various articulations and dynamics.
- Viola (Vla.):** Dynamic *mf*. Includes the marking *pizz.*
- Violoncello (Vc.):** Includes the marking *gliss.* and dynamics *ppp*, *mf*, and *f*.
- Double Bass (Cb.):** Includes the marking *pizz.* and dynamics *mf* and *f*. Includes the marking *arco*.



Vivace, ♩ = 168

133

Fl. 1 *mf* *ff* *ff*

Fl. 2 *mf* *ff*

Fl. 3 *mf* *ff*

Ob. 1 *pp*

Ob. 2 *pp* *f*

Ob. 3 *pp* *f*

Cl. 1 *pp* *f*

Cl. 2 *pp* *f*

Cl. 3 *pp* *f*

Bsn. 1 *ff*

Bsn. 2 *ff*

Bsn. *ff*

Hn. 1, 2 *f-pp < ff* *ff*

Hn. 3, 4 *f-pp < ff* *ff*

Tpts. *f p* *f p*

Tbns. *f* *f*

Tba. *f*

Timp. *f* *ff* *f* *f*



Vivace, ♩ = 168

Vln. I *p* *fff* *fff* *ff* *p* *ff* *f*

Vln. II *ff* *fff* *fff* *ff* *p* *ff* *f*

Vla. *arco, tutti* *ff* *fff* *fff* *ff* *p* *ff* *f*

Vc. *ff* *pizz.* *fff* *fff* *ff* *ff* *ff*

Cb. *ff* *fff* *fff* *ff* *arco* *ff*

div. in 3

div. in 2

div. in 3

div. in 2

tutti

147 $\text{b} \text{e}$

Fl. 1 *ppp* \leftarrow *fff* *mf* *f* *f* *mp* \leftarrow *ff*

Fl. 2 *mf* *mf* *ff*

Fl. 3 *mf* *f*

Ob. 1 *ppp* \leftarrow *fff* *f* *f* *p*

Ob. 2 *ppp* \leftarrow *fff* *f* *f* *p* \leftarrow *ff*

Ob. 3 *ppp* \leftarrow *fff* *f* *f* *ff*

Cl. 1 *fff* *f* *ff* *f* *p* *p* \leftarrow *ff*

Cl. 2 *fff* *f* *ff* *p* *p* \leftarrow *ff* *mp*

Cl. 3 *fff* *f* *ff* *ff* *mp*

Bsn. 1 *ppp* \leftarrow *fff* *f* *f* *ff*

Bsn. 2 *f* *f*

Hn. 1, 2 *f* *pp* \leftarrow *ff* *mf* *f*

Hn. 3, 4 *f* *pp* \leftarrow *ff* *mf* *f*

Tpts. *mp* \leftarrow *f* *f*

Tbns. *mp* \leftarrow *f* *ff* *f*

Tba. *ff*

Timp. *f* *f*

Cym. *p* *f* *p* *f*

Maracas *p* *f* *p* *f*

Vln. I *fff* *div. in 2* *mf* *pizz.* *arco* *ff* *mf* *ff*

Vln. II *fff* *div. in 2* *mf* *pizz.* *arco* *ff* *tutti* *ff*

Vla. *ff* *fff* *div. in 2* *f* *tr.* *tutti* *ff*

Vc. *ff* *fff* *ff* *ff* *ff*

Cb. *ff* *ff*

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

Fl. 2 *p* *f* *p*

Fl. 3 *mp* *f* *f* *p*

Ob. 1 *mp* *f* *f* *tr* *mp*

Ob. 2 *p* *mp* *f* *p* *f* *tr* *mp*

Ob. 3 *mp* *f* *p* *f* *f* *tr* *mp*

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

Cl. 2 *f* *p* *f* *ff* *p* *ff* *mf* *tr*

Cl. 3 *f* *p* *f* *ff* *p* *ff* *mf* *tr*

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

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

Tbns. *mf p* *f* *mf p* *f*

Timp. *mp* *p* *pp*

Mrcs. Triangle *ppp*

Cel. *p*

Hp. 1 *f*

Hp. 2 *f*

Vln. I *mf* *tutti* *ff mf* *p* *div. in 3*

Vln. II *mf* *port.* *tutti* *ff mf* *p* *div. in 3*

Vla. *f* *p* *div. in 2*

Vc. *f* *p* *tutti* *ff mf*

This page of a musical score covers measures 167 through 171. The instrumentation includes three flutes (Fl. 1, 2, 3), three oboes (Ob. 1, 2, 3), three clarinets (Cl. 1, 2, 3), a triangle (Tri.), a celesta (Cel.), two violins (Vln. I, II), and a viola (Vla.).

- Flutes (Fl. 1, 2, 3):** Each part begins with a trill (tr) and a forte (f) dynamic. They play sustained notes with trills, often tied across measures.
- Oboes (Ob. 1, 2, 3):** Similar to the flutes, they play sustained notes with trills and a forte (f) dynamic.
- Clarinets (Cl. 1, 2, 3):** Also play sustained notes with trills, following the woodwind ensemble.
- Triangle (Tri.):** Plays a rhythmic pattern of quarter notes with a 'z' (zongolone) symbol above each note.
- Celesta (Cel.):** Features a melodic line with frequent triplets (3).
- Violins (Vln. I, II) and Viola (Vla.):** The strings play a complex, rhythmic accompaniment with many triplets and slurs. The viola part starts with a piano (p) dynamic.

