

HYPERCUBE

Oliver Waespi

Brass Band

Hypercube 1

Energico (♩ = ca. 88-92)

Score for Hypercube 1, left page. Instruments include: Eb Cornet, Bb Solo Cornet 1, Bb Solo Cornet 2, Bb Solo Cornet 3, Bb Solo Cornet 4, Bb Repiano Cornet, Bb Cornet 2, Bb Cornet 3, Bb Flugel Horn, Eb Solo Horn, Eb Horn 1, Eb Horn 2, Bb Baritone 1, Bb Baritone 2, Bb Trombone 1, Bb Trombone 2, Bass Trombone, Bb Euphonium, Eb Bass, Bb Bass, Timpani, Percussion 1, Percussion 2, Percussion 3. Features a large 'beriato music' logo in the center and bottom right. Dynamics include *ff*, *f*, *mp*, *mf*, *cap mute*, *pp*, *ppp*, *ff pesante, ma ritmico*. Performance instructions include '1., cup mute', '2., cup mute', '3., cup mute', '4., cup mute', 'cup mute', and 'One player'.

Score for Hypercube 1, right page. Instruments include: Eb Cnt., Bb S. Cnt. 1, Bb S. Cnt. 2, Bb S. Cnt. 3, Bb S. Cnt. 4, Bb R. Cnt., Bb Cnt. 2, Bb Cnt. 3, Bb Fl. Hn., Eb S. Hn., Eb Hn. 1, Eb Hn. 2, Bb Bar. 1, Bb Bar. 2, Bb Tbn. 1, Bb Tbn. 2, Bb Tbn., Bb Euph., Eb Bs., Bb Bs., Timp., Perc. 1, Perc. 2, Perc. 3. Features a large 'beriato music' logo in the center. Dynamics include *pp*, *p*, *mp*, *mf*, *f*, *ppp*, *pp*, *p cres.*, *poco a poco*. Performance instructions include 'Solo', 'p rassemble', '1.', 'Solo', 'High Tom', and 'High Tom'.

29

beriato music

32

beriato music

36

E♭ Cnt.

B♭ S. Cnt. 1

B♭ S. Cnt. 2

B♭ S. Cnt. 3

B♭ S. Cnt. 4

B♭ R. Cnt.

B♭ Cnt. 2

B♭ Cnt. 3

B♭ Fl. Hn.

E♭ S. Hn.

E♭ Hn. 1

E♭ Hn. 2

B♭ Bar. 1

B♭ Bar. 2

B♭ Tbn. 1

B♭ Tbn. 2

Bs. Tbn.

B♭ Euph.

E♭ Bs.

B♭ Bs.

Timp.

Perc. 1

Perc. 2

Perc. 3



beriato
music

1. *ff*

2. *ff*

High S.C. (shaft of stick on dome)

Tubular Bells

ff

39

41

E♭ Cnt.

B♭ S. Cnt. 1

B♭ S. Cnt. 2

B♭ S. Cnt. 3

B♭ S. Cnt. 4

B♭ R. Cnt.

B♭ Cnt. 2

B♭ Cnt. 3

B♭ Fl. Hn.

E♭ S. Hn.

E♭ Hn. 1

E♭ Hn. 2

B♭ Bar. 1

B♭ Bar. 2

B♭ Tbn. 1

B♭ Tbn. 2

Bs. Tbn.

B♭ Euph.

E♭ Bs.

B♭ Bs.

Timp.

Perc. 1

Perc. 2

Perc. 3



beriato
music

ff

All



beriato
music

sim

ff

42

Eb Cnt.
 Bb S. Cnt. 1
 Bb S. Cnt. 2
 Bb S. Cnt. 3
 Bb S. Cnt. 4
 Bb R. Cnt.
 Bb Cnt. 2
 Bb Cnt. 3
 Bb Fl. Hn.
 Eb S. Hn.
 Eb Hn. 1
 Eb Hn. 2
 Bb Bar. 1
 Bb Bar. 2
 Bb Tbn. 1
 Bb Tbn. 2
 Bs. Tbn.
 Bb Euph.
 Eb Bs.
 Bb Bs.
 Timp.
 Perc. 1
 Perc. 2
 Perc. 3

beriato music

f *rit.*, *poco a poco*

45

46

Eb Cnt.
 Bb S. Cnt. 1
 Bb S. Cnt. 2
 Bb S. Cnt. 3
 Bb S. Cnt. 4
 Bb R. Cnt.
 Bb Cnt. 2
 Bb Cnt. 3
 Bb Fl. Hn.
 Eb S. Hn.
 Eb Hn. 1
 Eb Hn. 2
 Bb Bar. 1
 Bb Bar. 2
 Bb Tbn. 1
 Bb Tbn. 2
 Bs. Tbn.
 Bb Euph.
 Eb Bs.
 Bb Bs.
 Timp.
 Perc. 1
 Perc. 2
 Perc. 3

beriato music

Play ad lib.
Play
Play ad lib.
Play
p
p
p
All, staggered breathing ad lib.
S.C. (soft mallets)
Cymb. a2

Es Cnt. (1 + 2)

B♭ S. Cnt. 1

B♭ S. Cnt. 2

B♭ S. Cnt. 3

B♭ S. Cnt. 4

B♭ R. Cnt.

B♭ Cnt. 2

B♭ Cnt. 3

B♭ Fl. Hn.

E♭ S. Hn.

E♭ Hn. 1

E♭ Hn. 2

B♭ Bar. 1

B♭ Bar. 2

B♭ Tbn. 1

B♭ Tbn. 2

Bs. Tbn.

B♭ Euph.

E♭ Bs.

B♭ Bs.

Timp.

Perc. 1

Perc. 2

Perc. 3

cup mute

f

mf

pp

beriato
music

Bass Drum

mp

Es Cnt.

B♭ S. Cnt. 1

B♭ S. Cnt. 2

B♭ S. Cnt. 3

B♭ S. Cnt. 4

B♭ R. Cnt.

B♭ Cnt. 2

B♭ Cnt. 3

B♭ Fl. Hn.

E♭ S. Hn.

E♭ Hn. 1

E♭ Hn. 2

B♭ Bar. 1

B♭ Bar. 2

B♭ Tbn. 1

B♭ Tbn. 2

Bs. Tbn.

B♭ Euph.

E♭ Bs.

B♭ Bs.

Timp.

Perc. 1

Perc. 2

Perc. 3

p cantabile

beriato
music

Musical score page 61 for Hypercube. The score includes parts for Eb Cnt., Bb S. Cnt. 1-4, Bb R. Cnt., Bb Cnt. 2-3, Bb Fl. Hn., Eb S. Hn., Eb Hn. 1-2, Bb Bar. 1-2, Bb Tbn. 1-2, Bs. Tbn., Bb Euph., Eb Bs., Bb Bs., Timp., Perc. 1-3. The Beriato Music logo is prominently displayed in the center of the page. Performance markings include *mp cantabile*, *mf*, *open*, *All. open*, *All*, *poco*, and *rit.*

Musical score page 72 for Hypercube. The score includes parts for Eb Cnt., Bb S. Cnt. 1-4, Bb R. Cnt., Bb Cnt. 2-3, Bb Fl. Hn., Eb S. Hn., Eb Hn. 1-2, Bb Bar. 1-2, Bb Tbn. 1-2, Bs. Tbn., Bb Euph., Eb Bs., Bb Bs., Timp., Perc. 1-3. The Beriato Music logo is prominently displayed in the center of the page. Performance markings include *poco f*, *mf*, *dim. poco a poco*, and *p*. The word *Rit.* is written at the top right of the page.

100 105

This page of the musical score covers measures 100 to 105. It features parts for E♭ Contrabass, B♭ Soprano Contrabass (1-4), B♭ Alto Contrabass (1-3), B♭ Tenor Contrabass, B♭ Bassoon (1-2), B♭ Flute (1-2), E♭ Saxophone (1-2), E♭ Horn (1-2), B♭ Trumpet (1-2), Bass Trombone, B♭ Euphonium, E♭ Bass, B♭ Bass, Tympani, and Percussion (1-3). A large 'beriato music' logo is centered on the page. Performance instructions include 'cup mutes' for brass and woodwinds, 'p' for piano, 'mp' for mezzo-piano, and 'End of Solo' for the B♭ Flute part.

107 109

This page of the musical score covers measures 107 to 109. It features parts for E♭ Contrabass, B♭ Soprano Contrabass (1-4), B♭ Alto Contrabass (1-3), B♭ Tenor Contrabass, B♭ Bassoon (1-2), B♭ Flute (1-2), E♭ Saxophone (1-2), E♭ Horn (1-2), B♭ Trumpet (1-2), Bass Trombone, B♭ Euphonium, E♭ Bass, B♭ Bass, Tympani, and Percussion (1-3). A large 'beriato music' logo is centered on the page. Performance instructions include 'Solo, open', 'All, open', 'mp', 'p', 'f', 'ff', 'mf', 'fz', 'sfz', and 'Solo (One player)'. A note for the Percussion part reads 'mf secco e molto ritmico, ma sotto voce'.

114 118

beriato music

open
mp

P.S.D. (brakes)

121 123

beriato music

(End of Solo)

straight mute
mf

open
f

All
f

f
secco

Triple Bongos (sticks)
mf

beriato music

127

straight mute

131



beriato
music

Soli, "brink"

mf

f

ff

f

mf

f

ff

f

mf

f

ff

f

mf

f

ff

S.D. (sn-d) mf (rim-click)

133

open



beriato
music

mf

f

ff

f

mf

f

ff

f

mf

f

ff

f

mf

f

ff

All mf

f

f

mf

f

ff

(end)

E♭ Cnt. *p*
 B♭ S. Cnt. 1 *p*
 B♭ S. Cnt. 2 *p*
 B♭ S. Cnt. 3 *poco a poco*
 B♭ S. Cnt. 4 *poco a poco*
 B♭ R. Cnt. *pp*
 B♭ Cnt. 2 *pp*
 B♭ Cnt. 3 *pp*
 B♭ Fl. Hn. *pp*
 E♭ S. Hn. *pp cresc. poco a poco*
 E♭ Hn. 1 *pp cresc. poco a poco*
 E♭ Hn. 2 *pp cresc. poco a poco*
 B♭ Bar. 1 *pp*
 B♭ Bar. 2 *mf cresc. poco a poco*
 B♭ Tbn. 1 *pp p mp nf f*
 B♭ Tbn. 2 *p mp nf*
 B♭ Tbn. *mf f*
 B♭ Euph. *cresc. poco a poco*
 E♭ Bs. *pp cresc. poco a poco*
 B♭ Bs. *pp cresc. poco a poco*
 Timp.
 Perc. 1 *P*
 Perc. 2 *2 different sized S.C. (soft mallets)*
 Perc. 3 *pp cresc. poco a poco* *ff* *Ride Cymbal*



E♭ Cnt.
 B♭ S. Cnt. 1
 B♭ S. Cnt. 2
 B♭ S. Cnt. 3
 B♭ S. Cnt. 4
 B♭ R. Cnt.
 B♭ Cnt. 2
 B♭ Cnt. 3
 B♭ Fl. Hn.
 E♭ S. Hn.
 E♭ Hn. 1
 E♭ Hn. 2
 B♭ Bar. 1
 B♭ Bar. 2
 B♭ Tbn. 1
 B♭ Tbn. 2
 B♭ Tbn.
 B♭ Euph.
 E♭ Bs.
 B♭ Bs.
 Timp.
 Perc. 1
 Perc. 2
 Perc. 3



150

151



beriato music

Eb Cnt.
 Bb S. Cnt. 1
 Bb S. Cnt. 2
 Bb S. Cnt. 3
 Bb S. Cnt. 4
 Bb R. Cnt.
 Bb Cnt. 2
 Bb Cnt. 3
 Bb Fl. Hn.
 Eb S. Hn.
 Eb Hn. 1
 Eb Hn. 2
 Bb Bar. 1
 Bb Bar. 2
 Bb Tbn. 1
 Bb Tbn. 2
 Bs. Tbn.
 Bb Euph.
 Eb Bs.
 Bb Bs.
 Timp.
 Perc. 1
 Perc. 2
 Perc. 3

155

157

Rall. poco a poco



beriato music

Eb Cnt.
 Bb S. Cnt. 1
 Bb S. Cnt. 2
 Bb S. Cnt. 3
 Bb S. Cnt. 4
 Bb R. Cnt.
 Bb Cnt. 2
 Bb Cnt. 3
 Bb Fl. Hn.
 Eb S. Hn.
 Eb Hn. 1
 Eb Hn. 2
 Bb Bar. 1
 Bb Bar. 2
 Bb Tbn. 1
 Bb Tbn. 2
 Bs. Tbn.
 Bb Euph.
 Eb Bs.
 Bb Bs.
 Timp.
 Perc. 1
 Perc. 2
 Perc. 3

Es Cnt.
B♭ S. Cnt. 1
B♭ S. Cnt. 2
B♭ S. Cnt. 3
B♭ S. Cnt. 4
B♭ R. Cnt.
B♭ Cnt. 2
B♭ Cnt. 3
B♭ Fl. Hn.
Es S. Hn.
Es Hn. 1
Es Hn. 2
B♭ Bar. 1
B♭ Bar. 2
B♭ Tbn. 1
B♭ Tbn. 2
Bs. Tbn.
B♭ Euph.
Es Bs.
B♭ Bs.
Timp.
Perc. 1
Perc. 2
Perc. 3

Es Cnt.
B♭ S. Cnt. 1
B♭ S. Cnt. 2
B♭ S. Cnt. 3
B♭ S. Cnt. 4
B♭ R. Cnt.
B♭ Cnt. 2
B♭ Cnt. 3
B♭ Fl. Hn.
Es S. Hn.
Es Hn. 1
Es Hn. 2
B♭ Bar. 1
B♭ Bar. 2
B♭ Tbn. 1
B♭ Tbn. 2
Bs. Tbn.
B♭ Euph.
Es Bs.
B♭ Bs.
Timp.
Perc. 1
Perc. 2
Perc. 3

180

Rit.

Fugato vertiginoso
188 Energico e molto ritmico ($\text{♩} = \text{ca. } 138$)

beriato music

1. cup mute
p

2. cup mute
p

1. cup mute
p

2. cup mute
p

End of Solo

straight mute
p - *sf*

open
mf

Ab

mf

p

Gluck.
p

mf Hi-hat (hat open - Auto stick)

mp

192

198

beriato music

mf

mf

mf

mf

f

f

fp - *sf*

fp - *sf*

fp - *sf*

straight mute

fp - *sf*

to Exec timbaurie - sticks)

mf

E♭ Cnt.
 B♭ S. Cnt. 1
 B♭ S. Cnt. 2
 B♭ S. Cnt. 3
 B♭ S. Cnt. 4
 B♭ R. Cnt.
 B♭ Cnt. 2
 B♭ Cnt. 3
 B♭ Fl. Hn.
 E♭ S. Hn.
 E♭ Hn. 1
 E♭ Hn. 2
 B♭ Bar. 1
 B♭ Bar. 2
 B♭ Tbn. 1
 B♭ Tbn. 2
 B♭ Tbn.
 B♭ Euph.
 E♭ Bs.
 B♭ Bs.
 Timp.
 Perc. 1
 Perc. 2
 Perc. 3



beriato music

div. ad lib.

Fill ad lib.

rim-click

E♭ Cnt.
 B♭ S. Cnt. 1
 B♭ S. Cnt. 2
 B♭ S. Cnt. 3
 B♭ S. Cnt. 4
 B♭ R. Cnt.
 B♭ Cnt. 2
 B♭ Cnt. 3
 B♭ Fl. Hn.
 E♭ S. Hn.
 E♭ Hn. 1
 E♭ Hn. 2
 B♭ Bar. 1
 B♭ Bar. 2
 B♭ Tbn. 1
 B♭ Tbn. 2
 B♭ Tbn.
 B♭ Euph.
 E♭ Bs.
 B♭ Bs.
 Timp.
 Perc. 1
 Perc. 2
 Perc. 3



beriato music

207

All



beriato music

Musical score for Hypercube - 35, measures 212-219. The score includes parts for Eb Contrabass, four Bb Soprano Cornets, two Bb Alto Cornets, Bb Baritone, Bb Horns, Eb Horns, Bb Baritone Saxophone, Bb Trombone, Bb Euphonium, Eb Bass, Bb Bass, Triangle, Percussion 1, 2, and 3, Vibraphone, and Mallets. The Beriato Music logo is prominently displayed in the center.

Musical score for Hypercube - 36, measures 219-222. The score includes parts for Eb Contrabass, four Bb Soprano Cornets, two Bb Alto Cornets, Bb Baritone, Bb Horns, Eb Horns, Bb Baritone Saxophone, Bb Trombone, Bb Euphonium, Eb Bass, Bb Bass, Triangle, Percussion 1, 2, and 3, Vibraphone, and Mallets. The Beriato Music logo is prominently displayed in the center.

Musical score for page 226, featuring a large 'beriato music' logo watermark in the center. The score includes parts for Eb Cont., four Bb Soprano Cornets (S. Cnt. 1-4), Bb R. Cont., Bb Cont. 2, Bb Cont. 3, Bb Fl. Hn., Eb S. Hn., Eb Hn. 1, Eb Hn. 2, Bb Bar. 1, Bb Bar. 2, Bb Tbn. 1, Bb Tbn. 2, Bs. Tbn., Bb Euph., Eb Bs., Bb Bs., Timp., Perc. 1, Perc. 2, and Perc. 3. The score is in 4/4 time and includes various musical notations such as dynamics (f, sf, ff), articulation (accents), and phrasing slurs.

Musical score for page 232, featuring a large 'beriato music' logo watermark in the center. The score includes parts for Eb Cont., four Bb Soprano Cornets (S. Cnt. 1-4), Bb R. Cont., Bb Cont. 2, Bb Cont. 3, Bb Fl. Hn., Eb S. Hn., Eb Hn. 1, Eb Hn. 2, Bb Bar. 1, Bb Bar. 2, Bb Tbn. 1, Bb Tbn. 2, Bs. Tbn., Bb Euph., Eb Bs., Bb Bs., Timp., Perc. 1, Perc. 2, and Perc. 3. The score is in 4/4 time and includes various musical notations such as dynamics (p, mp), articulation (accents), and phrasing slurs. Specific performance instructions like 'straight mute' and 'All, straight mute' are present for the Eb Cont. parts.

Eb Cnt.
 Bb S. Cnt. 1
 Bb S. Cnt. 2
 Bb S. Cnt. 3
 Bb S. Cnt. 4
 Bb R. Cnt.
 Bb Cnt. 2
 Bb Cnt. 3
 Bb Fl. Hn.
 Eb S. Hn.
 Eb Hn. 1
 Eb Hn. 2
 Bb Bar. 1
 Bb Bar. 2
 Bb Tbn. 1
 Bb Tbn. 2
 Bs. Tbn.
 Bb Euph.
 Eb Bs.
 Bb Bs.
 Timp.
 Perc. 1
 Perc. 2
 Perc. 3




beriato
 music

Hi-Hat (chose)

Eb Cnt.
 Bb S. Cnt. 1
 Bb S. Cnt. 2
 Bb S. Cnt. 3
 Bb S. Cnt. 4
 Bb R. Cnt.
 Bb Cnt. 2
 Bb Cnt. 3
 Bb Fl. Hn.
 Eb S. Hn.
 Eb Hn. 1
 Eb Hn. 2
 Bb Bar. 1
 Bb Bar. 2
 Bb Tbn. 1
 Bb Tbn. 2
 Bs. Tbn.
 Bb Euph.
 Eb Bs.
 Bb Bs.
 Timp.
 Perc. 1
 Perc. 2
 Perc. 3




beriato
 music

247 **248** *open*

Es. Cnt. *ff*

B♭ S. Cnt. 1 *ff*

B♭ S. Cnt. 2 *ff*

B♭ S. Cnt. 3 *ff*

B♭ S. Cnt. 4 *ff*

B♭ R. Cnt. *ff*

B♭ Cnt. 2 *ff*

B♭ Cnt. 3 *ff*

B♭ Fl. Hn. *open*
f *ff*

Es S. Hn. *ff*

Es Hn. 1 *f* *ff*

Es Hn. 2 *ff*

B♭ Bar. 1 *ff*

B♭ Bar. 2 *ff*

B♭ Tbn. 1 *ff*

B♭ Tbn. 2 *ff*

Bs. Tbn. *ff*

B♭ Euph. *ff*

Es Bs. *ff* *All.*

B♭ Bs. *ff*

Timp. *Timp.* *ff*

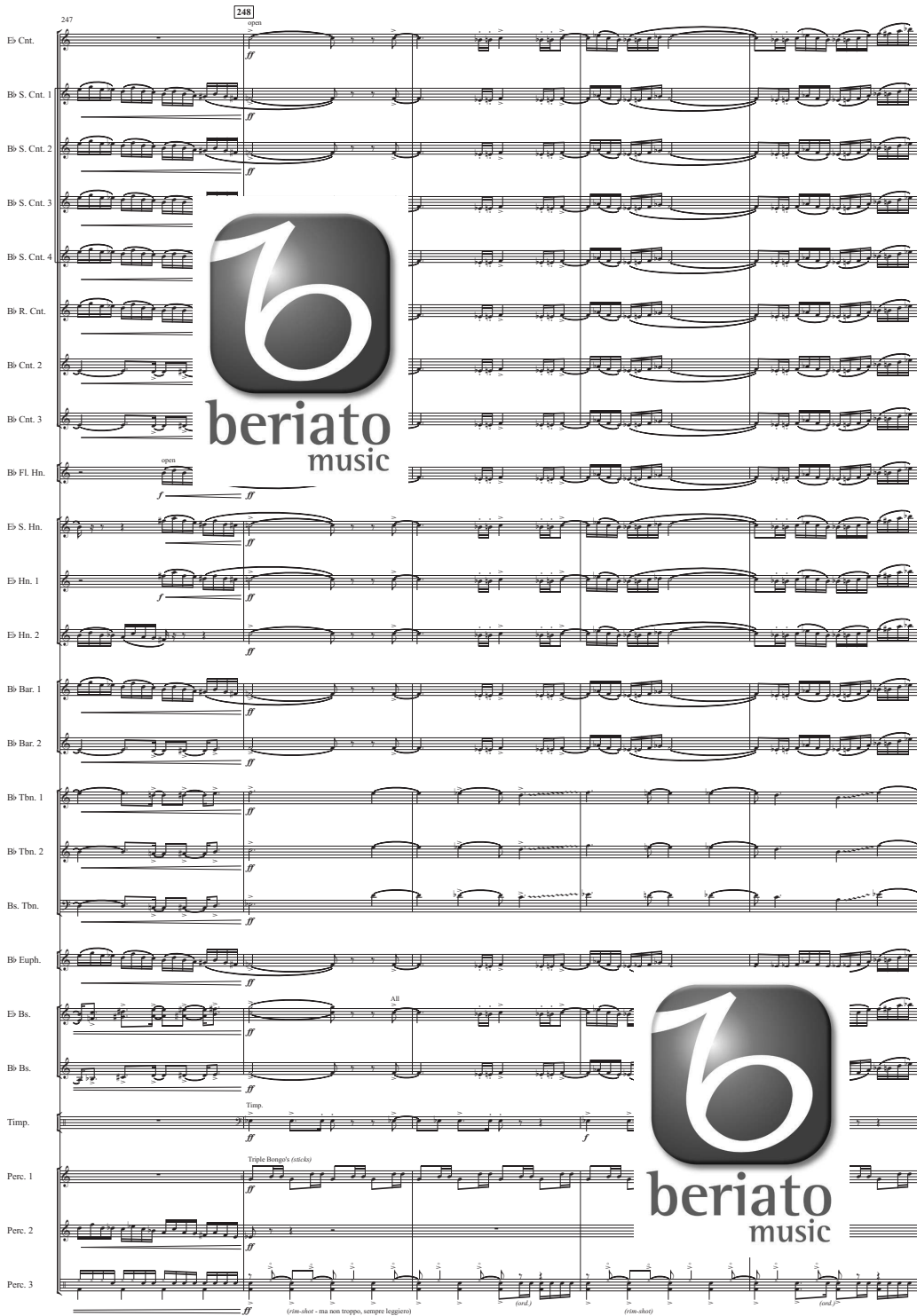
Perc. 1 *Tripla Bongo's (rit. da)* *ff*

Perc. 2 *ff*

Perc. 3 *ff*

beriato
music

(rit. da) - ma non troppo, sempre leggero *(rit.)* *(rit. da)* *(rit.)*



252

Es. Cnt. *ff*

B♭ S. Cnt. 1 *ff*

B♭ S. Cnt. 2 *ff*

B♭ S. Cnt. 3 *ff*

B♭ S. Cnt. 4 *ff*

B♭ R. Cnt. *ff*

B♭ Cnt. 2 *ff*

B♭ Cnt. 3 *ff*

B♭ Fl. Hn. *ff*

Es S. Hn. *fff*

Es Hn. 1 *fff*

Es Hn. 2 *fff*

B♭ Bar. 1 *ff*

B♭ Bar. 2 *ff*

B♭ Tbn. 1 *fff*

B♭ Tbn. 2 *fff*

Bs. Tbn. *fff*

B♭ Euph. *ff*

Es Bs. *ff*

B♭ Bs. *ff*

Timp. *ff*

Perc. 1 *ff*

Perc. 2 *ff*

Perc. 3 *ff*

beriato
music

(rit. da) *(rit.)* *(rit. da)* *(rit.)*



257 258

Er Cnt.
Bb S. Cnt. 1
Bb S. Cnt. 2
Bb S. Cnt. 3
Bb S. Cnt. 4
Bb R. Cnt.
Bb Cnt. 2
Bb Cnt. 3
Bb Fl. Hn.
E♭ S. Hn.
E♭ Hn. 1
E♭ Hn. 2
Bb Bar. 1
Bb Bar. 2
Bb Tbn. 1
Bb Tbn. 2
Bs. Tbn.
Bb Euph.
E♭ Bs.
Bb Bs.
Timp.
Perc. 1
Perc. 2
Perc. 3

beriato
music

staggered breathing

Xylo. (hard mallets)

beriato
music

ff

262

Er Cnt.
Bb S. Cnt. 1
Bb S. Cnt. 2
Bb S. Cnt. 3
Bb S. Cnt. 4
Bb R. Cnt.
Bb Cnt. 2
Bb Cnt. 3
Bb Fl. Hn.
E♭ S. Hn.
E♭ Hn. 1
E♭ Hn. 2
Bb Bar. 1
Bb Bar. 2
Bb Tbn. 1
Bb Tbn. 2
Bs. Tbn.
Bb Euph.
E♭ Bs.
Bb Bs.
Timp.
Perc. 1
Perc. 2
Perc. 3

beriato
music

beriato
music

ff

267

beriato music

Les Nuages II (Clouds II)

272 *Rall. poco a poco* 275 *Moderato* (♩ = ca. 78) Solo

beriato music

278

Rit.

beriato music

284 Andante cantabile ($\text{♩} = \text{ca. } 69-72$)

294

beriato music

Ed. Cnt.

B♭ S. Cnt. 1

B♭ S. Cnt. 2

B♭ S. Cnt. 3

B♭ S. Cnt. 4

B♭ R. Cnt.

B♭ Cnt. 2

B♭ Cnt. 3

B♭ Fl. Hn.

Ed. S. Hn.

Ed. Hn. 1

Ed. Hn. 2

B♭ Bar. 1

B♭ Bar. 2

B♭ Tbn. 1

B♭ Tbn. 2

Bs. Tbn.

B♭ Euph.

Ed. Bs.

B♭ Bs.

Timp.

Perc. 1

Perc. 2

Perc. 3

beriato music

mp *p* *p* *p* *p*

Solo *mf* *ppp* *p*

(non solo) *p*

Solo *mf* *ppp* *p*

All *mp* *p*

Ed. Cnt.

B♭ S. Cnt. 1

B♭ S. Cnt. 2

B♭ S. Cnt. 3

B♭ S. Cnt. 4

B♭ R. Cnt.

B♭ Cnt. 2

B♭ Cnt. 3

B♭ Fl. Hn.

Ed. S. Hn.

Ed. Hn. 1

Ed. Hn. 2

B♭ Bar. 1

B♭ Bar. 2

B♭ Tbn. 1

B♭ Tbn. 2

Bs. Tbn.

B♭ Euph.

Ed. Bs.

B♭ Bs.

Timp.

Perc. 1

Perc. 2

Perc. 3

beriato music

Solo *ppp* *mf* *p*

mp *p* *p*

All open *mp* *p* *p*

All open *p*

open *p* *mp* *p*

open *p* *mp* *p*

open *p* *mp* *p*

ppp *mf*

mp *p* *mp*