

# 5 Bagatelle for String Quartet by Golden Ratio Harmony

\* Witten harmonics note indicates which string to play and where to put fingers.  
Tune the pitch of each strings by a tuning application in your mobile phone.

## I

Lento  $\text{♩} = 60$

I : 705.5Hz (near F), II: 441.9 Hz(A), III: 298.8 Hz (near D), IV: 214.5 Hz(between G#-A)

Musical score for the first system, featuring four staves: Violin I, Violin II, Viola, and Violoncello. The score includes fingerings, dynamics (f, sff, ff), and a trill in the final measure of each part. The frequency information for each instrument is provided above the staves.

Musical score for the second system, featuring four staves: Vln. I, Vln. II, Vla., and Vc. The score includes dynamics (ppp), articulation (trunquillo), and a section marked 'in tempo'. The frequency information for each instrument is provided above the staves.

Musical score for the third system, featuring four staves: Vln. I, Vln. II, Vla., and Vc. The score includes dynamics (pp, p, mf), articulation (sul pont.), and vibrato markings (vib.). The frequency information for each instrument is provided above the staves.

5

Vln. I *ord. II* *pp* *f* *pp* *f* *pp* *mf* *vib.* *non vib.* 3

Vln. II *ord. III* *pp* *p* *f* *pp* *f* *pp* *vib.*

Vla. *ord.* *pp* *mp* *p* *pp* *f* *pp* *3*

Vc. *ord.* *pp* *mp* *p* *pp* *6* *mf*

6

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

Vln. II *sf pp* *mf* *sfp* *f* *mf* *pp* *mf* *p* *simile*

Vla. *sf pp* *mf* *sfp* *f* *mf* *pp* *mf* *p* *simile*

Vc. *sf pp* *mf* *sfp* *f* *pp* *harmonics* *gliss.*

7

Vln. I *pp* *f* *p* *ff* *sff* *ff* *sff* *vib.* *vib. molto*

Vln. II *pp* *f* *sfp* *ff* *sff* *ff* *sff* *vib.* *vib. molto*

Vla. *pp* *f* *sfp* *ff* *ff* *sff* *vib.* *vib. molto*

Vc. *pp* *f* *sfp* *ff* *ff* *sff* *vib.* *vib. molto*

8

Vln. I *ppp marcato* III *sff* *sff* *sff* *sff* *sff* *pizz.* *arco* III *pp marcato* *sff*

Vln. II *sff* *sff* *sff* *sff* *sff* *pizz.* *arco* IV *pp marcato* *sff*

Vla. *sff* *sff* *sff* *sff* *sff* *pizz.* *arco* *sff*

Vc. *sff* *sff* *sff* *sff* *sff* *pizz.* *arco* *sff*

9

Vln. I *pp* *sff* *pizz.* *arco* III *poco gliss.* *vib.* *mf*

Vln. II *pp* *sff* *p* *f* *poco gliss.* *vib.* *mf*

Vla. *sff* *p* *f* *mf* *sf* *sf* *sf*

Vc. *sff* *p* *f* *pizz.* *p* *p*

10

Vln. I *vib.* *sff* *f* *sff* *f* *sf* *sf*

Vln. II *vib.* *sff* *f* *sff* *f* *sf* *sf*

Vla. *sf* *sff* *f* *sff* *p* *poco gliss.* *vib.* *f*

Vc. *arco* III *sff* *f* *arco* II *sff* *pp* *f*

11

Vln. I *marcato* *p* *f* *pizz.* *p* *arco* *sf* *f*

Vln. II *marcato* *p* *(quasi gliss.)* *f* *marcato* *p* *marcato* *f* *marcato* *pp*

Vla. *III* *II* *III* *II* *(quasi gliss.)* *III* *marcato* *pp*

Vc. *pizz.* *p* *arco* *f* *pp* *III* *II* *f* *marcato* *f* *pp*

(non arpeggio)

12

Vln. I *ff* *fp* *ff* *p* *mf* *f*

Vln. II (non arpeggio) *ff* *f* *ff* *p* *mf* *f*

Vla. *II* *III* *f* *f* *ff* *pp* *marcato?* *f*

Vc. *II* *f* *ff* *5* *ff* *harmonics gliss.* *f > p* *pp* *marcato* *f*

13

Vln. I *ff* *ff* *pp* *ff* *ff*

Vln. II *ff* *p* *ff* *pp* *ff* *ff*

Vla. *ff* *p* *ff* *pp* *ff* *ff*

Vc. *ff* *III, II* *p* *ff* *pp* *ff* *ff*

Adagio ♩ = 54

III

tremolo ritardando

Vln. I II

Vln. II III

Vla. III vib.

Vc. IV vib.

pp cresc. f pp pizz. mf f p

pp cresc. f pp mf

pp f p pizz. arco pp 5 mf

pp f p pizz. arco pp 5 mf

15 arco

Vln. I III

Vln. II IV

Vla. II

Vc. arco IV

pp cresc. f p pizz. arco sul pont. ord. pp 5

pp cresc. f mf pp 5

pp f p pizz. arco sul pont. ord. pp 5

pp f p pizz. arco sul pont. ord. pp 5

pp f p pizz. arco pp 5 mf

16

Vln. I mf mp

Vln. II mf mp

Vla. arco II mf mp

Vc. III II I p f mf mp p dim. morendo

ca. 6 sec.

repeat ad lib. e poco a poco ritardando

pp dim. morendo

pp dim. morendo

p dim. morendo

repeat ad lib. e poco a poco ritardando

17

Vln. I *vib.* *ff* *sf* *molto vib.* *ff*

Vln. II *vib.* *ff* *sf* *sff* *sff* *sff*

Vla. *vib.* *ff* *sf* *sul pont.* *sub p* *dim.* *ppp* *sff* *sff* *sff*

Vc. *vib.* *ff* *sf* *sff* *sff* *sff* *vib.*

19 *maestoso* *vib.* *3 vib.* *ff* *3* *vib.* *0* *vib.* *5* *vib.* *p* *cresc.*

Vln. I *ff* *3* *vib.* *p* *cresc.* *vib.*

Vln. II *sul pont.* *p* *cresc. molto*

Vla. *sul pont.* *p* *cresc. molto*

Vc. *fff* *pizz.* *ff* *f cresc.* *3* *sff*

20 *vib.* *fff* *3* *stringendo* *ff* *vib.* *sf* *arco* *pp*

Vln. I *fff* *3* *stringendo* *ff* *vib.* *sf* *arco* *pp*

Vln. II *pizz.* *ff* *3* *P dolce* *arco*

Vla. *pizz.* *fff* *3* *p dolce* *arco*

Vc. *pizz.* *fff* *3* *P dolce* *arco*

21 *dolce* *pp* *mf* *pp* *arco* *pp*

Vln. I *dolce* *pp* *mf* *pp* *arco* *pp*

Vln. II *1* *II* *pizz.* *pp* *mf* *pp* *arco* *pp*

Vla. *1* *II* *pizz.* *pp* *mf* *pp* *arco* *pp*

Vc. *1* *II* *pizz.* *pp* *mf* *p* *pp* *ppp*



Fast ♩ = 84

col legno

Slowly ♩ = ca 56

ord.

Vln. I

Vln. II

Vla.

Vc.

*f*

*p*

*ppp*

harmonic gliss.

Vln. I

Vln. II

Vla.

Vc.

*pp*

*p*

*ppp*

*pp*

*p*

*pp*

*sf*

*ppp*

*pp*

*p*

*sf*

*ppp*

*pp*

*mp*

*ppp*

ord.

col legno

harmonic gliss.

harmonic gliss.

col legno

marcato III

marcato III

col legno

col legno

Vln. I

Vln. II

Vla.

Vc.

*mf*

*ppp*

*f*

marcato

pizz. 3♯



Allegro Vivace ♩ = 96

V

29

Vln. I *pp* *f* *ff* *fff*

Vln. II *pp* *f* *ff* *fff*

Vla. *pp* *cresc.* *ff* *fff*

Vc. *pp* *cresc.* *ff* *fff*

*sul pont.*

*arco sul pont.*

*vib.*

30

Vln. I *f* *sf* *sf p* *ff* *f* *sf* *ff*

Vln. II *f* *sf* *ff* *f* *sf* *ff*

Vla. *f marcato* *sf* *ff* *f* *sf* *ff*

Vc. *f marcato* *sf* *ff* *f* *sf* *ff*

*gettato*

*vib.*

31

Vln. I *f* *quasi gliss.* *pizz.* *arco* *ff* *f*

Vln. II *f* *quasi gliss.* *poco col legno* *p* *ff* *f*

Vla. *f* *quasi gliss.* *II* *ff* *f*

Vc. *f* *quasi gliss.* *III* *ff* *f*

*quasi gliss.*

*pizz. arco*

*poco col legno*

*arco*

*quasi gliss.*

36

Vln. I *sf* *ff* 3 5 6

Vln. II *sf* *ff* 3 5 6

Vla. *sf* *ff* pizz. 3 arco 5 7

Vc. *sf* *ff* II III 5 7

38

Vln. I pizz. *ff* *dim.* 3 *ppp* pizz. *poco rit.* *f*

Vln. II pizz. *ff* *dim.* 3 *ppp* arco harmonics gliss. *ff*

Vla. pizz. *ff* *dim.* 3 *ppp* arco harmonics gliss. *ff*

Vc. pizz. *ff* *dim.* 3 *ppp* pizz. *f*

40 **Andante** ♩=72

Vln. I

Vln. II pizz. 3 5 3 5 *mp* *mf* *f*

Vla. pizz. 3 3 3 3 3 3 3 3 3 3 3 3 *p* *f*

Vc.

41

Vln. I arco *f* harmonics gliss. *poco port.* *mf* *dim.* *p* *pp* *poco rit.*

Vln. II arco *f* harmonics gliss. *poco port.* *mf* *dim.* *p* *pp*

Vla. arco *f* harmonics gliss. *poco port.* *mf* *dim.* *p* *pp*

Vc. pizz. 3 3 3 3 *f* *pp*

Più Allegro ♩ = 108

42

Vln. I *col legno ord.* *III* *III* *III* *III* *sul pont.*

Vln. II *staccato arco* *f* *pizz.* *III* *III* *III* *III* *arco* *ff* *6* *6*

Vla. *arco* *staccato* *f* *III* *III* *III* *III* *ff* *6* *6*

Vc. *arco* *f* *II* *III* *III* *III* *III* *ff* *5* *5* *5*

45

Vln. I

Vln. II *pizz.* *III* *III* *III* *III* *III* *staccato arco* *f* *p* *+* *+* *+* *+* *arco* *ff* *6* *6*

Vla. *arco* *staccato* *mf* *ff* *6* *6*

Vc. *pizz.* *III* *III* *III* *III* *III* *arco* *ff* *5* *5* *5*

48

Vln. I *I,II* *III,IV* *pizz.* *III* *III* *III* *III* *arco* *ff*

Vln. II *I,II* *III,IV* *pizz.* *III* *III* *III* *III* *arco* *ff*

Vla. *I,II* *III,IV* *mp* *ff*

Vc. *I,II* *III,IV* *pizz.* *III* *III* *III* *III* *arco* *ff*

*poco accel.*

Più Allegro ♩ = 120

53

Vln. I *detash* *mf* *f* *sf* *ff* *f cresc. molto*

Vln. II *detash* *mf* *f* *sf* *ff* *sf* *f cresc. molto*

Vla. *detash* *mf* *f* *ff* *f cresc. molto*

Vc. *detash* *mf* *f* *ff* *f cresc. molto*

II, III harmonics gliss.

poco accel.

Più Allegro ♩ = 132

57

Vln. I *fff*

Vln. II *fff*

Vla. *fff*

Vc. *fff*

Andante ♩ = 72

(non vib.)

Più Allegro ♩ = 144

60

Vln. I *fp* *f* *ff* *sf*

Vln. II *pizz.* *mf* *pp* *arco* *f* *ff* *pizz.* *arco* *3* *+*

Vla. *pizz.* *mf* *pp* *arco* *ff* *3* *sff*

Vc. *pizz.* *mf* *pp* *arco* *ff* *3* *sff*