

Yuko Ohara

***Crystallization
for string quartet
(2010-11)***

Appendix -for string techniques-

	harmonics		quarter-tone higher
	scordatura harmonics		quarter-tone lower
	scordatura pitches		three quarter-tone higher
	batt.		three quarter-tone lower
	harmonics batt.		very strong bow pressure
	scordatura harmonics batt.		poco a poco bow pressure
	tremolo (as fast as possible)		poco a poco bow flautato
	harmonics sound for Vln. I and Vln.II		
	behind the bridge		
	Bartók pizz.		
	pizz. with nails		

Crystallization -for string quartet-

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[illegible][illegible]

[illegible]

Violin I (Vln. I): Measure 13 starts with a 13-measure rest, followed by a quarter note G4 (IV) with *sfz*. Measure 14 has a quarter note G4 (III) with *sfz*. Measure 15 has a quarter note G4 (IV) with *sfz* and *pp*. Measure 16 has a quarter note G4 (IV) with *pp* and *mf*.

Violin II (Vln. II): Measure 13 has a half note G4 (IV) with *mp* and *pp*. Measure 14 has a half note G4 (IV) with *sfz* and *pp*. Measure 15 has a half note G4 (III) with *mf*. Measure 16 has a half note G4 (IV) with *mp* and *pp*, and a half note G4 (III) with *mf*.

Viola (Vla.): Measure 13 has a quarter note G4 (III) with *sfz*. Measure 14 has a quarter note G4 (IV) with *sfz*. Measure 15 has a quarter note G4 (III) with *pp* and *sfz*, and a quarter note G4 (IV) with *mf* and *pp*. Measure 16 has a quarter note G4 (IV) with *pp* and *mf*.

Violoncello (Vc.): Measure 13 has a quarter note G4 (IV) with *sfz*. Measure 14 has a quarter note G4 (IV) with *sfz* and *pp*. Measure 15 has a quarter note G4 (IV) with *sfz* and *pp*. Measure 16 has a quarter note G4 (IV) with *pp*.

Violins I and II, Viola, and Violoncello, measures 16-18. The score is in 3/8 time, with a key signature of one sharp (F#). The measures are marked with a large '3' and a '4' above the staff, indicating a 3-measure phrase. The dynamics range from *ff* (fortissimo) to *pp* (pianissimo). The Violins I and II parts feature a triplet of eighth notes in measure 16, marked *ff* and *batt. with harmonics*. The Viola part features a triplet of eighth notes in measure 16, marked *ff* and *batt. with harmonics*. The Violoncello part features a triplet of eighth notes in measure 16, marked *ff* and *batt. with harmonics*. The measures are marked with a large '3' and a '4' above the staff, indicating a 3-measure phrase. The dynamics range from *ff* (fortissimo) to *pp* (pianissimo). The Violins I and II parts feature a triplet of eighth notes in measure 16, marked *ff* and *batt. with harmonics*. The Viola part features a triplet of eighth notes in measure 16, marked *ff* and *batt. with harmonics*. The Violoncello part features a triplet of eighth notes in measure 16, marked *ff* and *batt. with harmonics*.

(2+3) moltissimo pont.

Vln. I 19 **3** **5** **16** **3**

Vln. II **3** **5** **16** **3**

Vla. **3** **5** **16** **3**

Vc. **3** **5** **16** **3**

sfz *sfz* *sfz* *mp* *mp* *mf* *mp*

pp *sfz* *sfz* *mp* *mf*

batt. with harmonics

ord.

ff *sfz* *ff* *mp* *mf*

22 **3** **5** **16** **3** **4**

Vln. I **3** **5** **16** **3** **4**

Vln. II **3** **5** **16** **3** **4**

Vla. **3** **5** **16** **3** **4**

Vc. **3** **5** **16** **3** **4**

ff *sfz* *pp* *mp* *mp* *mf*

ff *sfz* *sfz* *pp* *pp* *pp*

batt. with harmonics

sul pont.

gliss.

pizz. with nails

arco sul pont.

ff *sfz* *pp* *mp* *pp* *pp*

[illegible]

Violin I, Violin II, Viola, and Violoncello parts, measures 28-30. The score includes various performance instructions such as "batt. with harmonics", "pizz. with nails", "arco, sul pont.", "sfz", "pp", "gliss.", and "tremolo with wrist". The time signature changes from 3/8 to 4/8 at measure 29.

(2+3+3+3)

11
16

Vln. I *sfz* *sfz* *mf* *moltissimo pont.* *9*

Vln. II *sfz* *mf* *moltissimo pont.* *3* *6* *3* *6* *3* *6*

Vla. *mp* *ord.* *sul pont.*

Vc. *sfz* *mp* *ord.*

4
8

Vln. I *sfz* *ff* *sfz* *gliss.* *3* *sfz*

Vln. II *sul pont.* *IV* *I* *pizz. with nails* *IV arco* *sfz* *I* *pizz. with nails* *arco*

Vla. *pizz. with nails* *arco* *pizz. with nails* *arco* *III* *IV* *sfz* *sfz*

Vc. *sul pont.* *II* *gliss.* *batt.* *3* *I* *sfz* *ff* *sfz*

harmonics batt.

41 **4/8** III IV **5/16** IV **6/8** rit. **3/8**

Vln. I *f*

Vln. II *mf* moltissimo pont. *pp* sul pont.

Vla. *ff* pizz. with nails arco

Vc. *ff* pizz. with nails

D ♩ = 54 col legno tratt. **3/8** I II **4/8** I II III I III II I III II **6/8** 1 ord. **7/16** sul pont. **3/8**

Vln. I *pp* *ppp* *sfz* *ppp* 5 5 5

Vln. II *sfz* *ppp* 5 5

Vla. *gliss.* *sfz* I

Vc. *mp* *sfz* *gliss.* *pizz.* *gliss.*

-----> sul pont.

5
16

3
8

3
16

sul pont. -----> sul pont. molto sul pont.

gliss.

3
8

sul pont.-----> sul pont. molto sul pont.-----> sul pont. sul pont.-----> ord. **4**
8

gliss.

gliss.

gliss.

Vln. I

sul pont. -----> molto sul pont.

gliss.

pizz.

arco IV

sfz

Vln. II

Vla.

3
16 + 16

II

sfz

Vc.

behind the bridge

sfz

III

sfz

pizz.

F

4
8

ff

behind the bridge

mp

III

mp

IV

mp

III

arco

Vln. I

Vln. II

Vla.

Vc.

rfz

61

Vln. I

mf

Vln. II

mf

III

III moltissimo pont.

IV III II I

Vla.

mf

Vc.

IV

mf

4/8

III

III moltissimo pont.

IV

mf

[illegible]

65

Vln. I

moltissimo pont.

IV

6

4

8

6

6

6

6

Vln. II

moltissimo pont.

III

6

6

6

Vla.

moltissimo pont.

1

6

6

6

sul pont.

Vc.

3

5

5

5

mf

G

67

Vln. I

f

moltissimo pont.

6

mf

gliss.

6

6

6

6

2

8

sul pont.

III

3

5

f

Vln. II

f

moltissimo pont.

6

gliss.

sul pont.

3

5

f

Vla.

f

3

5

mf

5

5

5

moltissimo pont.

6

6

6

Vc.

ff

mf

ff

mf

70 **3/8** moltissimo pont. **4/8**

Vln. I *ff*

Vln. II *ff*

Vla. *ff* moltissimo pont. *gliss.*

Vc. *ff*

sul pont.

72 **4/8** moltissimo pont. *gliss.* **6/8**

Vln. I *mp*

Vln. II *mp* *ff*

Vla. *mp* moltissimo pont. *gliss.*

Vc. *mp*

sul pont.

H ord. $\text{♩} = 72$

Vln. I **6/8** **4/8** **6/8** **5/8** **4/8**

Vln. II **6/8** **4/8** **6/8** **5/8** **4/8**

Vla. **6/8** **4/8** **6/8** **5/8** **4/8**

Vc. **6/8** **4/8** **6/8** **5/8** **4/8**

fff ord. *sfz* *sfz* *sfz* *sfz*

bow pressure

Vln. I **4/8** **3/8** **5/8** **(2+3)**

Vln. II **4/8** **3/8** **5/8** **(2+3)**

Vla. **4/8** **3/8** **5/8** **(2+3)**

Vc. **4/8** **3/8** **5/8** **(2+3)**

sfz *sfz* *sfz* *sfz*

Vln. I **5/8** **4/8** **3/8**

Vln. II **5/8** **4/8** **3/8**

Vla. **5/8** **4/8** **3/8**

Vc. **5/8** **4/8** **3/8**

f *f* *f* *f*

poco a poco sul pont.

pee-a poco sul pont.

92 **6/8**

Vln. I *pizz.* *arco*

Vln. II *ppp* *pizz.* *arco*

Vla. *pizz.* *ppp* *arco, dolce*

Vc. *arco*

J ♩ = 54

95 **6/8** **4/8** **6/8** **7/16**

Vln. I *sul pont.* *pp* *as fast as possible*

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

Vla. *sul pont.*

Vc. *sul pont.* *I* *sfz*

98 **7/16** **5/8** **9/16** **4/8**

Vln. I *pp* *as fast as possible* *gliss.* *jéte*

Vln. II *gliss.* *jéte*

Vla. *IV* *as fast as possible* *pp*

Vc. *sul pont.* *sfz*

101 **4/8** **5/16** **3/8** **3/16**

Vln. I *pp* *gliss.* *gliss.* *gliss.*

Vln. II *as fast as possible* *pp* *gliss.* *jéte* *as fast as possible* *pp*

Vla. *as fast as possible* *pp* *pp* *as fast as possible* *pp*

Vc. *sfz* *ord.* *sfz*

5 *5*

K

104 **3/16** **3/8** **5/16** **3/8**

Vln. I *gliss.* *gliss.* *ord.* *sfz* *sul pont.* *5* *5* *jéte*

Vln. II *gliss.* *jéte* *gliss.* *jéte* *gliss.* *jéte*

Vla. *II* *ord.* *sfz* *sul pont.* *5* *5* *III*

Vc. *sul pont.* *III* *III* *II* *III*

5 *3* *3* *3* *5* *5*

107 **3/8** **3/16** **6/16** **4/8**

Vln. I *sfz* *5* *5* *jéte* *jéte*

Vln. II *gliss.* *jéte* *gliss.* *gliss.* *gliss.*

Vla. *IV* *sfz* *5* *III* *sfz* *5*

Vc. *3* *3* *3* *3* *3* *3*

110 **4/8** ord. **6/8** **4/8** **6/8** sul pont. as fast as possible **4/8**

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

Vln. II ord. *ff* *pp* *ff* *pp* *ff*

Vla. *subitof* *pp* *ff* *pp* *ff*

Vc. *subitof* *ff* *pp* *ff* *pp* *ff*

sul pont. as fast as possible

sul pont. as fast as possible

sul pont. as fast as possible

sul pont. as fast as possible

sul pont. as fast as possible

L

114 **4/8** ♩ = 90

Vln. I *subitoppp* *mp*

Vln. II *subitoppp* *mp*

Vla. *subitoppp* *mp*

Vc. *subitoppp* *mp*

117

Vln. I *f* *mf*

Vln. II

Vla. 9 7 7

Vc. 6 6 6 6

120

M

batt.

Vln. I *f* *mf* *mp*

Vln. II *pp* *mp*

Vla. *pp* *mp* IV

Vc. *pp* *mp*

123

Vln. I *f* *mf*

Vln. II *f* *mf*

Vla. *f* *mf*

Vc. *f* *mf*

126

Vln. I *mf*

Vln. II *mf* batt.

Vla. *mf*

Vc. *mf*

