

In a Milan Garden

for ensemble

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(2017)

Written for Ensemble Korea and the New York New Music Ensemble

Instrumentation:

Bass Flute
Piano
Perucussion
Geomungo
Eight-stringed Sanjo Ajaeng

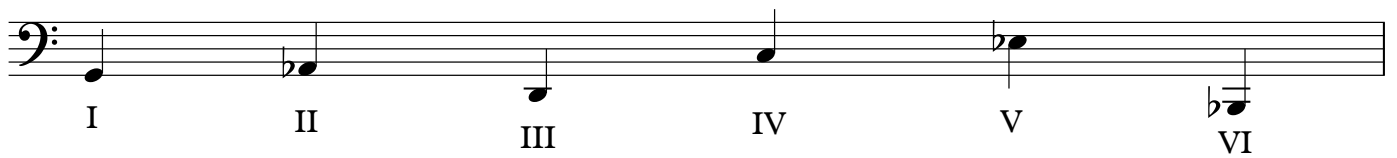
The score is transposed.

Duration - 8 min.

Performance Notes

Tunings for Geomungo and Ajaeng

Geomungo



Eight-stringed Sanjo Ajaeng

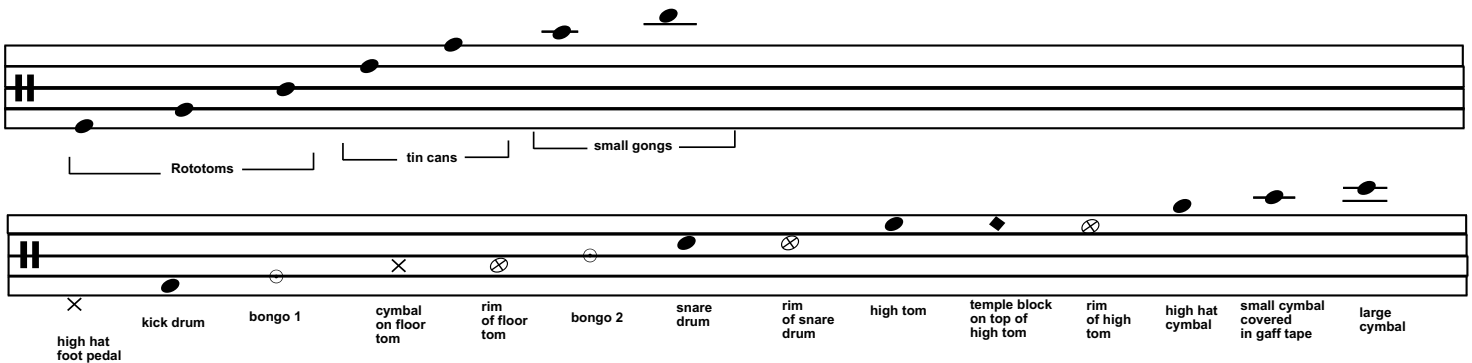


Performance Notes

Percussion List:

- +kick drum
- +snare drum with three pieces of gaffer tape placed across the drum head, running from one rim to the other. These will be removed during the course of the piece.
- + floor Tom
- +high tom
- +large cymbal with two pieces of gaffer tape (around 1/2 foot long) placed on two locations towards the edge of the cymbal. These will be removed during the course of the piece.
- +small cymbal with three pieces of gaffer tape placed across the entire body of the cymbal. This should close to completely deaden the cymbal
- +small cymbal, stacked on top of the floor tom. The cymbal should be small enough so its edges are touching the drum head completely.
- +high hat: for the top cymbal use a regular high hat cymbal; for the lower cymbal use a 10" or 11" bell cymbal (Sabian alu bell cymbals work particularly well) This should result in a much darker, choked timbre (when using the high hat pedal)
- +temple block, placed on top of the high tom towards the rim so as to leave enough space to strike the drum head as well.
- +three rototoms
- +two bongos
- +two tin cans with different pitches
- +two small gongs (8" - 12")
- +almglocken: A3 A#3 C4 C#4 D#4 E4 F4 F#4 G#4 A4 A#4 B4 C5 C#5
- +one plastic bag filled with at least two sets each (the more the better) of ankle bells and chajchas. These are available from the composer on request.
- +drum sticks
- +brushes
- +felt mallets
- +very soft mallets
- +super ball
- +triangle beater

Key:



Bass Flute

Vocal symbols:

[x], [th], [sh] Use the indicated vowel sound to articulate the attack. Sustain for the given duration

[x(a)] Sustain the fricative consonant and the vowel in the parentheses

[x(a)] → x[(u)] Gradually move from one phoneme to another over the given duration

Here is a guide to some of the more unusual phonemes used:

x = IPA: χ german *doch*, Dutch *goed*

w = IPA: w like English *water*, but voiceless

xw = simultaneously [x] and [w], similar to english *wh*

e = IPA: ə english *father*

r = IPA: r rolled r, (italian or russian, not French or German)

***[p] and [k] should be aspirated: "puh" and "kuh"

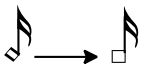
Noteheads:



covered embouchure. Direct all the sound into the flute instead of over it.



a quasi-covered embouchure. Half way between a normal open embouchure and a covered embouchure. The result should be a mixture of pitch and phoneme noise



gradual transition between different embouchures over a given duration.

Two Stave System

In passages where the voice and hands move independently of each other, they have been decoupled into two separate staves. The top staff indicates fingerings, and the lower staff is used to indicate different spoken phonemes. The two staves only appear in passages where phonemes are spoken. For primarily pitched playing, one staff is always used.

Glissandi

Glissandi from one indicated pitch to another indicated pitch should be treated as fast scalar runs or grace notes. Their velocity corresponds to the indicated duration.

Glissandi trailing from an attack should be played as pitch bends. In this case, no ending pitch will be indicated, only the pitch of the initial attack.

13

B. Fl. *fp* *fp* *ffpp* *mf* *p* *ff* *n* *f* *n* *3*

Perc. *mf* *f* *snare off* *p* *f*

Pno. *ppp* *n* *n* *pp* *n* *ppp* *n* *l.v.* *l.v.* *l.v.* *pp*

gradually lift pedal

Geomungo *n* *5* *ff* *p* *f* *p* *ff* *p*

Eight-stringed Sanjo Ajaeng *p*

A

16

B. Fl. *ff* *p* *subito* *n* *f* *p* *ff* *n* *p*

Perc. *f* *mf* *blend with ajaeng*

Pno. *n* *ppp* *n* *ppp* *l.v.*

gradually lift pedal

Geomungo *f* *p* *ff* *p* *ff* *p*

Eight-stringed Sanjo Ajaeng *n*

A

+ring *bend*

19

B. Fl. *pp* *mfpp* *f* *n* *ff* *mf* *n*

Perc. *snare on* *p* *ffpp* *p* *snare off* *p* *f* *snare on*

Pno. *ppp* *n* *n* *pp* *n* *n* *ppp* *n* *n* *pp* *l.v.* *l.v.* *l.v.*

sober snare edge of symbol with the back of the drum stick

Geomungo *f* *p* *f* *p*

Eight-stringed Sanjo Ajaeng *n* *p*

blend with piano

B

Musical score for measures 23-26, featuring B. Fl., Perc., Pno., Geomungo, and Eight-stringed Sanjo Ajaeng. Dynamics include *f*, *fp*, *p*, *mp*, *pp*, and *n*. A 'single strike mallet' instruction is present for the flute. A 'snare off' instruction is present for the percussion.

*m. 24 - 33, pitches indicate how the string should be pushed; achieving the exact frequency is not important

Musical score for measures 27-30, featuring B. Fl., Perc., Pno., Geomungo, and Eight-stringed Sanjo Ajaeng. Dynamics include *f*, *p*, *mp*, and *mf*. A 'transition' is marked for the flute. A 'snare on' instruction is present for the percussion.

Musical score for measures 31-33, featuring B. Fl., Perc., and Eight-stringed Sanjo Ajaeng. Dynamics include *mf*, *p*, *fp*, and *ff*. A 'single strike mallet' instruction is present for the flute.

*m. 34 - 41: exact pitches are important

Musical score for measures 34-41, featuring B. Fl., Perc., and Eight-stringed Sanjo Ajaeng. Dynamics include *fp*, *f*, *pp*, *ff*, *p*, and *n*. A 'snare on' instruction is present for the percussion. A 'very fast narrow vibrato' instruction is present for the Sanjo Ajaeng.


B. Fl. 


Perc. 


Pno. 


Geomungo 


Eight-stringed Sanjo Ajaeng 

B. Fl. 

Perc. 

Pno. 

Geomungo 

Eight-stringed Sanjo Ajaeng 

*m. 42 - 50: pitches indicate how the string should be pushed: achieving the exact frequency is not important

B. Fl. 

Perc. 

Pno. 

Geomungo 

Eight-stringed Sanjo Ajaeng 

48

B. Fl. *p* *f* *p* *f* *rit.* 5

Perc. *remove gaffer tape from snare drum head and large sycmbal snare off

Pno.

Geomungo *p* *ff* *p* *ff* *p* *mf* *f*

Eight-stringed Sanjo Ajaeng *f* *ff* *mf* *f* *mp* *f*

D

52

B. Fl. *f* *p* *fff* *non dim.*

Perc. Hand 1: drum stick, brush Hand 2: super ball mallet, triangle beater
fff *p* *f* *fff* *mf* *n*

Pno. *mp* *f*

Geomungo *f* *p* *mf* *f* *p* *f*

Eight-stringed Sanjo Ajaeng *f* *p* *f*

D

acc. = 66 accel. = 100

55

B. Fl. *fff* *non dim.* *[a(4)]* *[a(0)]* *p* *mp* *pp* *mp* *p* *ppp*

Perc. *fff* *non dim.* *[a(4)]* *[a(0)]* *p* *mp* *pp* *mp* *p* *ppp*

Pno.

Geomungo *p* *mp* *pp* *mp* *p*

Eight-stringed Sanjo Ajaeng *p* *f* *ppp* *molto sul pont.* *mf* *ppp* *ff* *ppp*

*m. 55 - m. 57 hollow tones. Direct the air slightly higher than usual across the flute and open the inside of the mouth and throat

*m. 56-58, pitches indicate how the string should be pushed; achieving the exact frequency is not important

59 sim.

B. Fl.

Perc.
 scrape w/rip of drum stick to produce a rich, harmonic screech
 whisper ball near rim
 :mp n **ffz** n p n

Geomungo

Eight-stringed Sanjo Ajaeng
 ord. molto sul pont. **ff** **PPP** **ff** **PPP** **mp** **PPP** **ff** **PPP** **ff** **PPP**

63 hollow timbre. Direct the air slightly higher than usual across the flute and open the inside of the mouth and throat

B. Fl.

Perc.
 rub back and forth very fast w/brush
 scrape whails around the edge of drum head
 whisper ball near the rim
 cross stick
 rub w/brush in circular motion
 n **PPP** n p **f** **f** p **f**

Geomungo

Eight-stringed Sanjo Ajaeng
 ord. molto sul pont. **ff** **PPP** n **mp** **f**

66

B. Fl.

Perc.
 whails heavy beating
 rub back and forth very fast w/brush
 scrape w/rip of drum stick
 whisper ball near rim
 w/triangle beater scrape sample block tip - buzz
 scrape whails
 whisper ball: move in a spiral from the center of the drum head outwards to the rim
 whisper ball: move in a spiral from the center of the drum head outwards to the rim
 whisper ball: resulting sound should be as uniform and un-interrupted as possible
 whisper ball: buzz
 n **f** **p** **f** **fff** non dim. n **f** **p** **f** **f** **f** **f** **f** **f** **f** **f** **f** **f** **f** **f**

Pno.

Geomungo

Eight-stringed Sanjo Ajaeng
pp

69 hollow timbre

B. Fl.

Perc.
 whisper ball clear tone rub near the rim
 scrape w/rip of drum stick soft metallic screech
 whisper ball rub near the center
 mp p **f** **pp** n **ff** n

Pno.

Geomungo

Eight-stringed Sanjo Ajaeng
 molto sul pont. ord. molto sul pont. **ppp** **ff** **ppp** **ff** **mp**

E

subito

♩ = 80

as legato as possible

B. Fl. *pp* *pp* 7

Perc.

Pno. *pp*

Geomungo *pp* *pp*

Eight-stringed Sanjo Ajaeng *mp* *p* *mp*

E

B. Fl. *fff* *non dim.* [x(a)] [x(o)]

Perc. *p* *fp* *f* *mf* *f* *f* *f*

Pno. *f*

Geomungo *ppp* *p* *f* *p*

Eight-stringed Sanjo Ajaeng *p* *pp* *fff*

w/brush
whisper ball
bass

scrape w/rip
of drum stick

scrape w/whisk

F subito

♩ = 105 - 110: slightly faster

Airy timbre: open embouchure
a little more than usual to create
a less focused sound

B. Fl. *pp* *mpz* *f*

Perc.

Pno. *pp* *pp* *mp* *ppp* *f* *p* *mf*

Geomungo *pp* *fppp* *p* *n* **F** *p*

Eight-stringed Sanjo Ajaeng *mp* *p* *n* *mp*

as legato as possible

84

B. Fl. *ord. timbre*

Perc.

Pno. *pp* *ff*

Geomungo

Eight-stringed Sanjo Ajaeng



87

B. Fl. *Airy timbre*

Perc.

Pno. *fff* *mp* *f* *mf*

Geomungo

Eight-stringed Sanjo Ajaeng

pp subito

n < f > n *n < pp > n* *n < f > n* *n < mf > n*

m. 90 - 95: exact pitches important



G *subtio*
♩ = 100

91

B. Fl. *inhale*

Perc.

Pno. *f*

Geomungo

Eight-stringed Sanjo Ajaeng

G

95

B. Fl. *[s(e)] [s(e)] [s(e)]*

Perc. *[s(e)] [s(e)]*

Pno. *mf*

Geomungo *n f n f p*

Eight-stringed Sanjo Ajaeng *n f n f p*

99

B. Fl. *[s(e)] [s(e)] [s(e)]*

Perc. *switch one hand to felt mallet* *felt mallet and drum stick*

Pno. *f*

Geomungo *fast, wide vibrato* *ff*

Eight-stringed Sanjo Ajaeng *ppp*

103

B. Fl. *[s(e)] [s(e)] [s(e)] [s(e)]* *hollow timbre* *f* *mp*

Perc. *almglocken* *felt mallet* *lv.* *lv.* *drum stick* *p*

Pno. *pp* *mp*

Geomungo *subito p* *H*

Eight-stringed Sanjo Ajaeng *ff* *sub. point. very fast trem. vibrato* *n* *fp*

107

B. Fl. *mp* *non dim.* *n* *< mp*

Perc.

Pno. *p* *pp*

Geomungo

Eight-stringed Sanjo Ajaeng *n* *fp*

sul pont.
very fast narrow vibrato



111

B. Fl. *p* *mp* *pp*

Perc. *n* *f* *f* *f*

Pno. *f*

Geomungo

Eight-stringed Sanjo Ajaeng *n* *fpp* *sim.* *sim.* *ost.* *p < mp* *n*

sul pont.
very fast narrow vibrato

scrape w/rip of drum stick to produce a rich, harmonic screech

scrape rim w/triangle beater

w/upper ball tone rim

strike temple block with drum stick

scrape w/hammer beater in a zig-zag pattern



115

B. Fl. *ppp* *mf* *pp* *fff* *p* *ppp*

Perc. *f*

Pno. *f* *mp* *f* *pp*

Geomungo

Eight-stringed Sanjo Ajaeng *f* *f* *p* *fp*

oud. timbre

rub back and forth very fast w/brush

w/upper ball near rim

rub with focus pressure to create a buzzing "teacher" effect

switch to drum sticks only

drum sticks

sho

very fast narrow vibrato

118

B. Fl.

Perc.

Pno.

Geomungo

Eight-stringed Sanjo Ajaeng

f *mf* *p* *f* *p* *f*

very fast narrow vibrato

*m. 118-121, pitches indicate how the string should be pushed; achieving the exact frequency is not important

Felt Mallet
snare off

122

B. Fl.

Perc.

Pno.

Geomungo

Eight-stringed Sanjo Ajaeng

pp *f* *ppp* *pp*

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

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

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

p f *pp* *f*

tune down

tune up

tune down

tune up

strike temple block

bully mallet cymbal with hand

tremolo

very fast narrow vibrato

*exact pitch important

125

B. Fl.

Pno.

Geomungo

Eight-stringed Sanjo Ajaeng

n *mp* *fp* *mp* *mf* *p* *mp*

p *mp* *fp* *mp* *mf* *p* *mp*

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

p *mp* *pp* *mp*

hollow timbre

tremolo as fast as possible

very fast narrow vib.

128

B. Fl. *bright timbre: rich harmonics. Angle the air slightly more into the flute*
no vibrato
hollow timbre

Pno. *pppp*
tr
pp
< p > pp
p > pp

Geomungo *n*
mp
slow wide vib.
pp
n
p
n
mp
pp

Eight-stringed Sanjo Ajaeng *p < f*
p < f
p < f
mp
ff
p subito
mf

132

B. Fl. *bright timbre: rich harmonics. Angle the air slightly more into the flute*
no vibrato
mf

Perc. *very soft mallets*
ppp
ppp
pp
< p >
ppp
n

Pno. *pp*
tr
gradually lift pedal
pppp
p
ppp
pp
ppp

Geomungo *mp*
pp
fast wide vib.
mp

Eight-stringed Sanjo Ajaeng *mf*
p < f
p < f
p < f
mp
ff

136

B. Fl. *hollow timbre*
with as little vibrato as possible: mechanically and uncaring
p subito

Perc.

Pno.

Geomungo *mp*
as fast and soft as possible
ppp
n
very fast narrow vib.
p

Eight-stringed Sanjo Ajaeng *mf*

139

B. Fl. *bright timbre no vibrato*
mf

Perc. *felt mallets*
n *ppp*

Pno. *ppp* *p*

Geomungo *slow wide vibrato* *tremolo*
pp *mp*

Eight-stringed Sanjo Ajaeng *mf n* *f* *n* *mp p* *mf n* *f* *n* *mp p* *mf n* *f* *n* *mp p*

142

B. Fl. *ued. timbre*
f *p* *n* *mp* *pp* *p* *f* *p* *f* *p* *f* *p* *f* *p* *f* *p*

Perc. *f* *strike temple block* *fully mute cymbal with hand* *tune down* *tune up*

Pno. *ppp* *f* *p* *f*

Geomungo *f*

Eight-stringed Sanjo Ajaeng *mf n* *f* *n* *mp p* *mf*

145

B. Fl. *bright timbre no vibrato*
f *p* *sf* *mf*

Perc. *tune up* *(small gongs)* *pp* *pp*
almglocken *p*

Pno. *p* *f* *mf* *f*

Geomungo *p* *f* *n*

Eight-stringed Sanjo Ajaeng *n* *f* *mp* *n* *mf n* *f* *n* *mp* *f* *p*

M hollow timbre
with as little vibrato as possible:
mechanically and uncaring.

bright timbre
no vibrato

148

B. Fl. *p* *mfz*

Perc. *fz* *p* tune down tune up

Geomungo *p* fast wide vibrato

Eight-stringed Sanjo Ajaeng *p* *mfz* m. 150 - 163: exact pitch important

M

+ sing

B. Fl. *p* *mfz* *n*

Perc. (small gongs) *ppp* *ppp* *almglocken*

Geomungo *p*

Eight-stringed Sanjo Ajaeng *p*

N

+ sing

B. Fl. *mfz* *ffz* *p* *fz*

Perc. *ppp* *ppp* *ff*

Geomungo *p* *fz* *p*

Eight-stringed Sanjo Ajaeng *f* *p*

follow the contour of the line, re-attaching at each indicated dot. The lines do not represent slides or glissandi, they only show the contour of the melodic line.

N

+ sing

B. Fl. *fpp* *fmp*

Perc. *f* *p* *ff* *mf* *ff* *p* *3* *3* *3*

Geomungo *p* *mp* *ppp* *ppp* *p*

Eight-stringed Sanjo Ajaeng *f* *fpp* *fmp* *5* *3*

Drop bag of chajchas and ankle bells over drum set, creating a noise of indeterminate duration

Rattle chajchas and ankle bells against drum heads

B. Fl. 163

Perc.

Geomungo 5 *PPP mpz PPP mp PPP*

Eight-stringed Sanjo Ajaeng

B. Fl. 167

Perc.

Geomungo *mpz PPP p PPP P PPP mpz non dim.*

Eight-stringed Sanjo Ajaeng

B. Fl. 171

Perc. → remove chajchas and bells from drum heads snare on

Geomungo

Eight-stringed Sanjo Ajaeng *p n n p n ff*

B. Fl. 175

Perc. Drum Sticks as fast as possible

Geomungo fast wide vibrato fast wide vibrato no vibrato *ff f*

Eight-stringed Sanjo Ajaeng *ff f*

B. Fl. 179

Perc. *mp subito* tune down tune down Felt Mallets *f* tune up

Pno. *non dim. mp*

Geomungo *mp* narrow fast vib. *f mf*

Eight-stringed Sanjo Ajaeng *mf f f mf f mf*

n. 180 - 188 exact pitches important

