

Shadow

for violin and
live electroacoustic music

by
Douglas Geers

Shadow

General Performance Notes:

This work (duration approximately eight minutes) is for violin with live electroacoustic music. The electroacoustic sounds in the work are created via live signal processing of the violin's performance. This is achieved via software created by the composer in the *Max/MSP* composition environment and is available from him upon request (see contact information below.)

Necessary technology:

1. Microphone mounted on violin (preferably DPA 4060)
2. Concert quality mixer, with at least 2 auxillary sends/returns to pass sound to and from computer
3. Macintosh G4 (500mHz or faster, 500 MB RAM minimum)
4. Digital audio interface to connect Macintosh to mixer
5. *Max/MSP* software
6. Douglas Geers' sound processing software for this work
7. Concert quality stereo audio playback system: amplifier and speakers.

Configuration for Concert Performance:

1. Violinist onstage, with microphone attached to violin
2. Audio cable from microphone running to microphone input of mixer (preferably situated in center of audience space)
3. Auxillary out #1 sending signal to Macintosh running *Max/MSP* and Geers' *Max/MSP* software.
4. Software activated; increment DSP setting and cue soundfile playback as indicated in score (see below.)
5. Audio output from Macintosh sent back to mixer, to as many separate channels as possible (minimum two).
6. Mixer set to output the signals from both the violin and the music from computer.
7. All audio signal sent to amplifier and speakers.

Contact Information:

To request additional scores, a recording, or a copy of the software for this work, please contact Douglas Geers:

email: d@dgeers.com

post: 1050 6th Street SE

Minneapolis, Minnesota 55414

U.S.A

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Note: triangle notehead indicates to play highest note possible.

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Violin

A 8-10" 8-10" 8-10" vary timbre
ppp sempre

B 1-2" 4-6" 4-6" sul tasto 4-6" Gliss. 2-3"
pp

C 2-3" 1-3" 2-5" 1-3"
to tremolo to naturale slow from tremolo to long notes
mp *p*

D 2-3" 2-5" 1-2" 1-2" 1-2"
Glissando to sul tasto accel. to tremolo
ppp

E 1-2" 1-2" 1-2" 2-5" pizz.
slow to... (repeat ad lib.)
p

F 1-2" 2-3" 2-5" to sul pont
arco, sul tasto to naturale expand vib. to +/- maj. 3rd
ppp *p* *ff*

Shadow 4-6"

[G] *pizz., sul pont*
quick, unmeasured; vary motives' order; move pitch up & down within highest playable maj. 3rd

30 2-5"

vary dynamic from *ppp* to *mf*

slowly gliss. down to F6 10-15"

33 10-15" 3-5"

vary dynamic from *ppp* to *mf* *ppp*

naturale

[H] *sul tasto* 2-5" *Glissando* *Glissando* 5-15"
vary vib. rate & depth; vary timbre

36 3-5" 2-5" 5-15"

ppp *pp*

[I] *gradually slow bow to a stop* 1-3" *arco, sul tasto* 1-2" 1-3" 1-2" *(snap)* 1-4"

39 1-3" 1-2" 1-3" 1-2" 1-4"

n *pp* *ff*

sul pont. 1-3" 3-5" 1-2" 2-4" *repeat several times, varying length*

45 1-3" 3-5" 1-2" 2-4"

ppp *f* *pp* *sfz* *pp*

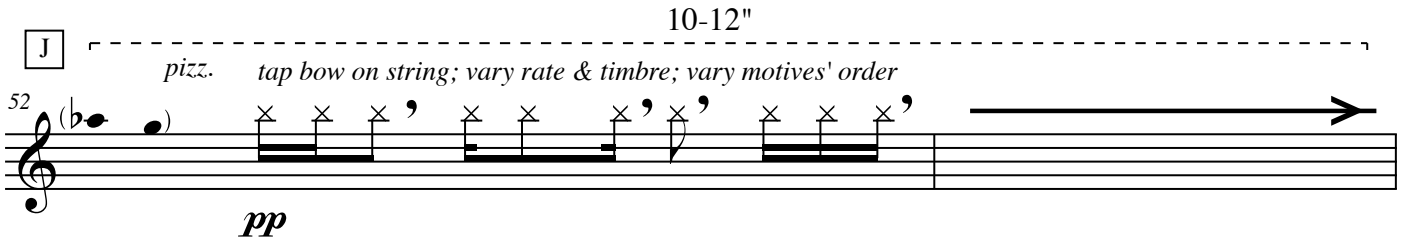
49 1-2" 3-5"

49 1-2" 3-5"

p *f* *ppp*

10-12"

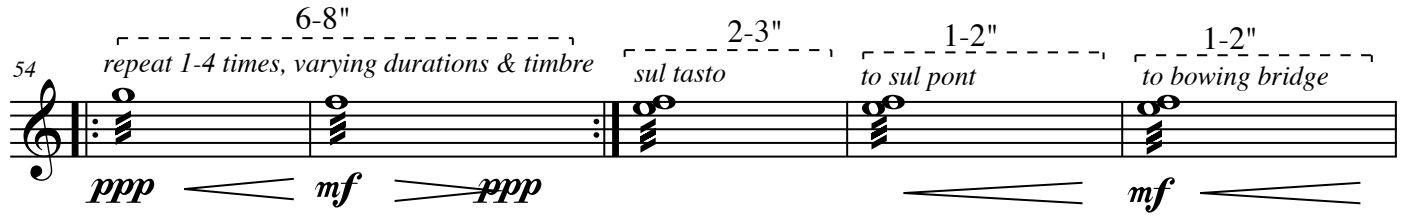
[J] pizz. tap bow on string; vary rate & timbre; vary motives' order

52 

pp

6-8" 2-3" 1-2" 1-2"

54 repeat 1-4 times, varying durations & timbre *sul tasto* *to sul pont* *to bowing bridge*

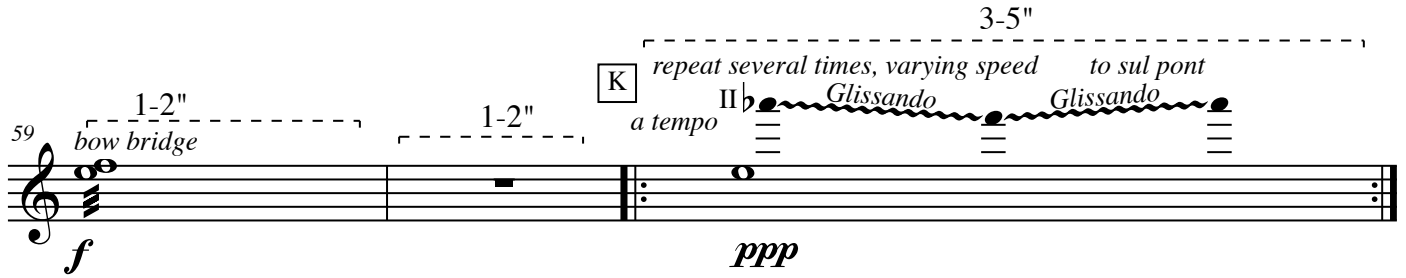


ppp *mf* *ppp* *mf*

3-5"

59 1-2" 1-2" [K] repeat several times, varying speed *to sul pont*

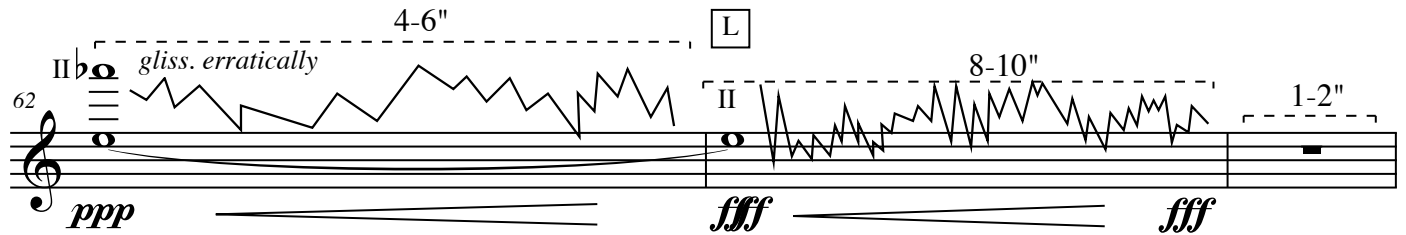
bow bridge *a tempo* *Glissando* *Glissando*



f *ppp*

4-6" 8-10" 1-2"

62 *gliss. erratically* [L] *fff* *fff*

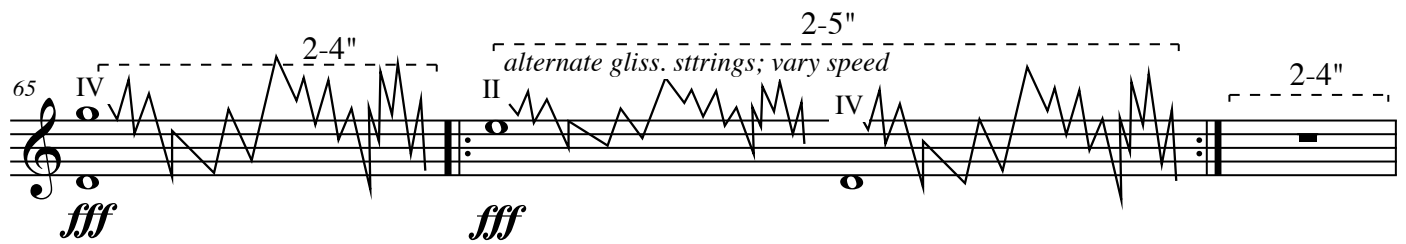


ppp *fff* *fff*

2-4" 2-5" 2-4"

65 *IV* *II* *IV* *fff* *fff*

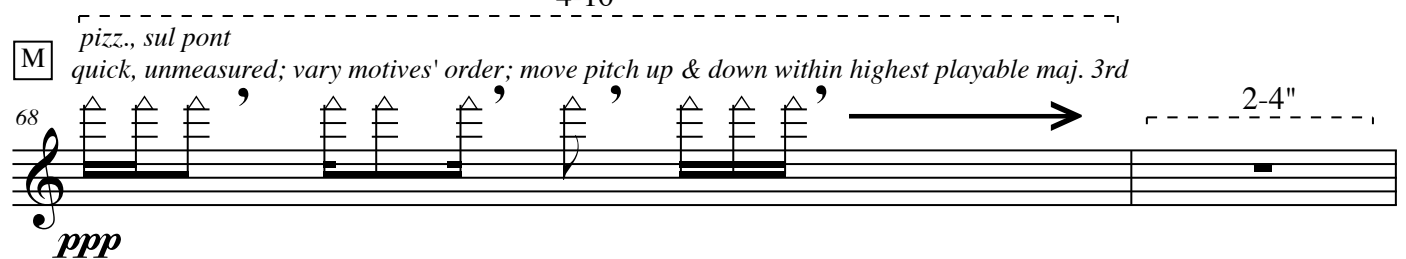
alternate gliss. strings; vary speed



fff *fff*

4-10" 2-4"

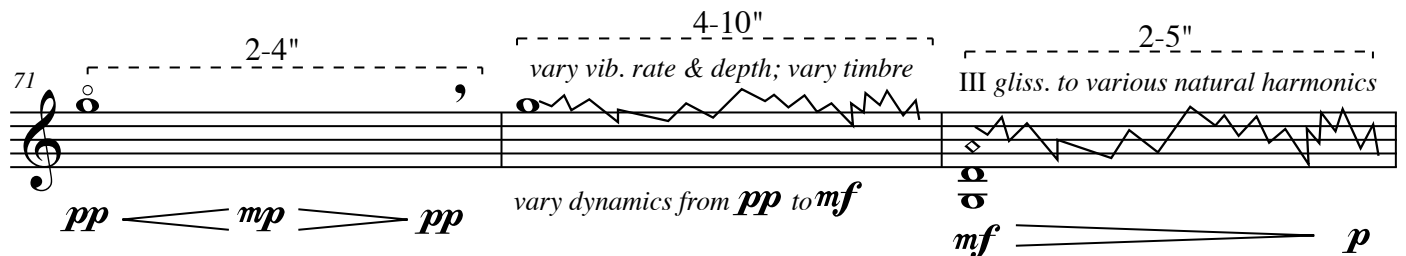
[M] pizz., *sul pont* quick, unmeasured; vary motives' order; move pitch up & down within highest playable maj. 3rd

68 

ppp

2-4" 4-10" 2-5"

71 vary vib. rate & depth; vary timbre vary dynamics from *pp* to *mf* III *gliss. to various natural harmonics*



pp *mp* *pp* *mf* *p*

74 N *pizz., sul pont; vary timing*
repeat 1-5 times 1-2" 2-3" 2-3"
molto sul tasto *to scratch tone*

78 1-3" 1-3" 5-15" 2-5"
scratch tone *repeat 2-6 times; vary timing*
vary timbre from sul tasto to scratch tone

82 O 8-10" 1-4" P 8-10" 8-10"
III gliss. to various natural harmonics *molto sul tasto; vary vib.*

mp *ppp* *mf*
mf *ff* *fff*
pp *fff*
ppp *n*