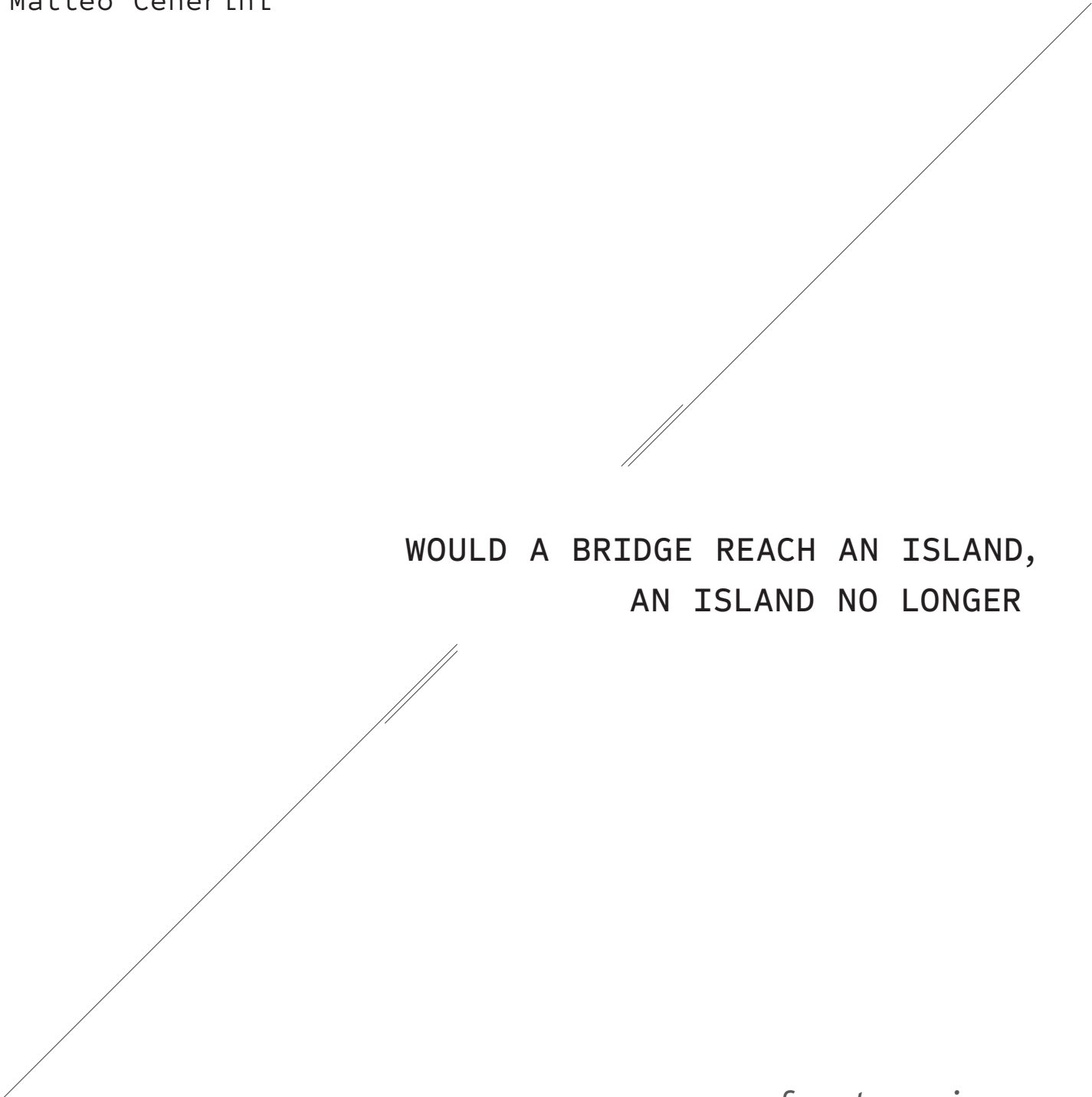


Matteo Cenerini



WOULD A BRIDGE REACH AN ISLAND,
AN ISLAND NO LONGER

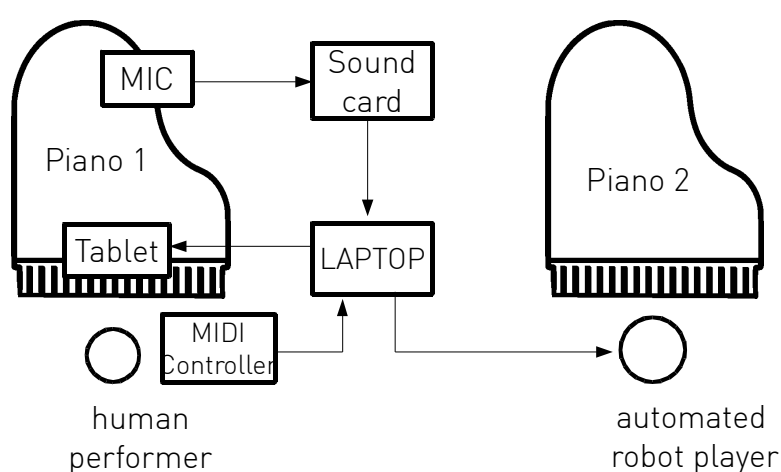
for two pianos
(human player and automated robot player)

duration: ~ 8'

July 2024

COMPONENTS LIST

- Laptop, Windows or macOS, with Max/MSP 8.0 (or later versions) installed.
- 1 or 2 condenser microphone (as Neuman U series or AKG C series).
- Soundcard with 1 or 2 inputs (depending by the number of microphones).
No audio output required
- Small monitor, or tablet linked as an additional monitor for the laptop.
It should be placed on the piano's music stand
- MIDI keyboard controller or any MIDI controller with at least 9 pads.
- Automated robot player system (Teo Tronico 3.0)
- Amplification is not required but possible.

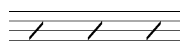


GENERAL INDICATIONS

The core of this work is the interaction between the human performer and the robot player, and vice versa. The sound of Piano 1 is captured by the microphone(s) and sent to the Max/MSP patch. The computer can process this input and, depending on the different parts of the piece, generate a response played by the robot and/or create a new piano score displayed on the tablet. This automatically generated score is likely to be unplayable by a human performer. It will serve only as a sketch of various materials upon which the performer must freely develop an improvisation.

NOTATION

Accidentals: All accidentals affect only the immediately following note.



Slash notation refers to sections that are not predetermined. Specifically, these may correspond to automated responses from the robot player or interpretations of the computer-generated score by the human performer.

1

2

3

MIDI Controller pads, or keys. These activate or stop different behaviors of the robot player

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♩ = 75 1

Piano 1 (human)

p *pp* *p* *pp*

Ped.

Piano 2 (bot)

6

Hum.

mp *p* *pp*

Ped.

10

Hum.

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

Ped.

14

Hum.

p *ppp*

Ped.

rall.....

2

31 **2** **8**

Hum. **3** **4**

improvise; interpreting freely
materials; from generated score

(Ped.) **8** Hold pedal untill the end of the resonance

~ 35'

Bot

~ 15' ~ 5'

35 **3** **4**

Hum.

~ 10' ~ 3'

Bot

~ 10' ~ 10'

39 **5**

Hum. **6** **6** **mp** **ppp**

♩ = 44

Freely, durations as suggestion.
Don't try to match exactly
with the piano bot part.

♩ = 60 **ppp** **8va** **rall**

Ped.

Bot

p **mp** **pp** **f** **mp** **f**

pp **mp** **pp** **mp** **f**

Ped.



Hum.

[47]

..... ♩ = 60

8va

pp

5

8ba

(Ped.)

Bot

mf

pp

3

5

ppp

mp

p

Ped.

rall

8va

pp

8ba

Hum.

49

mp *ppp*

8va *8va* *15ma*

8ba *8ba* *8ba*

Ped. *Ped.* *Ped.*

Bot

pp *f* *mp* *p* *ppp*

5 *3* *5* *3*

(Ped.) *Ped.* *ppp*

44

Hum.

52 (15)

pp *p* *pp* *loco* *ppp* *mf* *pp*

8va *8ba*

(8) *pp*

(Ped.) *Ped.*

Hum.

56

pp *p* *pp* *mf*

8va *8ba* *8ba*

(Ped.) *ppp* *Ped.* *ppp*

Bot

~ 10'

Hum. 60

7

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

8^{va}

p *pp* *f* *p* *ppp* *mf*

Ped.

Hum. 62

ppp *p* *mf* *p* *mp*

freely on time (♩ = 60)

9

p *pp*

Ped.

Bot

~ 8'

Hum. 66

mp *p* *mp*

Ped.

Bot

Hum. 69

p *pp* *mp* *pp*

8^{va}

8^{ba}

Ped.

Bot

Hum. Bot

72

p *pp*

10

p *ppp*

(8) *ppp* (Ped.) Ped.

8^{va} 8^{ba}

Bot

Hum.

75

p

8^{va}

pp *ppp*

(Ped.)

8^{ba}

Hum.

81

pppp *ppppp*

(8) *pppp* (Ped.)