

Austin Franklin

*Rhythmic Mosaics*

for marimba, vibraphone, and electronics

(2021)

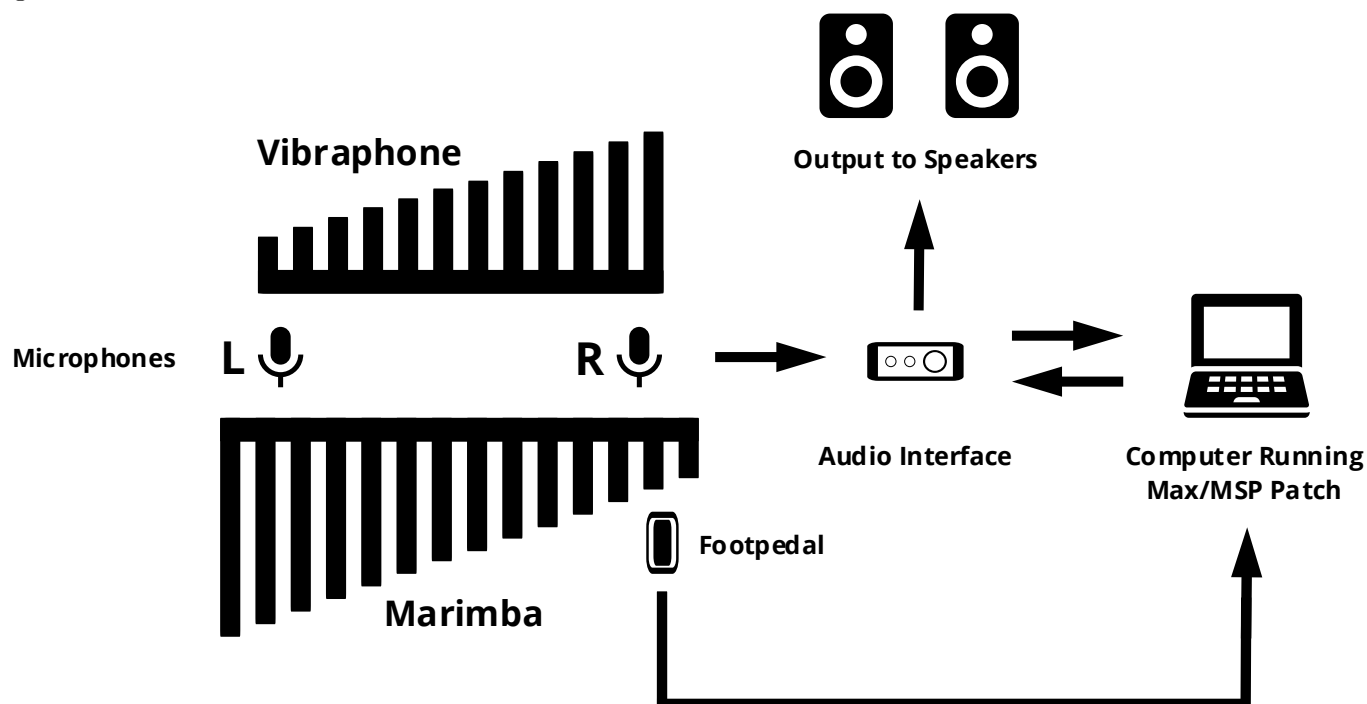
© Copyright 2021, Austin Franklin Music (BMI)  
All Rights Reserved

## Program Notes

Rhythmic Mosaics is a piece for marimba, vibraphone, and live electronics that is inspired by abstract geometric (or pattern based) visual art, where numerous small shapes and patterns are combined and arranged to construct larger forms. The piece borrows from this artform by taking several small motivic figures, while creating patterns from overlapping simple and compound meters to continuously develop musical textures and harmonies. The electronic component accentuates this effect by creating new patterns and timbres derived from each performer's component parts.

## Technical notes

Rhythmic Mosaics uses a Max MSP program (or patch) by which to process and transform the audio. The patch contains instructions on how to set up, operate, rehearse, and finally perform the piece. Please email me for the patch after purchasing, or if you have any questions directly at [austinalexanderfranklin12@gmail.com](mailto:austinalexanderfranklin12@gmail.com). As for the technical requirements and equipment set up, please use the following configuration:



- A two-channel audio interface is required to perform the piece, and two large diaphragm microphones should be used for inputs.
- Both microphones should be positioned in between the two instruments, with the left input near the low register of the marimba and the right input near the high register of the marimba. Leave space in between the instruments and microphone stands for bowing.
- The marimba player controls the electronics using a USB or Bluetooth capable MIDI foot controller (triggers are notated in the score). However, the vibraphone player may instead control the electronics, or a third “performer” may be used to trigger the start of each new section with a MIDI controller.

## **Performance notes**

- Most of the processing varies pitch and timbre, so as a general rule the electronic part should blend as much as possible.
- The dynamic swells throughout the piece should be treated as the foremost musical element. Additionally, the amplitude of the performance determines the amplitude of the electronic track, so special attention should be given to this element.
- The MIDI controller or foot pedal should be triggered during the measures in which “Section \_” is indicated in the score. Exact timing of the trigger is not necessary, but the performers should strive to trigger the electronics as close to the downbeat as possible.

Rhythmic Mosaics was commissioned by Jacob Ottmer and Micheal Barnes

Duration: ca. 7'00”

# Rhythmic Mosaics

for marimba, vibraphone, and electronics

Austin Franklin

♩ = 95 - 105

Vibraphone

*mp*

lightly pedal

Marimba

*mp*

Section 1

Electronics

Pitch shifting notes in vibraphone, reverb

4

Vib.

*mf* *mp*

Mar.

Elec.

Rhythmic Mosaics - Score

2

A

7

Vib.

Mar.

Elec.

*mf*

Musical score for measures 7-9. The Vibraphone part (Vib.) is in treble clef, playing a sequence of quarter notes with various accidentals. The Maracas part (Mar.) consists of two staves: the upper staff in treble clef and the lower staff in bass clef, both playing eighth notes. The Electric guitar part (Elec.) is in treble clef, playing sustained notes with accidentals. A dynamic marking of *mf* is indicated below the Vibraphone staff.

10

Vib.

Mar.

Elec.

*mp*

*f* *mp*

Musical score for measures 10-12. The Vibraphone part (Vib.) is in treble clef, playing a sequence of quarter notes with various accidentals. The Maracas part (Mar.) consists of two staves: the upper staff in treble clef and the lower staff in bass clef, both playing eighth notes. The Electric guitar part (Elec.) is in treble clef, playing sustained notes with accidentals. Dynamic markings include *mp* below the Vibraphone staff, *f* below the upper Maracas staff, and *mp* below the lower Maracas staff.

**B**

13

Vib. *f* *mp*  
[Slowly press pedal]

Mar. *f* *mp*

Elec.

**C** only quarter-notes should be discernible,  
otherwise a cloud-like texture should be created

16

Vib. *pp*  
[reverb]

Mar. *p*

Elec. *grv*

Section 2


[Pitch shifting notes in vibraphone, reverb]

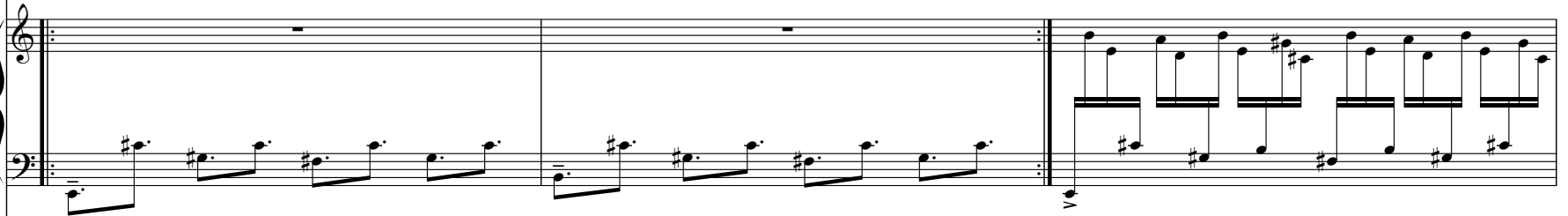
Rhythmic Mosaics - Score


4

repeat 1-3 times


19

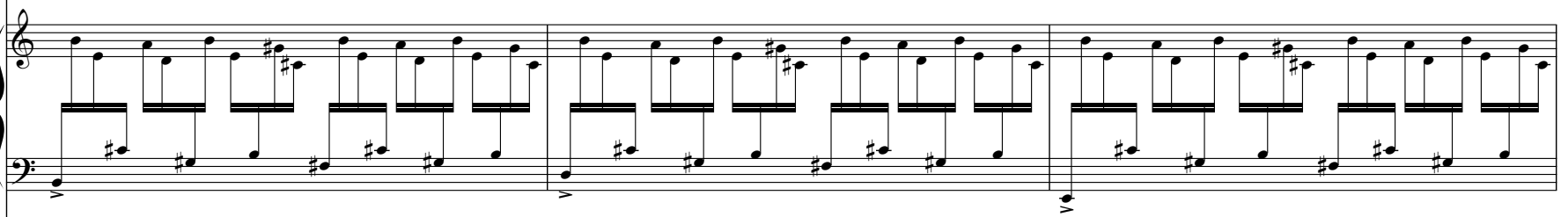
Vib. 

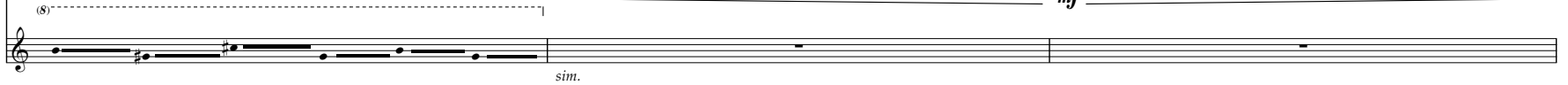
Mar. 

Elec. 

22

Vib. 

Mar. 

Elec. 

*sim.*

Rhythmic Mosaics - Score

25

Vib. *mf* *mp* *mf*

Mar. *mp* *mf*

Elec. *sm*

28

Vib. *mf* *mp*

Mar. *mp* *mf*

Elec. *sim.*



Rhythmic Mosaics - Score

6

D

31

Vib.

Mar.

Elec.

*mp*

*f*

*sw*

34

Vib.

Mar.

Elec.

*mf*

*mf*

*sim.*

Rhythmic Mosaics - Score

37

Vib. *f* *mf*

Mar. *f* *mf*

Elec. *swr* *sim.*

**E**

40

Vib. *ff* *mf*

Mar. *ff* *mf*

Elec. *swr*

Rhythmic Mosaics - Score

8

43

Vib.

Mar.

Elec.

*ff dim.*

Slowly press pedal

*sim.*

*ff dim.*

*sva*

46

Vib.

Mar.

Elec.

*sim.*

Rhythmic Mosaics - Score

F

to bow

w/ bow

*mp*

*pp*

*p*

*pp* l.h. only

Section 3

Pitch shifting on vibraphon and marimba, distortion

*sim.*

55

*mf*

*mp*

*p*

*mp*

Rhythmic Mosaics - Score

10

60

Vib. *mf*

Vib.

Mar. *mp* *p*

Elec.

65

Vib. *mp* *mf*

Vib.

Mar. *mp* *p*

Elec.

Rhythmic Mosaics - Score

G

Musical score for measures 73-76. The score is for Vibraphone (Vib.), Maracas (Mar.), and Electric Bass (Elec.).

- Vib. (Top Staff):** Treble clef. Measures 73-74: *mp* (mezzo-piano), half notes G4 and A4. Measure 75: *mf* (mezzo-forte), half notes B4 and C5. Measure 76: *mf*, half notes D5 and E5. A slur covers measures 73-76.
- Vib. (Second Staff):** Treble clef. Measures 73-76: Quarter notes G4, A4, B4, C5, D5, E5, F#5, G5. A *res.* (resonance) symbol is above measure 73.
- Mar. (Third Staff):** Treble clef. Measures 73-76: A rhythmic pattern of eighth notes: G4, A4, B4, C5, D5, E5, F#5, G5. Dynamics: *mp* (measures 73-74) and *p* (measures 75-76).
- Mar. (Fourth Staff):** Bass clef. Measures 73-76: A steady eighth-note accompaniment: G#3, A3, B3, C4, D4, E4, F#4, G4.
- Elec. (Fifth Staff):** Bass clef. Measures 73-76: Rest.

Musical score for measures 77-80. The score is for Vibraphone (Vib.), Maracas (Mar.), and Electric Bass (Elec.).

- Vib. (Top Staff):** Treble clef. Measure 77: Rest. Measure 78: *mp* (mezzo-piano), half note G4. Measure 79: *mf* (mezzo-forte), half note A4. Measure 80: *mf*, half note B4. A slur covers measures 78-80.
- Vib. (Second Staff):** Treble clef. Measures 77-80: Quarter notes G4, A4, B4, C5, D5, E5, F#5, G5.
- Mar. (Third Staff):** Treble clef. Measures 77-80: A rhythmic pattern of eighth notes: G4, A4, B4, C5, D5, E5, F#5, G5. Dynamics: *mp* (measures 77-78) and *mp* (measures 79-80).
- Mar. (Fourth Staff):** Bass clef. Measures 77-80: A steady eighth-note accompaniment: G#3, A3, B3, C4, D4, E4, F#4, G4.
- Elec. (Fifth Staff):** Bass clef. Measures 77-80: Rest.

Rhythmic Mosaics - Score

12

Musical score for measures 81-85. The score is for five instruments: Vib. (top), Vib. (middle), Mar. (piano), Elec. (bottom), and Elec. (bottom-most). The Vib. part has dynamics *mp* and *mf*. The Mar. part has dynamics *p* and *mp*. The Elec. part is silent.

H

Musical score for measures 86-90. The score is for five instruments: Vib. (top), Vib. (middle), Mar. (piano), Elec. (bottom), and Elec. (bottom-most). The Vib. part has dynamics *p* and *dim.*. The Mar. part has dynamics *p* and *dim.*. The Elec. part is silent.

Section 4

Drone slowly fades away

91

Vib.

Vib.

Mar.

Elec.

*pp*

8va

Pitch shifting on vibraphone and marimba, delay, reverb, noise

96

Vib.

Vib.

Mar.

Elec.

*mp*

*mp*

*pp*

(8)



Rhythmic Mosaics - Score

14

101

Vib.

Vib.

Mar.

Elec.

*mf* *p*

(8)

*mp* *pp*

106

Vib.

Vib.

Mar.

Elec.

*mf*

(8)

*mp* *pp*

112


Vib. 

Vib.  *p*

Mar.  *mp* *pp*

Elec. 

117

Vib.  *mf*

Vib.  *mf* *mf*

Mar.  *mp dim.* *pp*

Elec. 

Rhythmic Mosaics - Score

16

122

5-8"

I

repeat 1-3 times

Vib.

Vib.

Mar.

Elec.

*ppp*

*p*

to bow

*n*

Section 5

*p* *mp*

w/ bow

pitch shifting and transposition on marimba and vibraphone, distortion, reverb

130

Vib.

Vib.

Mar.

Elec.

wait for silence

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