

Matthew Geer

KAMEAS (Three)
for String Quartet
(2019)

Mercury, Venus, Sun, Mars, Jupiter, Saturn

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PERFORMANCE NOTES

Regular metric material is to be played together by the ensemble.

When **MATERIAL XX** → is indicated, the player must play the

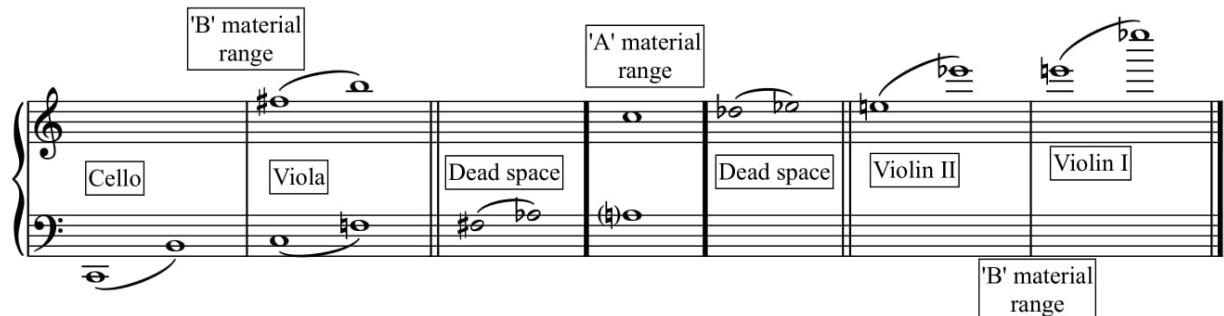
pitch material indicated at the end of their parts movement. The pitches are to be played metrically removed from the rest of the ensemble, with varying dynamics, rhythms and phrasing. Rests and breaks between notes are allowed.

When returning to metrical notation, a cue is given by the instrument noted in the score.

When a part says “Cue ‘*INSTRUMENT NAME*’ entry”, you must cue the entry of that instrument for them to re-enter metrical notation as you simultaneously enter un-metered notation.

During the last movement (Saturn), each player must play their own part at any speed between the tempo indicated. It is expected that players will finish early or late and it is vital that players do not try and match the tempo of another player.

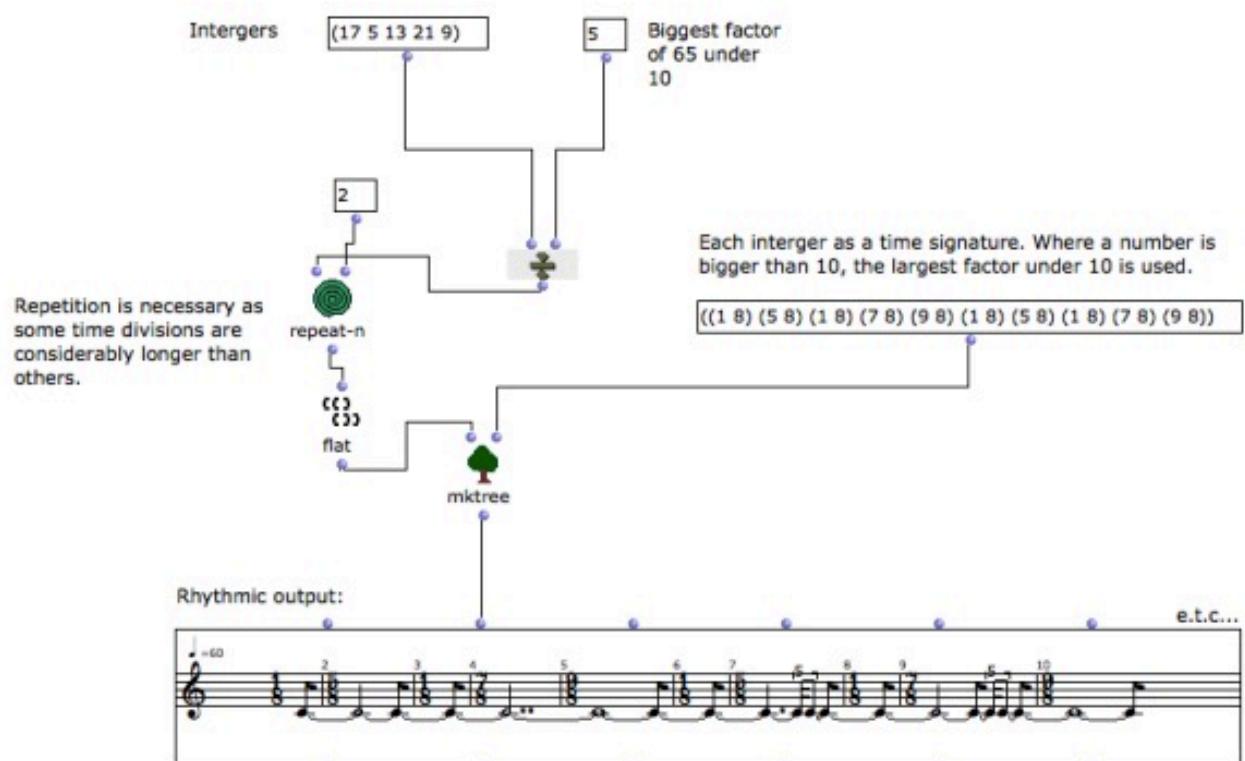
Pitch restrictions



‘A’ Material range = metric material

‘B’ Material range = un-metric material

Rhythmic process using OpenMusic (pre-quantisation)



Agrippa's Magic Squares converted into pitches

SATURN Pitches

G	D	E	F	H
A	Eb	Ab	Db	
B	D	E	G _b	
C	G	C	F	

VENUS (totaling 175)

O	H	I	J	K	L	M	N	P
A	A	B _b	E _b	E	A	B _b	E _b	
B	E	B _b	C	E	F	B _b	E	
C	F	F	B	C	F	C	C	
D	C	G _b	G _b	C	G _b	G _b	C	
E	D _b	D _b	G	C	D _b	G	G	
F	Ab	D	G	Ab	D _b	D	Ab	
G	A	D	E _b	A	A	D	E _b	

JUPITER Pitches

I	E	F	G	H	J
A	Eb	Db	D	C	
B	Ab	G _b	F	B	
C	E	B _b	A	G	
D	Eb	D _b	D	C	

MERCURY (totaling 260)

Q	I	J	K	L	M	N	O	P	R
A	G	A	B _b	E	E _b	D _b	D	C	
B	C	D	D _b	E _b	E	B _b	A	G	
C	E	B _b	A	G	Ab	G _b	F	C	
D	G	A	B _b	E	E _b	D _b	D	C	
E	Eb	D _b	D	D _b	C	F	G _b	Ab	
F	E	B _b	A	G	Ab	G _b	F	C	
G	Ab	G _b	F	B	C	G _b	F	E _b	
H	Eb	D _b	D	C	B	F	G	Ab	

MARS Pitches

K	F	G	H	I	J	L
A	B _b	B _b	G _b	G	D	
B	Eb	B	C	G	E _b	
C	C	E	C	Ab	Ab	
D	A	F	C	D _b	A	
E	B _b	B _b	G _b	D _b	D	

(System mod12)

1	2	3	4	5	6	7	8	9	10	11	12
C	D _b	D	E _b	E	F	G _b	G	Ab	A	B _b	B

SUN Pitches

M	G	H	I	J	K	L	N
A	F	G	D	D _b	D	C	
B	G _b	B _b	D	E _b	G	F	
C	G _b	D _b	E _b	D	B _b	B	
D	F	G	A	Ab	E	C	
E	C	E	A	Ab	D _b	B	
F	C	E	Ab	E _b	D _b	A	

Mercury

$\text{♩} = 160$
sul tasto

Violin 1 *ppp* sul tasto

Violin 2 *ppp*

Viola sul tasto

Violoncello *ppp* sul tasto

ppp

Measure 1: Violin 1 (eighth-note pairs), Violin 2 (eighth-note pairs).
Measure 2: Violin 1 (eighth-note pairs), Violin 2 (eighth-note pairs), Viola (eighth-note pairs).
Measure 3: Violin 1 (eighth-note pairs), Violin 2 (eighth-note pairs), Viola (eighth-note pairs), Violoncello (eighth-note pairs).
Measure 4: Violin 1 (eighth-note pairs), Violin 2 (eighth-note pairs), Viola (eighth-note pairs), Violoncello (eighth-note pairs), all with sul tasto.
Measure 5: Violin 1 (eighth-note pairs), Violin 2 (eighth-note pairs), Viola (eighth-note pairs), Violoncello (eighth-note pairs), all with sul tasto, ending with ppp.

6

Vln 1

Vln 2

Vla

Vc.

A MATERIAL →

Measure 6: Vln 1 (eighth-note pairs), Vln 2 (eighth-note pairs), Vla (eighth-note pairs), Vc. (eighth-note pairs). The section is labeled 'A MATERIAL' with a right-pointing arrow.

11

Vln 1

Vln 2

Vla

Vc. →

Measure 11: Vln 1 (eighth-note pairs), Vln 2 (eighth-note pairs), Vla (eighth-note pairs), Vc. (eighth-note pairs). The section continues from 'A MATERIAL' with a right-pointing arrow.

Mercury

16

Vln 1
Vln 2
Vla
Vc.

22

Vln 1
Vln 2
Vla
Vc.

28

Vln 1
Vln 2
Vla
Vc.

33

Vln 1
Vln 2
Vla
Vc.

38

Vln 1 **B MATERIAL**

Vln 2

Vla

Vc. *sul tasto*

ppp

{38}

Vln 1

Vln 2

Vla

Vc.

{38}

Vln 1

Vln 2

Vla

Vc.

{38}

Vln 1

Vln 2

Vla

Vc.

This block contains four systems of musical notation for string instruments. The instruments are Vln 1, Vln 2, Vla, and Vc. The first system is labeled 'B MATERIAL' with a box around the Vln 1 staff. The second system has a dynamic marking 'ppp' below the Vc. staff. The third and fourth systems both begin with a dynamic marking '{38}' above the Vln 1 staff. The notation consists of sixteenth-note patterns with various slurs and grace notes.

{38}

Vln 1

Vln 2

Vla

Vc.

{38}

Vln 1

Vln 2

Vla

Vc.

{38}

sul tasto

ppp

C MATERIAL

Vln 1

Vln 2

Vla

Vc.

43

Vln 1

Vln 2

Vla

Vc.

48

Vln 1

Vln 2

Vla

Vc.

54

Vln 1

Vln 2

Vla

Vc.

60

Vln 1

Vln 2

Vla

Vc.

65

Vln 1

Vln 2

Vla

Vc.

70

sul tasto
ppp

D MATERIAL

75

Vln 1

Vln 2

Vla

Vc.

80

Vln 1

Vln 2

Vla

Vc.

85

Vln 1

Vln 2

Vla

Vc.

89

This musical score excerpt shows four staves for string instruments. Vln 1 starts with a eighth note followed by a sixteenth note. Vln 2 has a eighth note followed by a sixteenth note. Vla has a sustained eighth note. Vc has a eighth note followed by a sixteenth note.

93

This musical score excerpt shows four staves for string instruments. Vln 1 has a eighth note followed by a sixteenth note. Vln 2 has a eighth note followed by a sixteenth note. Vla has a sustained eighth note. Vc has a eighth note followed by a sixteenth note.

97

This musical score excerpt shows four staves for string instruments. Vln 1 has a sustained eighth note. Vln 2 has a eighth note followed by a sixteenth note. Vla has a sustained eighth note. Vc has a eighth note followed by a sixteenth note.

II. Venus

Violin 1 *sul tasto*
Violin 2 *ppp* *sul tasto*
Viola *sul tasto*
Violoncello *ppp*
Vcl. [E MATERIAL] →

5
Vln 1
Vln 2
Vla
Vc. →

10
Vln 1
Vln 2
Vla
Vc. →

14

Vln 1 F MATERIAL

Vln 2

Vla

Vc. sul tasto

ppp

[14]

Vln 1

Vln 2

Vla

Vc.

[14]

Vln 1

Vln 2

Vla

Vc.

[14]

Vln 1

Vln 2

Vla

Vc.

sul tasto

ppp

G MATERIAL

18

Vln 1
Vln 2
Vla
Vc.

[21]

Vln 1
Vln 2
Vla
Vc.

26

Vln 1
Vln 2
sul tasto
ppp
Vla [H MATERIAL]
Vc.

31

Vln 1
Vln 2
Vla
Vc.

36

Vln 1

Vln 2

Vla

Vc.

40

Vln 1

Vln 2

Vla

Vc.

sul tasto

ppp

I MATERIAL

44

Vln 1

Vln 2

Vla

Vc.

48

Vln 1

Vln 2

Vla

Vc.

52

Vln 1 [J MATERIAL] →

Vln 2

Vla

Vc. *sul tasto*

ppp

[52]

Vln 1 →

Vln 2

Vla

Vc.

[52]

Vln 1 →

Vln 2

Vla

Vc.

53

Vln 1 *sul tasto*

ppp

Vln 2 [L MATERIAL] →

Vla

Vc.

Musical score for strings (Vln 1, Vln 2, Vla, Vc.) spanning two staves and four measures. The score is in common time.

Staff 1 (Measures 58-59):

- Vln 1: Starts with eighth-note pairs, followed by quarter notes and eighth-note pairs.
- Vln 2: Rests throughout the measure.
- Vla: Eighth-note pairs with slurs.
- Vc.: Eighth-note pairs with slurs.

Staff 2 (Measures 60-61):

- Vln 1: Eighth-note pairs with slurs.
- Vln 2: Rests throughout the measure.
- Vla: Eighth-note pairs with slurs.
- Vc.: Eighth-note pairs with slurs.

Staff 3 (Measures 62-63):

- Vln 1: Eighth-note pairs with slurs.
- Vln 2: Rests throughout the measure.
- Vla: Eighth-note pairs with slurs.
- Vc.: Eighth-note pairs with slurs.

Staff 4 (Measures 64-65):

- Vln 1: Eighth-note pairs with slurs.
- Vln 2: Rests throughout the measure.
- Vla: Eighth-note pairs with slurs.
- Vc.: Eighth-note pairs with slurs.

III. Sun

Violin 1

Violin 2

Viola

Violoncello

M MATERIAL

Vln 1

Vln 2

Vla

Vc.

N MATERIAL

sul tasto

ppp

Vln 1

Vln 2

Vla

Vc.

[8]

[8]

Vln 1

Vln 2

Vla

Vc.

sul tasto

ppp

O MATERIAL

13

Vln 1

Vln 2

Vla

Vc.

sul tasto

ppp

P MATERIAL

18

Vln 1

Vln 2

Vla

Vc.

23

Vln 1

Vln 2

Vla

Vc.

sul tasto

ppp

Q MATERIAL

28

R MATERIAL

Vln 1

Vln 2

Vla

Vc.

sul tasto

ppp

[30]

Vln 1

Vln 2

Vla

Vc.

[30]

sul tasto

ppp

S MATERIAL

Vln 1

Vln 2

Vla

Vc.

34

Vln 1

Vln 2

Vla

Vc.

38

Vln 1

Vln 2 *sul tasto* *ppp*

Vla [T MATERIAL] →

Vc.

This musical score page contains four staves. The top two staves are for Violin 1 and Violin 2, both in treble clef. The bottom two staves are for Cello (Vla) and Bassoon (Vc.), both in bass clef. Measure 38 begins with Violin 1 playing eighth-note pairs. Violin 2 enters with eighth-note pairs, marked *sul tasto* and *ppp*. The Cello and Bassoon provide harmonic support. A box labeled "T MATERIAL" with an arrow points to the Cello/Bassoon line. Measure 39 continues with similar patterns. Measure 40 shows Violin 1 and Violin 2 playing eighth-note pairs, while the Cello and Bassoon provide harmonic support. Measure 41 concludes the section.

41

Vln 1

Vln 2

Vla →

Vc.

This page continues the musical score from measure 41. The top two staves are for Violin 1 and Violin 2. The bottom two staves are for Cello (Vla) and Bassoon (Vc.). The Cello/Bassoon line continues from the previous measure, providing harmonic support. The Violins play eighth-note pairs. Measures 42 and 43 follow, maintaining the established harmonic and melodic patterns.

IV. Mars

Violin 1

Violin 2

Viola

V MATERIAL

Violoncello

U MATERIAL

[5]

sul tasto

ppp

W MATERIAL

Vln 1

Vln 2

Vla

Vc.

Musical score for strings (Vln 1, Vln 2, Vla, Vc) showing measures 9-10. The score includes dynamic markings *sul tasto* and *ppp*, and a box labeled "X MATERIAL". Measure 9 starts with Vln 1 playing eighth-note patterns. Measure 10 begins with Vln 2 playing eighth notes *sul tasto* at *ppp* dynamic. The Vla and Vc provide harmonic support with sustained notes and eighth-note patterns. A bracket labeled "X MATERIAL" spans the Vla and Vc staves.

14

Vln 1

Vln 2

sul tasto

Vla

ppp

Vc. Y MATERIAL

18

Vln 1 Z MATERIAL

Vln 2

Vla

sul tasto

Vc. *ppp*

19

Vln 1 sul tasto
ppp

Vln 2 AA MATERIAL

Vla

Vc.

23

Vln 1

sul tasto

Vln 2 *ppp*

Vla AB MATERIAL

Vc.

V. Jupiter

$\text{♩} = 80$

Violin 1 *sul tasto* *ppp* CC MATERIAL →

Violin 2 *sul tasto* *ppp* CC MATERIAL →

Viola *sul tasto* *ppp* CC MATERIAL →

Violoncello BB MATERIAL → *sul tasto* *ppp* BB MATERIAL →

[4]

Vln 1 → *sul tasto* *ppp* DD MATERIAL →

Vln 2 → *sul tasto* *ppp* DD MATERIAL →

Vla → *sul tasto* *ppp* DD MATERIAL →

Vc. → *sul tasto* *ppp* DD MATERIAL →

6

Vln 1 → *sul tasto* *ppp* EE MATERIAL →

Vln 2 → *sul tasto* *ppp* EE MATERIAL →

Vla → *sul tasto* *ppp* EE MATERIAL →

Vc. → *sul tasto* *ppp* EE MATERIAL →

9

Vln 1

Vln 2

Vla

Vc.

sul tasto

3

ppp

FF MATERIAL

13

Vln 1

Vln 2

Vla

Vc.

ff

VI. Saturn

At individual pace,
c. 50-70 crotchet bpm

Violin 1

At individual pace,
c. 50-70 crotchet bpm

Violin 2

At individual pace,
c. 50-70 crotchet bpm

Viola

At individual pace,
c. 50-70 crotchet bpm

Violoncello

This section features four staves for string instruments. Violin 1 and Violin 2 play eighth-note patterns. Viola and Violoncello play sixteenth-note patterns. The tempo is indicated as 'At individual pace, c. 50-70 crotchet bpm'.

5

Vln 1

Vln 2

Vla

Vc.

This section continues the musical score for strings, starting at measure 5. The instruments play sustained notes and rhythmic patterns.