
Temporal Waves

version for open instrumentation trio

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PERFORMANCE NOTES

INSTRUMENTS

Temporal Waves was originally written for guitar quartet but this version has been arranged for a variable instrumentation trio. It can be played by 3 pianos, harps, guitars, vibraphones, marimbas or any combination as long as there are three performers.

All players read from the full score, there are no parts.

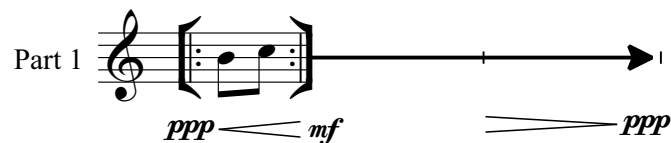
CELLS

In *Temporal Waves* each performer has a number of repeating cells to play; fading in and out completely before pausing briefly and starting the next one. When exactly each performer stops and starts varies slightly with each performance, but it must line up homophonically with the other players. The duration of the piece can be anywhere from 6 to 10 minutes depending on how quickly the performers move through the cells.

Each cell should be approx. 15 seconds long (5 seconds fading in from *ppp* to *mf*; repeat at *mf* for 5 seconds; then fade out again for 5 seconds to *ppp*).

For example, the first cell...

...should be played as such:



Players take their cue to start new cells from following the others. (i.e. when player 1 has completed their crescendo then player 2 begins)

Players can play the cells in the octave written or one octave above or below (guitarists should play as written which of course transposes down an octave).

METRIC MODULATIONS

Temporal Waves utilizes metric modulations to frequently change pulse proportionally.

Tempos are given...

- when a new pulses enters, such as when one performer starts playing quarter notes while other were playing eighths. For example: (♩ = 135)
This is not necessary of course but is convenient during practice when starting the piece in the middle.

- in Bold when a metric modulation occurs. For example: ♩. = ♩ (= 270)

After a new pulse is introduced all following players must line up homophonically with it.

All notes should be allowed to ring out as much as possible.

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$\text{♩} = 180$ Repeat each cell for approx. 15 seconds, fading in and out, play in synch with other performers

Part 1: ppp mf ppp mf ppp continue dynamic swells

Part 2: tacet ppp mf ppp mf ppp continue dynamic swells
($\text{♩} = 90$) ($\text{♩} = 270$)

Part 3: tacet | tacet ppp mf ppp continue dynamic swells



Metric Modulation $\text{♩} = \text{♩} (= 270)$

Pt.1: $\text{♩} = 135$ $\text{♩} = 405$ Metric Modulation $\text{♩} = \text{♩} (= 405)$

Pt.2: $\text{♩} = 135$ $\text{♩} = 405$

Pt.3: $\text{♩} = 135$ $\text{♩} = 405$

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Metric Modulation

$\text{♩} = \text{♩} (= 81)$

Pt.1

Pt.2

Pt.3

(♩ = 162)

(♩ = 324)



Metric Modulation

$\text{♩} = \text{♩} (= 108)$

Pt.1

Pt.2

Pt.3

(♩ = 108)

(♩ = 216)

Metric Modulation

$\text{♩} = \text{♩} (= 72)$

Musical score for three parts (Pt.1, Pt.2, Pt.3) showing metric modulation. Pt.1 and Pt.2 have a 3/4 time signature. Pt.3 has a 4/4 time signature. A vertical dashed line marks the start of the modulation. Pt.3 has tempo markings: (♩ = 72), (♩ = 288), and (♩ = 144).



Metric Modulation

$\overset{6}{\text{♩}} = \text{♩} (= 432)$

Metric Modulation

$\text{♩} = \text{♩} (= 86)$

Musical score for three parts (Pt.1, Pt.2, Pt.3) showing metric modulation. Pt.1 and Pt.3 have a 3/4 time signature. Pt.2 has a 6/8 time signature. A vertical dashed line marks the start of the modulation. Pt.2 has tempo markings: (♩ = 432) and (♩ = 172).

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Metric Modulation
 $\text{♩.} = \text{♩} (= 115)$

(♩ = 344)

Pt.1

Pt.2

Pt.3



Metric Modulation
 $\text{♩.} = \text{♩} (= 77)$

(♩ = 230)

(♩ = 77)

Pt.1

Pt.2

Pt.3

Metric Modulation $\text{♩} = \text{♩} (= 60 \text{ approx.})$ 5

Pt.1

Pt.2

Pt.3 $(\text{♩} = 308)$

≡

Metric Modulation $\text{♩} = \text{♩} (= 180)$

Pt.1 *fine*

Pt.2 *fine*

Pt.3 $\text{♩} = 180$ *fine*

ppp *ppp* *ppp* *f* *ppp*