

Study For The Hyasynt

by Joe Bates

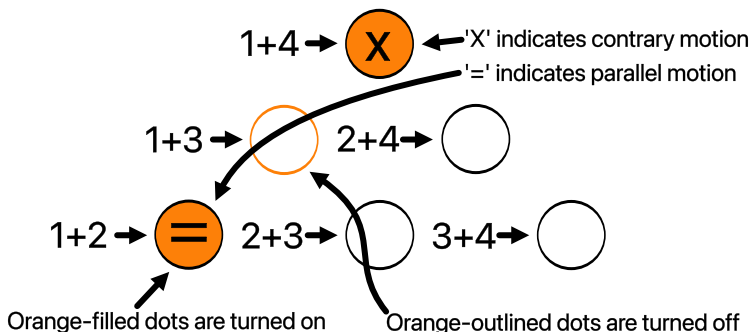
This piece is written for The Hyasynt, a custom synthesiser designed by Joe Bates. As the piece is designed to be performed by the composer in a semi-improvised form, this score is for guidance only.

Stave notation

Four pitch wheels control four primary pitches. These are shown on the staves, with fingering numbers indicating which wheel controls which pitch. Changes of pitch are indicated with glissando lines.

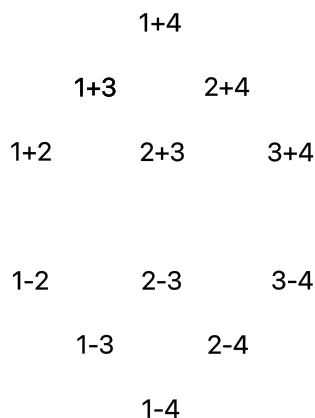
Mutual controls

The pitch wheels can control one another, moving each other in parallel or contrary motion. These mutual control settings are shown below the stave on a diagram, which is laid out as follows:



Combination tones

Twelve combination tones – six sum tones and six difference tones – are laid out on a diamond. These pitches are shown above the staves. Pitches to be held as a chord are shown outlined in straight orange lines. Pitches to be improvised with melodically are shown outline in blue curved lines. The pitches in the diamond relate to pitches of the four pitch wheels as follows:



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$B\flat$ $B\flat$ G $B\flat$ G $B\flat$ G $B\flat$ G
 G $E\flat$ $A\flat$ $A\flat$ $E\flat$ $A\flat$ $F\sharp$ $E\flat$ $A\flat$

2 2 3/2 3/2 3

$B\flat$ $B\flat$ $C\sharp$ $B\flat$ $C\sharp$ $E\flat$ $C\sharp$ $C\sharp$ $A\flat$ $C\sharp$ $A\flat$ $G\flat$ $D\flat$ $G\flat$ B $G\flat$ $D\flat$ $B\flat$ $G\flat$ D $B\flat$ $G\flat$ D

3 3 3 3



$B\flat$ $B\flat$ D $B\flat$ $B\flat$ D $B\flat$ D $B\flat$ D $B\flat$ D $B\flat$ D $B\flat$ D $B\flat$ D $B\flat$ D $B\flat$ D $B\flat$ D

2 2

