The Musarithmetic Ark.....

is based on the idea of 17th century composing machine called the "musarithmetic ark" attributed to Athanasius Kircher. In this work I set compositional process in motion and follow where it leads. As a composer, I use the idea of a work having a 'Musical Argument' to create a macro context or framework that defines the work. This is not a narrative in a programmatic sense, but a journey that realizes a concept in pure musical terms.

For the first movement Shimmering, my argument is about a strata of 3 strands that are defined separately in terms of register and pitch which gradually melt together.

For the second half of the work, Crash I use dyads as a source for my pitch material and experiment with aligned and non-aligned phrasing in relation to the meter.

Performance Indications:

The score is transposed, accidentals apply in the measure and the octave in which they appear.

Shimmering

Perform this movement with great freedom expression. A sense of drama is intended Saxophone - C.Tr, this is a timbral trill, experiment with different densities.

Scored for: Trumpet in C, Alto Saxophone in Eb & Piano

The Musarithmetic Ark was written for the trio troiCa, Kim Dunnick (trumpet), Steven Mauk (alto saxophone), and Diane Birr (piano). All the members of troiCa are on the faculty of the School of Music at Ithaca College, USA.
The Musarithmetic Ark

1 - Shimmering

Dedicated to trotch

Margery Smith

\[ \text{Trumpet in C.} \]

\[ \text{Alto Sax.} \]

\[ \text{Piano cue} \]

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