

Undulating Quantum Jitters And Pernicious Infinities

For Marimba

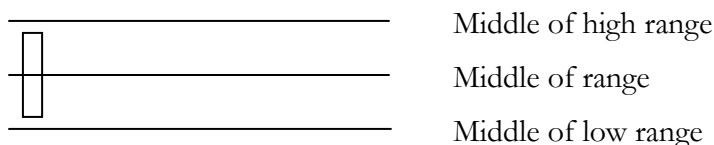
Jon Haek

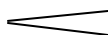

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Performance Notes

Undulating Quantum Jitters (pp. 1, 4, 6, 9, 10)

- The performer should hold >2 mallets of varying hardnesses in each hand
- Indeterminate clusters are to be played striving to include as many notes in the indicated range as possible – this may require hitting in between or on edges of keys
- Alternate hands when striking keys – keep to a minimum, yet consciously include accidental clicking of mallet sticks
- The staff represents approximate ranges on the marimba:



- Stems without a cluster notehead should be performed by striking just above the keys as if you are striking a marimba that produces no sound
- Dynamics on pages 9 and 10 are all *subito*, except for  and 

Pernicious Infinities (pp. 2, 3, 5, 7, 8)

- ♩ = 96 is a suggested tempo
- STICK = play each note by striking the edge of the key with the mallet stick
- ROLLED = play each note with a quick roll (as best as possible)
- MUTED = preferably: keep one mallet on keys at all times (as best as possible – the desired effect is a faint glissando of notes) dampening the note to be played while striking the key with the other mallet – otherwise: strike the note holding the mallet on the key to dampen it
- Dynamics on pages 2 and 3 are to be intelligently improvised by the musician

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Undulating Quantum Jitters and Pernicious Infinities

for Ricardo Souza
(inspired by Brian Greene's *Elegant Universe*)

Jonathan Haek

$\left(\frac{4}{4}\right)$ As Fast As Possible

Marimba

fff physically
(sempre)

The score consists of seven staves, each representing a measure of music. Each staff begins with a marimba icon. The notation is a dense series of vertical black bars, representing notes, with some bars having horizontal lines above them indicating specific notes or rests. The staves are numbered 4, 7, 10, 13, 16, and 19 at the beginning of each measure. The notation is complex, with many notes and rests, and some notes are marked with numbers 6 and 7, possibly indicating fingerings or specific notes. The overall style is minimalist and rhythmic, with a focus on the visual representation of sound through vertical bars.

Pause Dramatically
for page turn and
mallet change

♩ = 96 medium soft mallets

② STICK

First system of musical notation, labeled "STICK". It consists of a grand staff with a treble and bass clef. The music is in 4/4 time. The bass staff features a complex, fast-moving line with many beamed sixteenth notes and some triplets. The treble staff has a few notes, including a triplet of eighth notes. Fingering numbers 3, 5, and 7 are visible.

⑤ NORMAL

Second system of musical notation, labeled "NORMAL". It continues the piece with similar complex patterns in both staves. Fingering numbers 5 and 7 are present.

Third system of musical notation. The complexity of the patterns continues. Fingering numbers 3, 5, and 7 are visible.

Fourth system of musical notation. The patterns remain intricate. Fingering numbers 5, 6, and 7 are visible.

⑥ ROLLED

Fifth system of musical notation, labeled "ROLLED". This system introduces a new section. Fingering numbers 5, 7, and 9 are visible.

Sixth system of musical notation. The piece concludes with these final measures. Fingering numbers 3, 5, 6, and 7 are visible.