

POÈME RÉCURSIF

*In appreciation Stephen Wolfram,
Han-Wen Nienhuys & Jan Nieuwenhuizen*

*for 64 pieces of percussion
(2005)*

TREVOR BAČA

POÈME RÉCURSIF (2005) models a massive network of timepoints in constant transformation, definition and reformation. The 31,189 different attacks in the piece group into many hundred rhythmic cells which, in turn, build up an overlapping series of different rhythmic constructions. The horizontal density of the score — 64 parts — supplies an important part of the piece's character in the form of overt, constant concord together with overt, constant dissolution in both the horizontal and vertical directions.

Realization. The piece works best for orchestra or large ensemble, one part per player; contact the composer for parts. Instrumentation is, of course, unspecified, and many different combinations of instrument should work; mixed combinations of actual percussion instruments — whether Western, Asian, Latin, African — will create one sound, while found collections of wood, stone, metal will create a different sound. The score specifies no pitches and so all instruments should either be unpitched or contribute only a very marginal sense of pitch to the overall texture. In the end, base the choice of instrumentation on the players, hall and other resources available for the performance, but work to make sure that the instrumentation reinforces the precise, shifting character of the musical surface.

The sustained parts of the durations here are meaningless — notes are just attackpoints and none of the notes should sustain past initial attack; everything is staccati and there is no difference between a quarter note, on the one hand, and, on the other, a sixteenth note followed by three sixteenth rests.

Duration. 6 to 7 minutes.

*First versions of **POÈME RÉCURSIF** were written in 1993 and 2003. The version here was worked out in 2005 and is appreciatively dedicated to Stephen Wolfram, Han-Wen Nienhuys and Jan Nieuwenhuizen || Austin, 2005.*

POÈME RÉCURSIF

In appreciation Stephen Wolfram, Han-Wen Nienhuys & Jan Nieuwenhuizen

♩ = 38 - 44

*Trevor Bača (*1975)*

The musical score consists of 64 staves, numbered 1 to 64 on the left. Each staff contains a series of rhythmic notations, primarily eighth and sixteenth notes, often grouped with beams and fingerings (e.g., 3, 7, 6, 5, 4, 3, 2, 1). The notation is dense and complex, reflecting the recursive nature of the piece. The staves are arranged in a single column, with the first staff at the top and the 64th staff at the bottom. The notation is in black ink on a white background.

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Handwritten musical score on 64 staves. The notation includes various musical symbols such as notes, rests, and beams, along with numerical annotations (e.g., 5:6, 7:6, 9:12, 14:12) indicating specific measures or groups of notes. The score is organized into measures across the staves.

Handwritten musical score on 64 staves. The notation includes various musical symbols such as notes, rests, and beams. The score is organized into measures, with some measures containing multiple notes beamed together. The notation is dense and covers the entire page.

Handwritten musical score on 64 staves. The notation includes various musical symbols such as notes, rests, and beams, with some staves featuring complex rhythmic markings and fingerings (e.g., 7, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50, 52, 54, 56, 58, 60, 62, 64). The score is organized into measures across the staves.

Handwritten musical score on 64 staves. The notation includes various musical symbols such as notes, rests, and beams, with some staves featuring specific markings like "9:12", "10:12", "8:10", and "5:6". The score is organized into measures across the staves.

Handwritten musical score for 64 staves. The notation includes various musical symbols such as notes, rests, and beams, along with numerical annotations (e.g., 6, 7, 3, 5, 8, 10, 11, 12, 13, 14, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64) indicating measures or groups of notes. The staves are numbered 1 through 64 on the left margin.

Handwritten musical score on 64 staves. The notation includes various musical symbols such as notes, rests, and dynamic markings. The score is organized into measures, with some measures containing multiple notes or rests. The notation is written in black ink on a white background. The staves are numbered 1 through 64 on the left side. The score includes various musical symbols such as notes, rests, and dynamic markings. The notation is written in black ink on a white background. The staves are numbered 1 through 64 on the left side. The score includes various musical symbols such as notes, rests, and dynamic markings. The notation is written in black ink on a white background. The staves are numbered 1 through 64 on the left side.

Handwritten musical score for 64 staves. The notation includes various musical symbols such as notes, rests, and dynamic markings. The score is organized into measures across the staves, with some measures containing specific annotations like "10:12", "11:10", "11:12", "8:10", "9:12", "5:7", "15:9", "23:28", "34:44", "7:8", "5:6", "3:4", "2:3", "1:2", "6:5", "4:3", "3:2", "2:1", "1:1", "2:2", "3:3", "4:4", "5:5", "6:6", "7:7", "8:8", "9:9", "10:10", "11:11", "12:12", "13:13", "14:14", "15:15", "16:16", "17:17", "18:18", "19:19", "20:20", "21:21", "22:22", "23:23", "24:24", "25:25", "26:26", "27:27", "28:28", "29:29", "30:30", "31:31", "32:32", "33:33", "34:34", "35:35", "36:36", "37:37", "38:38", "39:39", "40:40", "41:41", "42:42", "43:43", "44:44", "45:45", "46:46", "47:47", "48:48", "49:49", "50:50", "51:51", "52:52", "53:53", "54:54", "55:55", "56:56", "57:57", "58:58", "59:59", "60:60", "61:61", "62:62", "63:63", "64:64".

Handwritten musical score for 64 staves, numbered 1 to 64 on the left margin. The notation includes various musical symbols such as notes, rests, and dynamic markings (e.g., $10:12$, $14:12$, $9:12$, $7:6$, $5:6$). The score is written in a cursive style, typical of handwritten musical manuscripts. The notation includes various musical symbols such as notes, rests, and dynamic markings (e.g., $10:12$, $14:12$, $9:12$, $7:6$, $5:6$). The score is written in a cursive style, typical of handwritten musical manuscripts.

This image displays a page of 64 numbered musical staves, each containing a sequence of notes and rests, likely a piano exercise or a short composition. The notation includes various musical symbols such as eighth notes, sixteenth notes, and rests, often grouped with beams and slurs. The page is numbered 1 through 64 on the left margin.

Handwritten musical score on 64 staves. The notation includes various musical symbols such as notes, rests, and dynamic markings. The score is organized into measures across the staves, with some measures containing complex rhythmic patterns and others being empty. The handwriting is in black ink on white paper.

Staff 1: $7:6$

Staff 2: 3

Staff 3: 7 , 6

Staff 4: 3

Staff 5: 7 , 6

Staff 6: 7

Staff 7: 3

Staff 8: 6 , 9 , $5:6$, 3

Staff 9: 6 , 7

Staff 10: 6 , 3 , 7 , $9:12$

Staff 11: 6 , 7

Staff 12: 6 , 6 , 3

Staff 13: 6 , 6

Staff 14: 6 , 6 , 6

Staff 15: 6 , 7 , 7

Staff 16: 6 , 6 , 3 , 2 , 3 , 7

Staff 17: 6 , 7 , 7

Staff 18: 6 , 6

Staff 19: 6 , 6 , 5 , 6

Staff 20: 6 , 3

Staff 21: 6 , 3 , 6 , 6

Staff 22: 6 , 5 , 3 , $5:6$

Staff 23: 7

Staff 24: 6 , 3 , 6 , 3

Staff 25: 3 , 6 , 3

Staff 26: 6 , 6 , 7

Staff 27: 6 , 6 , 7 , 3

Staff 28: 6 , 3 , 3 , 2

Staff 29: 7 , 6 , 6 , 7 , 7 , 7

Staff 30: 3 , 7 , 6

Staff 31: 7 , 7 , 6 , 6

Staff 32: 3 , 7

Staff 33: 7 , 7 , 7 , 6 , 6

Staff 34: 3 , 7 , 6

Staff 35: 3 , 6

Staff 36: 7 , 7 , 7

Staff 37: 3 , 7

Staff 38: 7 , 7

Staff 39: 3

Staff 40: 3

Staff 41: 7 , 7 , 3 , 6

Staff 42: 3 , 7 , 6 , 7

Staff 43: 7 , 7 , 7 , 9

Staff 44: 3 , 6 , 7 , 7 , 7 , 7

Staff 45: 6 , 10 , 3 , 7

Staff 46: 7 , 6 , 7 , 7

Staff 47: 6 , 3 , 3 , 7

Staff 48: 6 , 3 , 6 , 3 , 7

Staff 49: 7 , 3 , 6 , 7 , 7

Staff 50: 3 , 6 , 6 , 3 , 3 , 3

Staff 51: 7 , 3

Staff 52: $7:6$, 7 , 6 , 5 , 7 , 7

Staff 53: 3 , 6 , 7 , 6 , $5:6$

Staff 54: 6 , 3

Staff 55: 3 , 6 , $7:6$

Staff 56: 6 , 3 , 3

Staff 57: $7:6$, 6 , 7

Staff 58: 3 , 6

Staff 59: 6 , 3

Staff 60: 6 , 3 , 9

Staff 61: 7 , 3

Staff 62: $10:12$, 6 , 6 , 5

Staff 63: 7 , 6 , 3

Staff 64: 7 , 7 , 6 , 3 , 3

