

Juhani Nuorvala

Prelude in Pajara

for microtonal keyboard instrument

2021



Music Finland

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Prelude in Pajara (2021)

for microtonal keyboard instrument

Tune the instrument to the following octave-repeating twelve-note scale in 22 equal divisions of the octave (22EDO), starting from C (0\22)

0\22, 2\22, 4\22, 6\22, 8\22, 9\22, 11\22, 13\22, 15\22, 17\22, 19\22, 21\22

The notes F (9\22) and B (21\22) do not appear in the piece.

Here is the tuning in the Scala file format:

! PreludeInPajara.scl

!

Hexachordal dodecatonic

12

!

109.090909

218.181818

327.272727

436.363636

490.909091

600.000000

709.090909

818.181818

927.272727

1036.363636

1145.454545

2/1

Included is also the original version for Lumatone in Bosanquet-Wilson layout for 22EDO, with blue LEDs for sharps and green for flats. The note-heads in the score are similarly colored.

The notation of 22EDO is explained below.

Notation and tuning of 22 equal divisions of the octave.

Arrow up/down = quarter-tone (54.5 cents)

Enharmonic equivalents are shown (F = E[^], D[#] = E_v, C[^] = D_b, G[#]v = A_b[^] etc.)

step 21\22 0\22 1\22 2\22 3\22 4\22 5\22

1145.5c 0c 54.6c 109.1c 163.6c 218.2c 272.7c

8\22 9\22 10\22 11\22 12\22

490.9c 545.5c 600c 654.6c

16\22 17\22 18\22 19\22 20\22

872.7c 927.3c 981.8c 1036.4c 1090.9c

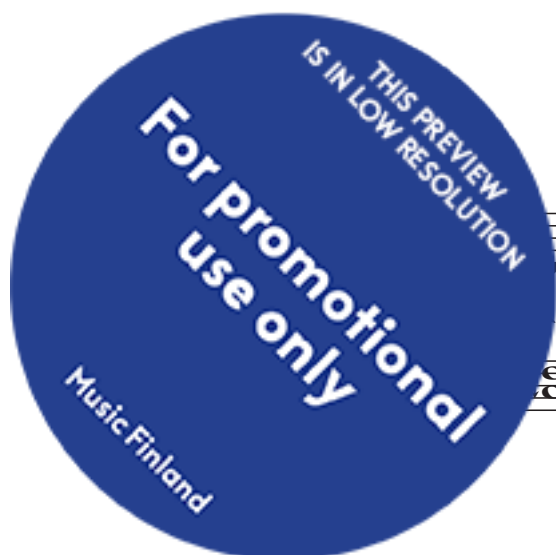
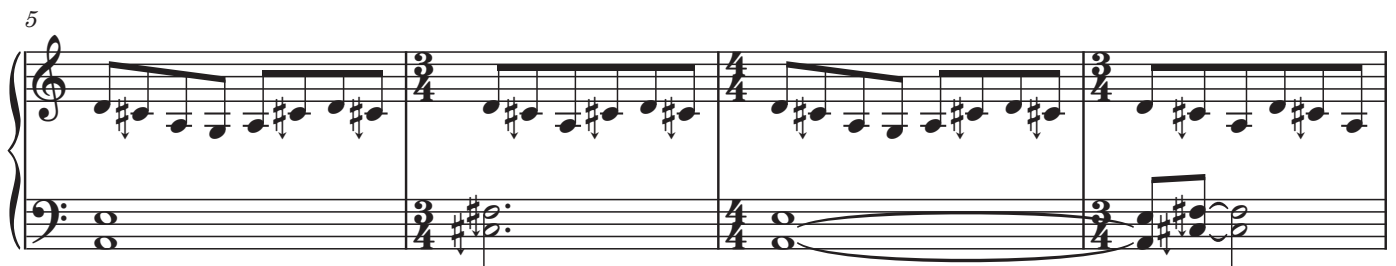
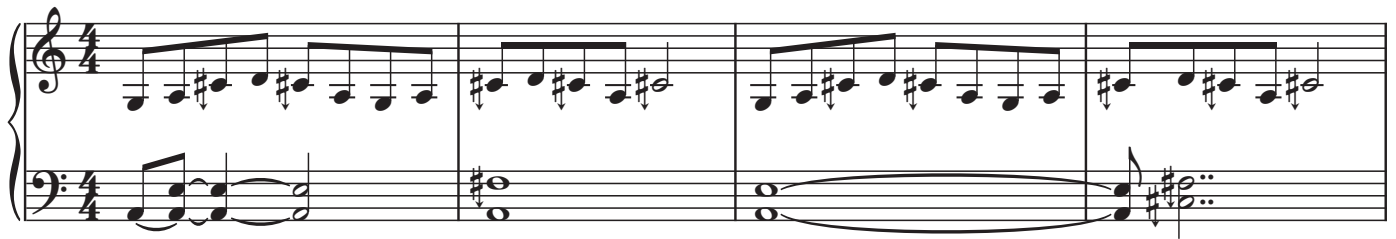
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Prelude in Pajara

Juhani Nuorvala

(22edo)

Lento ♩ = 60



$\text{♩} = 90 \leftarrow \text{♩} = \text{♩} \rightarrow$

17

Musical score for measures 17-20. The piece is in D major. Measures 17 and 18 are in 2/4 time, featuring a continuous eighth-note pattern in both hands. Measures 19 and 20 are in 5/4 time, with the right hand playing a series of eighth notes and the left hand holding a sustained chord.

 $\text{♩} = 60 \leftarrow \text{♩} = \text{♩} \rightarrow$

21

Musical score for measures 21-24. Measures 21 and 22 are in 6/8 time, with the right hand playing a series of eighth notes and the left hand holding a sustained chord. Measures 23 and 24 are in 2/4 time, with the right hand playing a series of eighth notes and the left hand holding a sustained chord.

26

Musical score for measures 26-29. Measures 26 and 27 are in 3/4 time, with the right hand playing a series of eighth notes and the left hand holding a sustained chord. Measures 28 and 29 are in 4/4 time, with the right hand playing a series of eighth notes and the left hand holding a sustained chord.

 $\text{♩} = 90 \leftarrow \text{♩} = \text{♩} \rightarrow$

30

Musical score for measures 30-33. Measures 30 and 31 are in 6/8 time, with the right hand playing a series of eighth notes and the left hand holding a sustained chord. Measures 32 and 33 are in 4/4 time, with the right hand playing a series of eighth notes and the left hand holding a sustained chord.

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Musical score for measures 34-37. Measures 34 and 35 are in 4/4 time, with the right hand playing a series of eighth notes and the left hand holding a sustained chord. Measures 36 and 37 are in 4/4 time, with the right hand playing a series of eighth notes and the left hand holding a sustained chord.

Preludes for Lumatone

Juhani Nuorvala

1. Pajara (22edo)

Lento ♩ = 60

5

9

13

17

21

26

♩ = 90 ← ♩ = ♩ →

♩ = 60 ← ♩ = ♩ →

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