

Floating Lighthouse



Robert Casteels

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The Floating Lighthouse is a collaborative art work by visual artist Milenko Prvački, interactive artist Ryf Zaini and sonic artist Robert Casteels.

Located off the waterfront promenade of Singapore's Marina Bay opposite the red Dot Design Museum, *The Floating Lighthouse* was one of the 33 sustainable light art installations presented by the festival *I light singapore – bicentennial edition* held from 28 January to 24 February 2019 in conjunction with the Singapore Bicentennial commemoration.

The Floating Lighthouse consists of six light structures made of ready-made materials, metal and fiberglass that float on the water, lights inside and on the top of the six structures, underwater cables connected to loudspeakers that diffuse the six pre-recorded sound tracks and a console on land that enables members of the public to start the sound by touching the console. As they press on the six buttons, switches trigger sound and light. If they intermittently press them, then the sound and light will react accordingly because specific sound and light are assigned to each structure. This gives the viewers the ability to conduct their own light show and provides them with a synesthetic experience. *The Floating Lighthouse* is a sustainable artwork as the materials are ready-made, recycled, domestic and industrial plastic. The lighting fixtures are LEDs that are encased in a fiberglass shell and that consume little energy. The size of each structure is approximately 120 – 80cm (h) x 30 - 50cm (w) x 3cm (l).

The Floating Lighthouse expresses reflection and irradiates peacefulness.

The Floating Lighthouse shows convergence in both directions in and out of the port of call, our country Singapore.

The Floating Lighthouse welcomes you to Singapore, our beacon of light, our home.

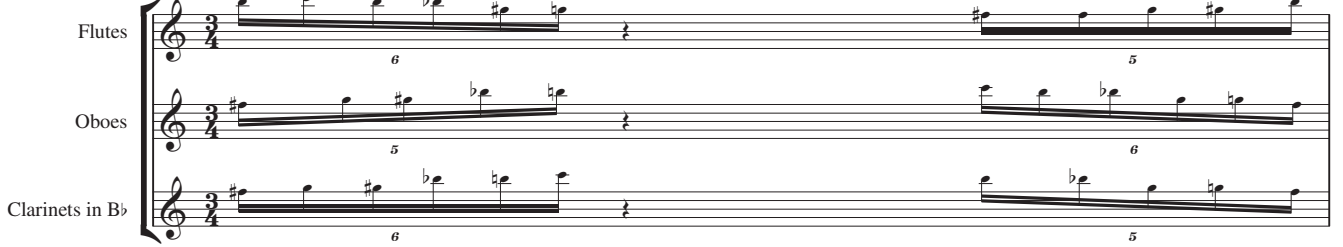
Floater 1

$\text{♩} = 60$

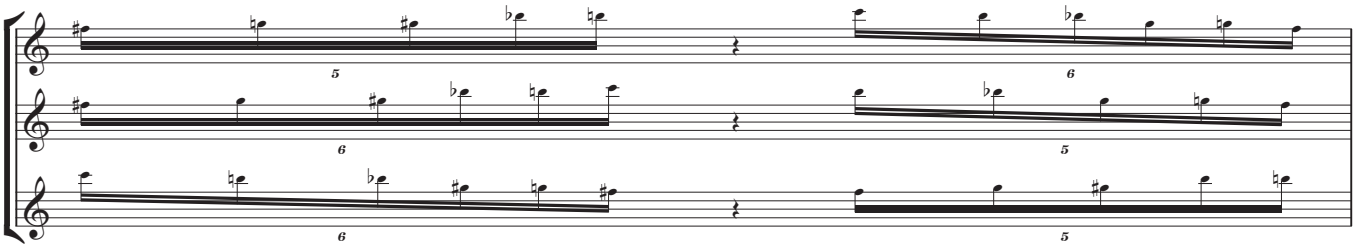
Flutes

Oboes

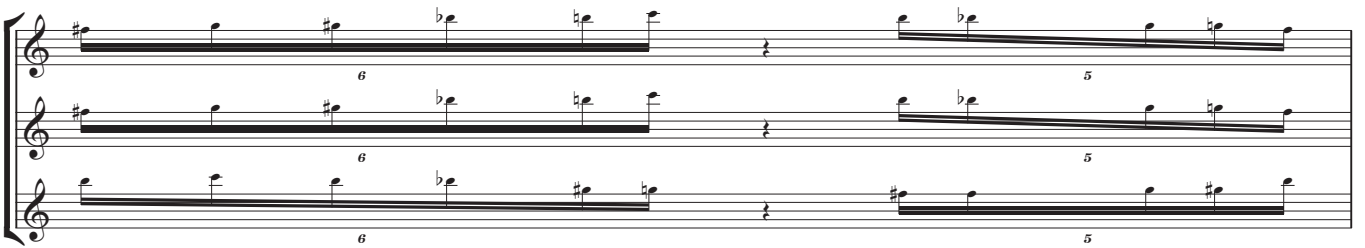
Clarinets in B \flat



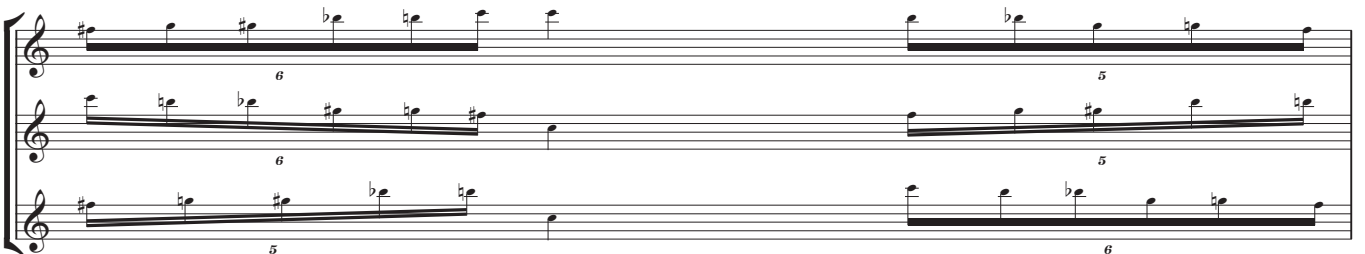
Measures 1-2 of the Floater 1 section. The Flutes part starts with a sixteenth-note triplet (G4, A4, B4) followed by a quarter rest, then a quarter note (C5) and a quarter note (B4). The Oboes part starts with a sixteenth-note triplet (F#4, G4, A4) followed by a quarter rest, then a quarter note (B4) and a quarter note (A4). The Clarinets in B-flat part starts with a sixteenth-note triplet (F#4, G4, A4) followed by a quarter rest, then a quarter note (B4) and a quarter note (A4). Fingerings 6 and 5 are indicated for the final notes.



Measures 3-4 of the Floater 1 section. The Flutes part starts with a sixteenth-note triplet (B4, C5, B4) followed by a quarter rest, then a quarter note (A4) and a quarter note (G4). The Oboes part starts with a sixteenth-note triplet (A4, B4, A4) followed by a quarter rest, then a quarter note (G4) and a quarter note (F#4). The Clarinets in B-flat part starts with a sixteenth-note triplet (A4, B4, A4) followed by a quarter rest, then a quarter note (G4) and a quarter note (F#4). Fingerings 5 and 6 are indicated for the final notes.



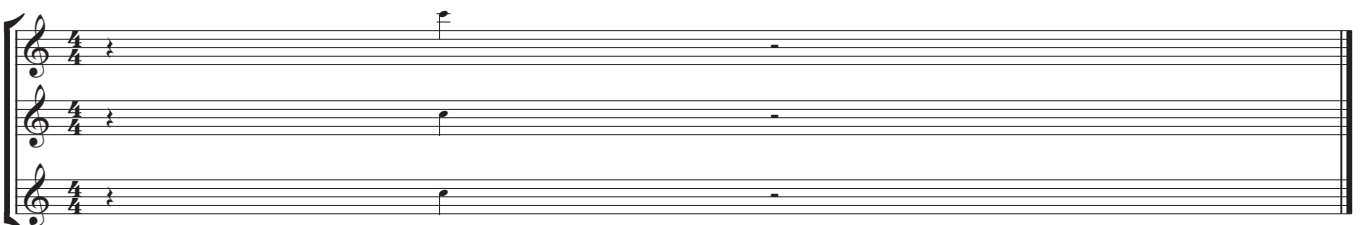
Measures 5-6 of the Floater 1 section. The Flutes part starts with a sixteenth-note triplet (G4, A4, B4) followed by a quarter rest, then a quarter note (C5) and a quarter note (B4). The Oboes part starts with a sixteenth-note triplet (F#4, G4, A4) followed by a quarter rest, then a quarter note (B4) and a quarter note (A4). The Clarinets in B-flat part starts with a sixteenth-note triplet (F#4, G4, A4) followed by a quarter rest, then a quarter note (B4) and a quarter note (A4). Fingerings 6 and 5 are indicated for the final notes.



Measures 7-8 of the Floater 1 section. The Flutes part starts with a sixteenth-note triplet (B4, C5, B4) followed by a quarter rest, then a quarter note (A4) and a quarter note (G4). The Oboes part starts with a sixteenth-note triplet (A4, B4, A4) followed by a quarter rest, then a quarter note (G4) and a quarter note (F#4). The Clarinets in B-flat part starts with a sixteenth-note triplet (A4, B4, A4) followed by a quarter rest, then a quarter note (G4) and a quarter note (F#4). Fingerings 6 and 5 are indicated for the final notes.



Measures 9-11 of the Floater 1 section. The Flutes part starts with a sixteenth-note triplet (B4, C5, B4) followed by a quarter rest, then a quarter note (A4) and a quarter note (G4). The Oboes part starts with a sixteenth-note triplet (A4, B4, A4) followed by a quarter rest, then a quarter note (G4) and a quarter note (F#4). The Clarinets in B-flat part starts with a sixteenth-note triplet (A4, B4, A4) followed by a quarter rest, then a quarter note (G4) and a quarter note (F#4). Fingerings 6 and 5 are indicated for the final notes.



Measures 12-14 of the Floater 1 section. The Flutes part starts with a quarter rest, then a quarter note (C5) and a quarter note (B4). The Oboes part starts with a quarter rest, then a quarter note (A4) and a quarter note (G4). The Clarinets in B-flat part starts with a quarter rest, then a quarter note (G4) and a quarter note (F#4). The section concludes with a double bar line.

Floater II

♩ = 60

Horn in F
Horn in F
Trumpets in B♭
Trombone
Bass Trombone
Tuba

Hn.
Hn.
Tpt.

Hn.
Hn.
Tbn.
B. Tbn.

Tbn.
B. Tbn.
Tba.

Tpt.
Tbn.
B. Tbn.
Tba.

Floater III

♩ = 60

Vibraphone

Harp

Vib.

Hp.

Vib.

Hp.

Vib.

Hp.

Vib.

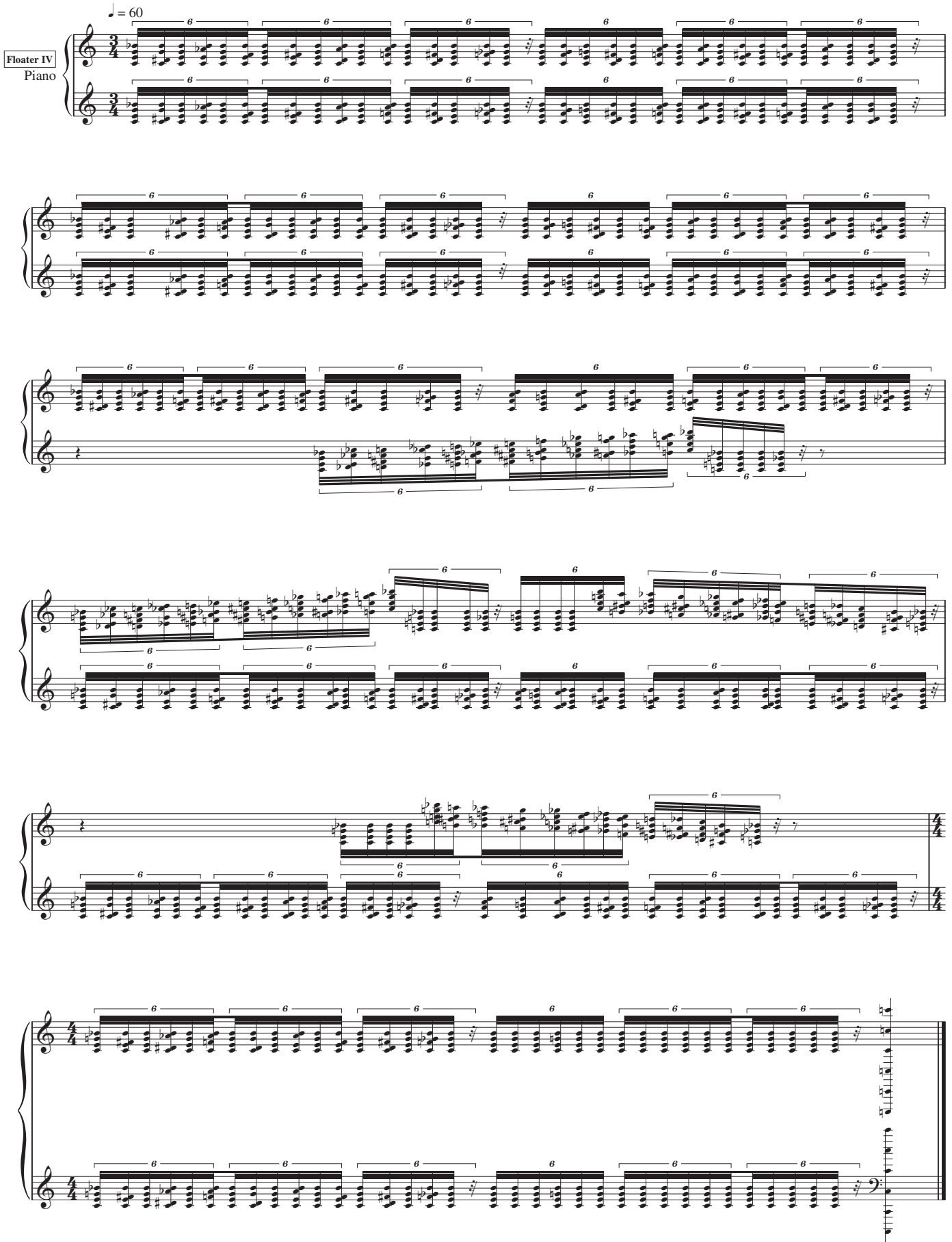
Hp.

Vib.

Hp.

Floater IV
Piano

$\text{♩} = 60$

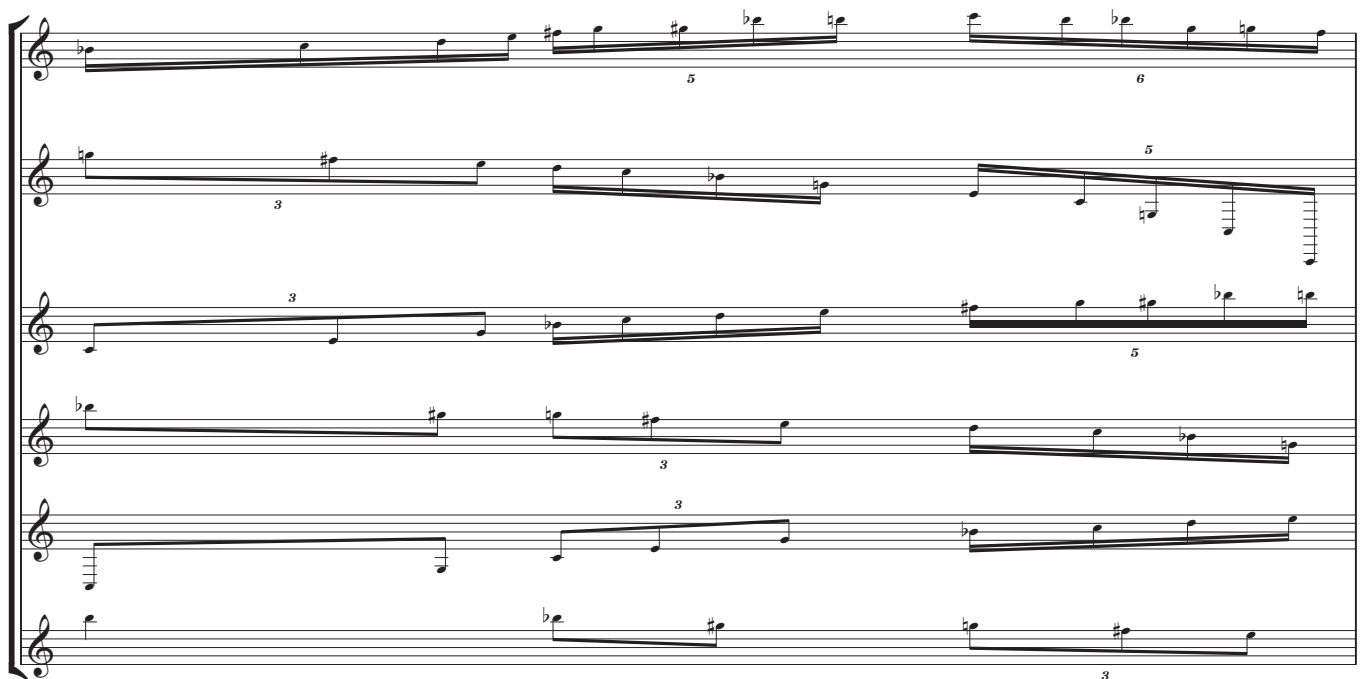


Floater V

$\text{♩} = 60$ pizz.



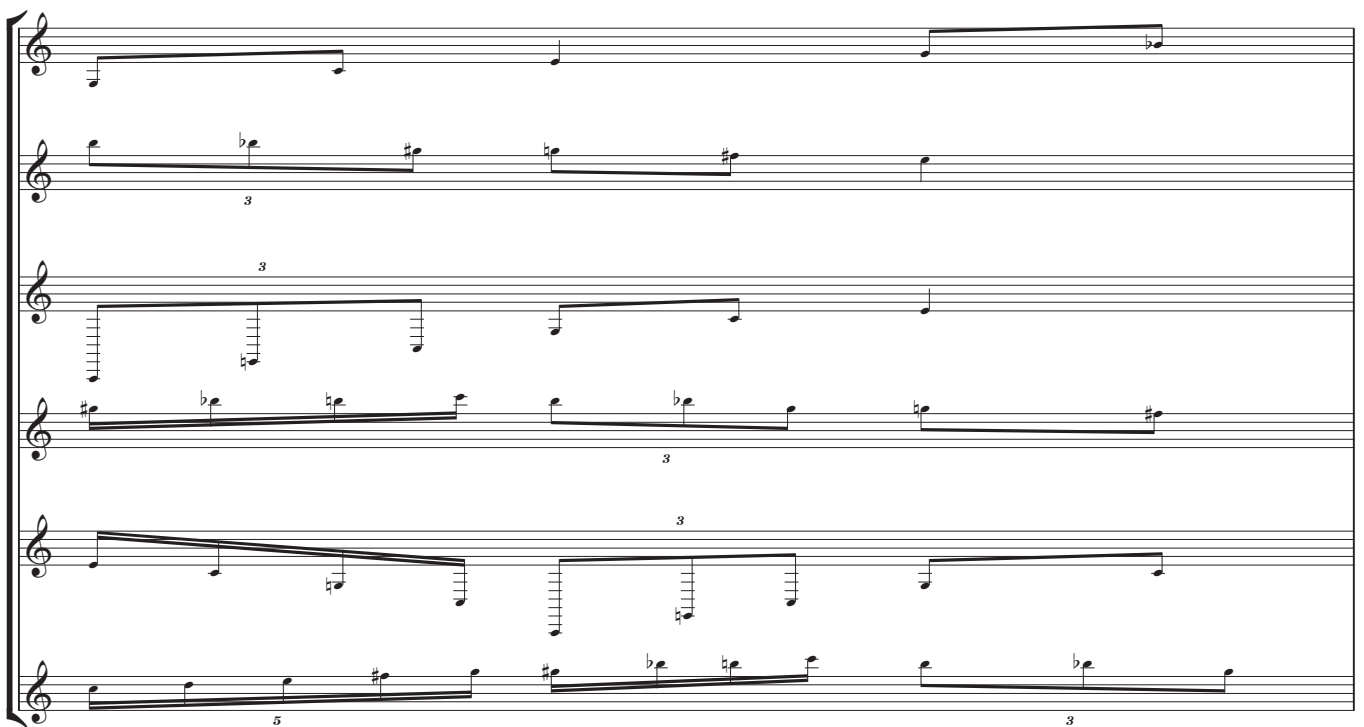
Musical score for six string parts (String pizz 1 to String pizz 6) in 3/4 time. The tempo is marked as quarter note = 60. The score includes various musical notations such as notes, rests, and dynamic markings like 'pizz.'. A triplet of eighth notes is indicated with a '3' above the notes in the first staff.



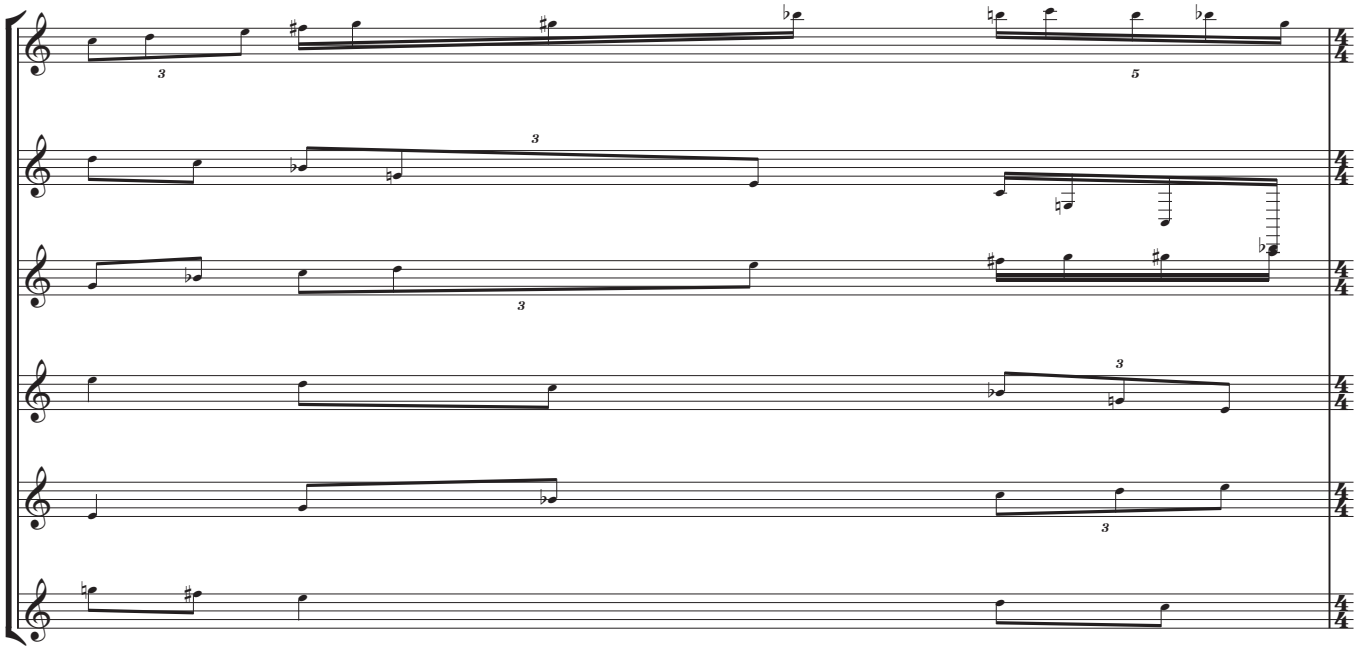
Musical score for six string parts, continuing from the previous section. It features complex melodic lines with various intervals, accidentals, and dynamic markings. Triplet markings (3) are present in several staves.



Musical score system 1, consisting of six staves. The notation includes various musical symbols such as treble clefs, notes, rests, and accidentals. Fingerings are indicated by numbers 5 and 6. A triplet of eighth notes is marked with a '3' above it in the first staff.



Musical score system 2, consisting of six staves. The notation includes various musical symbols such as treble clefs, notes, rests, and accidentals. Fingerings are indicated by numbers 3 and 5. A triplet of eighth notes is marked with a '3' above it in the second staff.



Musical score system 1, consisting of six staves. The first staff contains a triplet of eighth notes and a quintuplet of eighth notes. The second staff contains a triplet of eighth notes. The third staff contains a triplet of eighth notes. The fourth staff contains a triplet of eighth notes. The fifth staff contains a triplet of eighth notes. The sixth staff contains a triplet of eighth notes.



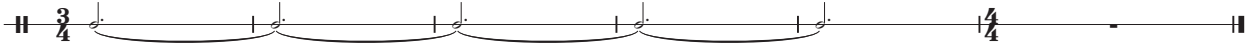
Musical score system 2, consisting of six staves. The first staff contains a sextuplet of eighth notes, a quintuplet of eighth notes, and a septuplet of eighth notes. The second staff contains a quintuplet of eighth notes, a sextuplet of eighth notes, and a quintuplet of eighth notes. The third staff contains a quintuplet of eighth notes, a sextuplet of eighth notes, and a quintuplet of eighth notes. The fourth staff contains a quintuplet of eighth notes, a sextuplet of eighth notes, and a quintuplet of eighth notes. The fifth staff contains a quintuplet of eighth notes, a sextuplet of eighth notes, and a quintuplet of eighth notes. The sixth staff contains a triplet of eighth notes, a quintuplet of eighth notes, and a septuplet of eighth notes.



Floater VI

$\text{♩} = 60$

Seashore



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