

Decoded

for Unaccompanied
Bb Trumpet

Zoe Gougousidis

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Decoded

solo for Bb Trumpet
written for Natasha Williams



Decoded is a piece written for solo Bb trumpet, and was composed in 2021 by Zoe Gougousidis.

It was premiered by Natasha Williams on the 11th of June, 2021.

The piece is constructed from various number processes, and aims to utilise these techniques in the creation of a virtuosic solo in a cadenza like style.

The inspiration behind this piece is OAK chocolate milk - the barcode and the company slogan were both used in the application of numbers in the piece.

The first number technique used is the tone row, and various transformations via a matrix. The prime row was constructed using the barcode of the 600mL OAK chocolate milk carton where the numbers indicate interval.

The first separate number and the zero in the code were used as dynamic indicators, as 9 and 0 are the smallest and largest single digit numbers.

At the places these numbers occur in the sequence a dynamic contrast takes place.

The rest of the numbers indicate the interval between notes in the row.

The rest of the section is based on these 12-tone rows. Palindromic pitches are used in the beginning of this section as well.

The B section is a more energetic section, with increased momentum.

It acts as a contrast to the first section, and this contrast is solidified by the pitches used. This section, rather than tone rows, utilises the Fibonacci Sequence to determine it's pitches.

From a starting note, pitches ascend and descend in the Fibonacci Sequence via semitones.

The C section is a recurrence of the A section, utilising the same processes.

The last main number process utilised in this piece is the application of number values to letters, which is used to spell words in the music.

Each letter of the alphabet was allocated a number, and the number of notes per phrase in this piece represents these numbers.

The total number of the notes in the piece indicates letters associated with a sentence, and each letter (or group of notes) is separated by rests. This determines the durations and phrasing.

The piece spells out the slogan of OAK: 'Kill Hungry Thirsty Dead'.

This piece was written for my good friend Natasha Williams, who was in her second year at the Sydney Conservatorium of Music at the time this piece was written.

This piece is dedicated to and was premiered by her.

for Natasha Williams

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Prime 0 Tone Row (concert pitch)

Musical notation for the Prime 0 Tone Row in concert pitch, showing a sequence of notes on a staff.

A Freely ♩ = 85

Musical notation for measures 1-9, including dynamics *ff*, *pp*, and *f*, and labels P0 and P7.

Musical notation for measures 10-18, including dynamics *p* and *mf*, and label I10.

Musical notation for measures 19-22, including dynamics *mp*, *mf*, *p*, *f*, and *pp*, and labels RI10, R7, and R0.

Musical notation for measures 23-29, including dynamics *ff* and *pp*, and label I3.

Musical notation for measures 30-33, including dynamics *p*, *f*, and *mf*, and labels RI11 and I0.

Musical notation for measures 34-36, including dynamics *mp* and *mf*, and label P0.