

Transposed Score

Katharina S. G. Mueller (2024)

Unsupervised

for Flute Quartet

Ca. 8:00'

Copyright Katharina Mueller 2024 (BMI)

“Unsupervised” is inspired by an AI art installation of the same name, created by the Turkish artist and designer Refik Anadol, and which is currently on exhibition at the Museum of Modern Art in New York City. The installation is a “meditation on technology, creativity, and modern art,” wherein Anadol trained an AI generator to machine-learn and interpret the publicly available data of MoMA’s collection” (The Museum of Modern Art, 2023). The movements of this machine art fold and fluctuate like a liquid, whose waves are made of particles of color. In this flute quartet, I sought to reflect Anadol’s dynamic pixelated topography in a sonic landscape, stretching the axes of time and color, exploring all corners of register, and creating a continuous fluid motion of sound.

To reach out to the composer, contact katya.mueller.24@gmail.com

Notes on the Piece:

There are a number of metric modulations in this piece. Where these modulations are brief, these are marked only by note value equivalence.



This is especially in cases where a triplet duration is needed, but doesn’t fit into a triplet division.

a 2/4 measure the duration of two quarter-note triplets



Where a metric modulation is sustained for any long period of time, the note value equivalence will be accompanied by the numerical BPM.

Take care to make especial contrast in bright versus dark moments in the music (high vs. low and loud vs. soft), and to keep the fluid nature of the music through all scale and arpeggio gestures rising and falling throughout the piece.

Unsupervised

for flute quartet

Katharina S. G. Mueller (2024)

$\text{♩} = 120$ $\text{♩}^{\text{3}} = \text{♩}$ $\text{♩} = \text{♩}^{\text{3}}$ $\text{♩}^{\text{3}} = \text{♩}$

Piccolo

Flute

Alto Flute

Bass Flute

$\text{♩} = 180$ $\text{♩} = \text{♩}^{\text{3}}$ ($\text{♩} = 120$) **8** Chaotic

Picc.

Fl.

A. Fl.

B. Fl.

10

Picc. *f* *p* *f* *p* *f*

Fl. *p* *f* *p* *f* *f*

A. Fl. *f* *f* *p* *f* *p*

B. Fl. *f* *mf* *f* *mf* *f*

Furious!

15

♩³ = ♩ (♩ = 180)♩³ = ♩ (♩ = 120)

Picc. *f* *f* *f* *f* *ff*

Fl. *mp* *f* *mf* *f* *ff*

A. Fl. *f* *mp* *f* *mp* *f* *ff*

B. Fl. *mf* *f* *mf* *f* *ff*

19 20 G.P.

Picc. *p* *ff*

Fl. *p* *f* *p* *ff*

A. Fl. *p* *f* *pp* *p* *mf* *ff*

B. Fl. *p* *f* *pp* *tr* *mf* *p* *ff*

Detailed description: This block contains the musical score for measures 19 and 20. It features four staves: Piccolo, Flute (Fl.), Alto Flute (A. Fl.), and Bass Flute (B. Fl.). Measure 19 is in 4/4 time and contains a triplet of eighth notes in each part. Measure 20 is in 3/4 time and features a complex rhythmic pattern with various dynamics including *p*, *f*, *pp*, *mf*, and *ff*. A trill is indicated in the Bass Flute part. The score concludes with a 'G.P.' (Grave) marking.

rit. 26 ♩ = 100 Mysterious

trill half-steps

24

Picc. *ff* *p*

Fl. *ff* *p*

A. Fl. *ff* *p*

B. Fl. *ff* *p*

Detailed description: This block contains the musical score for measures 24, 25, and 26. It features four staves: Piccolo, Flute (Fl.), Alto Flute (A. Fl.), and Bass Flute (B. Fl.). Measure 24 is in 3/4 time and includes a trill half-step exercise. Measure 25 is in 4/4 time and features a trill. Measure 26 is in 3/4 time and contains triplet patterns in the Alto and Bass Flute parts. The score is marked 'rit.' (ritardando) and 'Mysterious' with a tempo of ♩ = 100. Dynamics range from *ff* to *p*.

Eruptive
(♩ = 150)

Mysterious
♩ = ♩³ (♩ = 100)



36

Picc. *p* < *mf* >

Fl. *mf* > *p*

A. Fl. *mf* *mp* > *p*

B. Fl. < *mf* > *mp* > *p*

Eruptive
(♩ = 150)

40

Picc. *mf*

Fl. *mf*

A. Fl. *mf* *p* < *f* > *p* *mf*

B. Fl. *mf* *p* < *f* > *p* *mf*

43

Picc. *p* *f* *p* *mf*

Fl. *p* *f* *mp* *f*

A. Fl. *p* *f* *p* *f* *p* *mf* *p* *f* *p*

B. Fl. *p* *f* *p* *f* *p* *mf* *f*

46

Picc. *p* *mf*

Fl. *p* *f* *p* *mp* *mf*

A. Fl. *p* *f* *p* *mp* *mf*

B. Fl. *f* *p* *mp* *mf*

brief pause = a breath

52 Freely ♩ ≈ 100

50

Picc. *pp* *f* Solo *flz.*

Fl. *pp* *ff* *pp*

A. Fl. *pp* *ff* *p*

B. Fl. *p* *ff* *p*

53

Picc. *flz.*

Fl.

A. Fl.

B. Fl.

G.P. 59 ♩ = 60 Ethereal, Serene

57 To Fl.

Picc.

Fl.

A. Fl.

B. Fl.

Melody

with flute 2

66 ♩ = 80 Moving More

62 Flute

Picc.

Fl.

A. Fl.

B. Fl.

alto flute melody

alto flute melody

alto flute melody

67

Fl. *mf* *mp* *mf* *f*

Fl. *mf* *p* *mp* *mf* *f*

A. Fl. *mp* *p* *mf*

B. Fl. *mp* *p* *mf*

73

Fl. *p*

Fl. *mf* *mp* *pp* *p*

A. Fl. *mf* *mp* *p*

B. Fl. *mf* *mp* *p*

Explosive
(♩ = 120)

78

Fl. *f* *p* *p* 4

Fl. *f* *pp* *p* 4

A. Fl. *f* *p* 2 2

B. Fl. *p* 2 2

Explosive

81 To Picc.

Fl. *f* *p* To Picc.

Fl. *f* *pp* *f* *p* 3 3

A. Fl. *mf* *pp* *f* *p* 3 3

B. Fl. *pp* *f* *p* 3 3

88 ♩ = 80 Flowing, Lovely

86

Fl.

Fl.

A. Fl.

B. Fl.

3 3 *ff* 3 *mf* 3

3 3 *ff* 3 *mf* 3 3 3

3 3 *ff* 3 *mf* 3 3 3

Piccolo

Melody

89

Picc.

Fl.

A. Fl.

B. Fl.

mf 5 *f* 6 3 *mp* *f* 6 6 *mp* *mf* 6

p *mf* *p* *mf* 3 3 *p* *mf* *mp* 5 6 *f*

p *mf* *p* *mf* 3 3 3 *p* *mf* *p* *mf*

p *mf* *p* *mf* 3 3 3 *p* *mf* *p* *mf*

92

Picc. *mp* *mf* *mp* *mf* *mp* *mp*

Fl. *mp* *mf* *p* *mf*

A. Fl. *p* *mf* *p* *mf*

B. Fl. *p* *mf* *p* *mf*

96

Picc. *f* *p* *mp* *p* *mf*

Fl. *f* *p* *mf*

A. Fl. *f* *mp* *mf*

B. Fl. *f* *mp* *mf*

G.P.

99

Picc. *mp* *f* *p* *mf* *pp*

Fl. *mp* *f* *mp* *f* *p*

A. Fl. *mp* *f* *rubato* Solo

B. Fl. *mp* *f* *mp* *p*

104 ♩ = 72 Mysterious

Picc. *p* *pp* *p* *pp*

Fl. *pp* *p* *pp* *p*

A. Fl. *pp* *p* *pp* *p*

B. Fl. *pp* *p* *pp* *p*

108

Picc. *p* *mp* *p* *p*

Fl. *p* *mp* *mf* *p* *p* *mf* *5*

A. Fl. *p* *mp* *p* *mp* *p* *mf* *5*

B. Fl. *p* *mp* *p* *mp* *p* *mf* *5*

114

Picc. *mf* *p* *mf* *p*

Fl. *f* *p* *f* *p*

A. Fl. *p* *p* *mp* *p* *mp*

B. Fl. *p* *p* *mp* *p* *mp*

growing more agitated

growing more agitated

growing more sluggish

growing more sluggish

♩ = 108 ♩ = 72 ♩ = 108

118

Picc. *mf* *p* *mp* *p*

Fl. *f* *p* *mf* *p*

A. Fl. *mp* *mf*

B. Fl. *mp* *mf*

♩ = 72

122

Picc. *mp* *mp*

Fl. *mf* *p* *p* *mp* *p*

A. Fl. *p* *mf* *p* *mp*

B. Fl. *f* *f*

Solo rubato

rubato, solo

126

Picc. mf p mf

Fl. f p f

A. Fl. mf p f

B. Fl. *rubato, solo* f p f

131 Freely, Soaring

130

Picc.

Fl.

A. Fl. p

B. Fl. *Solo* mf ff mf f mf

138 ♩ = 120 Light, Airy

136

Picc. *flz.* *pp*

Fl. *pp* 3 3

A. Fl. *p* 3 3 3 *ppp*

B. Fl. *mp* *p*

141

Picc. *flz.* *pp*

Fl. *pp* 3 3 *p*

A. Fl. *p* 3 3 3 *ppp*

B. Fl. *mp* *p*

146 ♩ = 80 Darker

Musical score for measures 146-148. The score is for Piccolo (Picc.), Flute (Fl.), and Bass Flute (B. Fl.). The tempo is marked as ♩ = 80 Darker. The key signature has one sharp (F#). The time signature changes from 5/4 to 4/4. The Piccolo part is silent. The Flute part features triplets and dynamic markings of *pp* and *f*. The Bass Flute part also features triplets and dynamic markings of *pp* and *f*.

151 ♩ ≈ 108 Moving More

Musical score for measures 149-151. The score is for Flute (Fl.) and Bass Flute (B. Fl.). The tempo is marked as ♩ ≈ 108 Moving More. The key signature has one sharp (F#). The time signature changes from 5/4 to 2/4. The Piccolo part is silent. The Flute part features triplets and quartets, with dynamic markings of *f* and *p*. The Bass Flute part features triplets and quartets, with dynamic markings of *f* and *p*.

poco accel.

153

Picc.

Fl.

A. Fl.

B. Fl.

mf

mp

f

159 ♩ = 120 Perpetual Motion

Exclamatory!

158

Picc.

Fl.

A. Fl.

B. Fl.

p

f

f

f

162

Picc. *f* *tr*

Fl. *p* *f* *p* *3*

A. Fl. *p* *f* *p* *3*

B. Fl. *p* *f* *p* *3*

166

Picc. *ff* *tr* *mp* *mf*

Fl. *mf* *ff* *p* *mp* *mf*

A. Fl. *mf* *ff* *p* *mp* *mf*

B. Fl. *mf* *ff* *p* *mp*

171 Sudden Stillness

170 Picc. *ff* *tr* *G.P.* *G.P.* *pp* 3 3

Fl. *ff* *tr* 3 *pp* 3 3 3

A. Fl. *ff* *tr* 3 *pp* 3 3 3

B. Fl. *ff* *tr* 3 *pp* 3 3 3

177 Furious!!!

175 Picc. *tr* *ff* *tr* *tr* *tr*

Fl. *tr* *p* *tr* *tr* *tr* *ff* 3 3 3 3 3 3

A. Fl. *tr* *p* *tr* *tr* *tr* *ff* 3 3 3 3 3 3

B. Fl. *tr* *p* *tr* *tr* *tr* *ff* 3 3 3 3 3 3

182

Picc.

Fl.

A. Fl.

B. Fl.

mf ³ < ff mf ³ < ff

185

Picc.

Fl.

A. Fl.

B. Fl.

3

3

3

3

3

3

3

3

188

Picc. *mf* — *ff* *mf* — *ff* *ff* *trm*

Fl. *mf* — *ff*³ *mf* — *ff*³ *ff*

A. Fl. *mf* — *ff* *mf* — *ff* *ff*

B. Fl. *mf* — *ff* *mf* — *ff* *ff*

192 ♩ = 180

191

Picc. *p* *mp* — *ff*³ — *mp*

Fl. *p* *mp* — *ff* — *mp*

A. Fl. *p* *p* — *f* — *p*

B. Fl. *p* — *f* — *f* — *p*

♩ = 120 Losing Energy

♩ = 80 Losing Energy

195

Picc. *mp* *5* *ff* *mp*

Fl. *mp* *ff* *mp*

A. Fl. *p* *ff* *p*

B. Fl. *p* *f* *p*

♩ = 45 Lethargic

203 ♩ = 90 Rising, Incendiary

200

Picc. *mf*

Fl. *mf* *pp*

A. Fl. *p* *mf* *pp* *p*

B. Fl. *p* *f* *pp* *mf*

205

The image shows a musical score for four parts: Piccolo (Picc.), Flute (Fl.), Alto Flute (A. Fl.), and Bass Flute (B. Fl.). The score covers measures 205 to 209. The Piccolo part starts in measure 205 with a rest, then enters in measure 206. The Flute part starts in measure 206. The Alto Flute and Bass Flute parts start in measure 205. The music is written in treble clef with a key signature of one sharp (F#). The dynamics range from piano (p) to fortissimo (ff). There are various articulations and phrasing marks, including slurs, accents, and breath marks. Fingerings are indicated by numbers 6 and 7. The Piccolo part has a 6-measure slur in measure 208 and a 7-measure slur in measure 209. The Flute part has a 7-measure slur in measure 206 and a 6-measure slur in measure 208. The Alto Flute part has a 7-measure slur in measure 205 and a 6-measure slur in measure 208. The Bass Flute part has a 7-measure slur in measure 205 and a 6-measure slur in measure 208.

Picc. *p* *mf p* *f p* *ff*

Fl. *p* *mf p* *mf p* *f p* *ff*

A. Fl. *mf p* *mf p* *f mp* *f p* *ff p* *ff*

B. Fl. *p* *mf p* *f mp* *f p* *ff p* *ff*