

Orbit

Elysia Arntzen

Perusal Score

Program Note

Orbit is divided into three sections; the form, melodic motives, and rhythms of the first section are derived using the Fibonacci sequence. The second section includes a melody and an ostinato, both of which are derived from the Fibonacci sequence. The third section works as an overview of harmonies that have occurred throughout the other two sections. The entire piece can be viewed programmatically as an observation of a solar system while moving farther and farther away.

Orbit

Elysia Arntzen

♩ = 100

Vibraphone

ff *f* *p* *f* *mf* *f* *p* *f* *p*

Ped. Ped.

Vib. 4

ff *f* *p* *mf*

Ped.

Vib. 8

ff *pp* *f* *p* *mf* *p* *mf* *p* *mf*

Ped.

Vib. 11

f *ff* *f* *p* *f* *p* *f* *p*

Ped.

Vib. 15

ff *mf* *p* *f*

Ped.

Vib. 19

ff *f* *f* *pp* *f* *pp* *f* *pp*

Ped. Ped.

Orbit

4
22

Vib.

p *f* *ff* *mf* *ff* *f*

Lead

Detailed description: This system contains measures 22 through 26. It begins with a treble clef and a key signature of one sharp (F#). The time signature is 4/4. The music features a complex rhythmic pattern with many sixteenth and thirty-second notes. Dynamic markings include *p*, *f*, *ff*, *mf*, and *ff*. There are three 'Lead' markings with brackets underneath. The system ends with a fermata.

27

Vib.

p *mp* *f* *mf* *ff* *f*

Detailed description: This system contains measures 27 through 30. The key signature remains one sharp. The time signature changes to 3/4 for measures 27-28 and back to 4/4 for measures 29-30. Dynamics include *p*, *mp*, *f*, *mf*, and *ff*. A crescendo hairpin is shown between measures 27 and 29. The system ends with a fermata.

31

Vib.

p *pp* *p* *pp* *p* *pp* *f*

Lead

Detailed description: This system contains measures 31 through 34. The time signature is 3/4. Dynamics include *p*, *pp*, and *f*. There are two 'Lead' markings with brackets underneath. The system ends with a fermata.

35

Vib.

ff *f* *p* *f* *p* *f* *p* *ff* *f* *p* *mf* *p* *mf* *p*

Lead

Detailed description: This system contains measures 35 through 38. The time signature is 3/4. Dynamics include *ff*, *f*, *p*, *ff*, *f*, and *p*. There are two 'Lead' markings with brackets underneath. The system ends with a fermata.

39

Vib.

mf *f* *ff* *f* *ff* *mf*

Lead

Detailed description: This system contains measures 39 through 42. The key signature changes to one flat (Bb). The time signature is 4/4. Dynamics include *mf*, *f*, *ff*, and *mf*. There is one 'Lead' marking with a bracket underneath. The system ends with a fermata.

43

Vib.

p *f* *pp* *f* *pp* *f* *pp* *ff* *f* *p* *f* *p* *f* *p*

Lead

Detailed description: This system contains measures 43 through 46. The key signature remains one flat. The time signature is 4/4. Dynamics include *p*, *f*, *pp*, *ff*, and *f*. There are two 'Lead' markings with brackets underneath. The system ends with a fermata.

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Vib. 47

mf pp f p f

Reed

Detailed description: This musical staff for Vibraphone (Vib.) starts at measure 47. It features a melodic line with various dynamics: *mf* (measures 47-48), *pp* (measures 49-50), *f* (measures 51-52), *p* (measures 53-54), and *f* (measures 55-56). The piece is in a key with one flat and a 2/4 time signature. There are reed marks below the staff in measures 49-50 and 53-56.

Vib. 52

ff f ff f p

Reed

Detailed description: This musical staff for Vibraphone (Vib.) starts at measure 52. Dynamics include *ff* (measures 52-53), *f* (measures 54-55), *ff* (measures 56-57), *f* (measures 58-59), and *p* (measures 60-61). The time signature changes to 3/4. Reed marks are present in measures 54-55 and 58-61.

Vib. 56

f mf pp mf pp mf pp

Detailed description: This musical staff for Vibraphone (Vib.) starts at measure 56. Dynamics include *f* (measures 56-57), *mf* (measures 58-59), *pp* (measures 60-61), *mf* (measures 62-63), *pp* (measures 64-65), *mf* (measures 66-67), and *pp* (measures 68-69). The time signature changes to 3/4. A reed mark is present in measure 60.

Vib. 60

f p f p f p ff mp f

Reed

Detailed description: This musical staff for Vibraphone (Vib.) starts at measure 60. Dynamics include *f* (measures 60-61), *p* (measures 62-63), *f* (measures 64-65), *p* (measures 66-67), *f* (measures 68-69), *p* (measures 70-71), *ff* (measures 72-73), *mp* (measures 74-75), and *f* (measures 76-77). The time signature changes to 2/4. A reed mark is present in measures 60-71.

Vib. 64

p mf ff f ff f p mf p mf p

Reed

Detailed description: This musical staff for Vibraphone (Vib.) starts at measure 64. Dynamics include *p* (measures 64-65), *mf* (measures 66-67), *ff* (measures 68-69), *f* (measures 70-71), *ff* (measures 72-73), *f* (measures 74-75), *p* (measures 76-77), *mf* (measures 78-79), *p* (measures 80-81), *mf* (measures 82-83), and *p* (measures 84-85). The time signature changes to 3/4. Reed marks are present in measures 64-71, 74-75, and 78-85.

Vib. 69

mf f ff f pp f pp f pp f mf

Reed

Detailed description: This musical staff for Vibraphone (Vib.) starts at measure 69. Dynamics include *mf* (measures 69-70), *f* (measures 71-72), *ff* (measures 73-74), *f* (measures 75-76), *pp* (measures 77-78), *f* (measures 79-80), *pp* (measures 81-82), *f* (measures 83-84), *pp* (measures 85-86), *f* (measures 87-88), *mf* (measures 89-90), and *f* (measures 91-92). The time signature changes to 2/4. Reed marks are present in measures 73-80, 83-84, and 87-92.

Orbit

6
74

Vib.

p *f* *ff* *p* *mf* *f* *p*

Reed

Detailed description: This system contains measures 6 through 74. It begins with a treble clef and a 2/4 time signature. The music features a complex rhythmic pattern with many sixteenth and thirty-second notes. Dynamic markings include *p*, *f*, *ff*, *p*, *mf*, *f*, and *p*. There are two 'Reed' markings with lines extending to the right.

77

Vib.

f *f* *p* *f* *p* *f* *p*

Reed

Detailed description: This system contains measures 77 through 80. The time signature changes to 2/4, then 3/4, and back to 2/4. The music continues with intricate rhythmic patterns. Dynamic markings include *f*, *f*, *p*, *f*, *p*, *f*, and *p*. A 'Reed' marking is present.

81

Vib.

pp *f* *p* *f* *mf* *ff* *f* *ff* *f* *p*

Reed

Detailed description: This system contains measures 81 through 83. The time signature changes to 4/4, then 3/4, and back to 2/4. Dynamic markings include *pp*, *f*, *p*, *f*, *mf*, *ff*, *f*, *ff*, *f*, and *p*. There are three 'Reed' markings.

84

Vib.

mf *ff* *f* *p* *f* *ff* *f*

Reed

Detailed description: This system contains measures 84 through 88. The time signature changes to 2/4, then 3/4, and back to 2/4. Dynamic markings include *mf*, *ff*, *f*, *p*, *f*, *ff*, and *f*. There are two 'Reed' markings.

89

Vib.

p *f* *ff* *f*

Detailed description: This system contains measures 89 through 93. The music features a mix of eighth and sixteenth notes. Dynamic markings include *p*, *f*, *ff*, and *f*. There are two 'Reed' markings.

94

Vib.

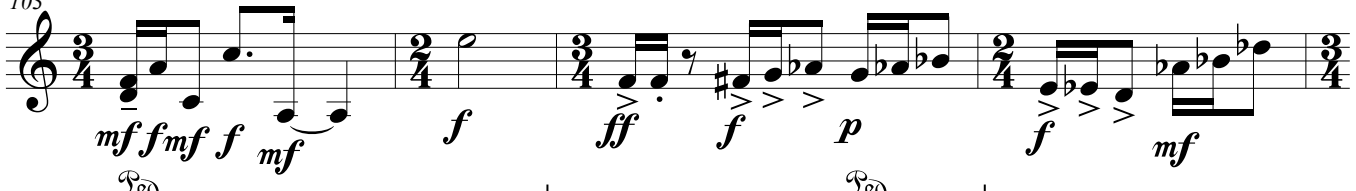
pp *p* *f* *ff* *f* *p* *f* *p* *f* *p*

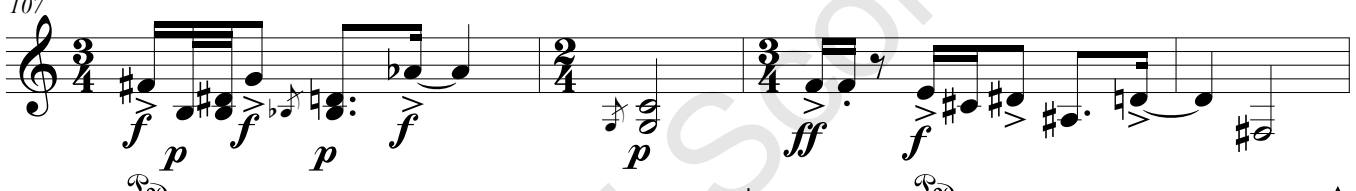
Reed

Detailed description: This system contains measures 94 through 97. The time signature changes to 2/4. Dynamic markings include *pp*, *p*, *f*, *ff*, *f*, *p*, *f*, *p*, *f*, and *p*. There are two 'Reed' markings.

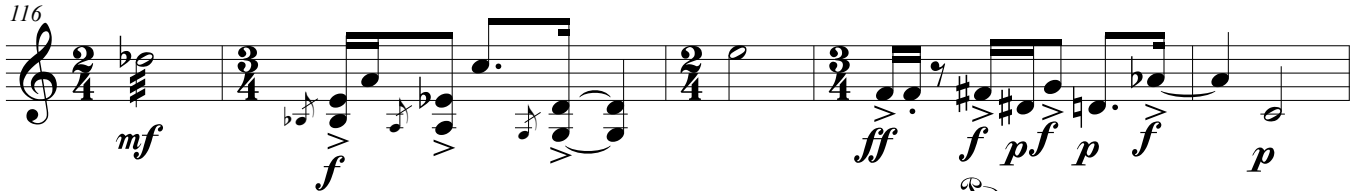
Orbit

99 Vib.  *mf* *f* *p pp p pp p* *pp* *f* *ff*

103 Vib.  *mf* *f* *mf* *f* *mf* *f* *ff* *f* *p* *f* *mf*

107 Vib.  *f* *p* *f* *p* *f* *p* *ff* *f*

111 Vib.  *p* *f* *p* *f* *p* *f* *p* *ff* *f* *p mf p mf p*

116 Vib.  *mf* *f* *ff* *f* *p* *f* *p* *f* *p*

121 Vib.  *ff* *mf* *p* *f* *pp* *ff*

Orbit

8
124

Vib.

mf *f* *p*

Rehearsal marks: Reo

128

Vib.

f *ff* *f* *p* *f* *p* *f* *p* *ff* *f*

Rehearsal marks: Reo

133

Vib.

p *f* *mf* *ff* *pp* *ff*

$\text{♩} = 60$

136

Vib.

p

Rehearsal marks: Reo

140

Vib.

144

Vib.

148 Orbit 9

Vib.

Ped.

152

Vib.

156

Vib.

pp

160

Vib.

164

Vib.

168

Vib.

10
172

Vib.

Orbit

176

Vib.

180

Vib.

184

Vib.

$\text{♪} = \text{♪} = 120$

187

Vib.

6 7 16

$\text{♪} = 180$

189

Vib.

16 3/4

194 $\text{♩} = 90$ Orbit 11

Vib. *p* *mf*

Vib. *p* *f*

Vib. *mp* *mf* *f*

Vib. *p* *mf* *p*

Vib. *f* *mp* *ff*

Vib. *accel.* *rall.* *a tempo* *pp*

12
230

Vib.

Orbit

p *f*

Ped.

236

Vib.

p *f*

Ped.

244

Vib.

f *mf* *mp* *p* *pp*

Ped.