

to kill a monarch

seed: 19800725

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(berlin, germany; 2020)

1.1

III $\frac{1}{1}$ II $\frac{1}{1}$ I $\frac{1}{1}$

+0 +0 +0

$\frac{1}{1}$ $\frac{1}{1}$ $\frac{1}{1}$

$\text{♩} = 60$

I

II

III

*

+2 +41 +0

$\frac{3}{2}$ $\frac{13}{8}$ $\frac{1}{1}$

+0 +4 +16 -49

III $\frac{1}{1}$ $\frac{9}{8}$ $\frac{6}{5}$ $\frac{11}{8}$

1.2

I

II

III

*

-31 +2

$\frac{7}{4}$ $\frac{3}{2}$

+0 +16 +2

$\frac{1}{1}$ $\frac{6}{5}$ $\frac{3}{2}$

+2 +41 -31 +0 +4 +16

$\frac{3}{2}$ $\frac{13}{8}$ $\frac{7}{4}$ $\frac{1}{1}$ $\frac{9}{8}$ $\frac{6}{5}$

+16 +0 -49 +4

$\frac{6}{5}$ $\frac{1}{1}$ $\frac{11}{8}$ $\frac{3}{2}$ $\frac{9}{8}$

+0 -31 +16 +4 +2 +0 +16 -31 +2

$\frac{7}{4}$ $\frac{1}{1}$ $\frac{6}{5}$ $\frac{9}{8}$ $\frac{3}{2}$ $\frac{1}{1}$ $\frac{6}{5}$ $\frac{7}{4}$ $\frac{3}{2}$

-31 +2

$\frac{7}{4}$ $\frac{3}{2}$

+0 +4 -49 +2 +4 +0 -31

III $\frac{1}{1}$ $\frac{9}{8}$ $\frac{11}{8}$ -1. $\frac{3}{2}$ $\frac{9}{8}$ $\frac{1}{1}$ $\frac{7}{4}$

13

1.3

Interval numbers for system 1.3:

- Measure 13: +4, +41, -49, +41, +16
- Measure 14: 9/8, 13/8, 11/8, 13/8, 6/5
- Measure 15: -49, +16, +4, +2, +41, -31, +0
- Measure 16: 11/8, 6/5, 1/1, 9/8, 3/2, 13/8, 7/4, 1/1, 7/4

17

1.4

Interval numbers for system 1.4:

- Measure 17: +41, -31, +0, -49, +2, +16, +4
- Measure 18: 13/8, 7/4, 1/1, 3/2, 11/8, 6/5, 9/8
- Measure 19: -49, +0, 11/8, 1/1
- Measure 20: +4, 9/8

21

1.5

Interval numbers for system 1.5:

- Measure 21: +41, 13/8
- Measure 22: +4, +16, -31, +0
- Measure 23: -49, +16, +2, +0, +41, -31, -49, +4, +41, +0, +2, -31
- Measure 24: 11/8, 6/5, 3/2, 1/1, 13/8, 7/4, 11/8, 9/8, 13/8, 1/1, 6/5, 7/4

(25)

Staff I: -31, +2

Staff II: +4, +2, -31, -49, +0

Staff III: +0

Staff *: +0, -31, +41

Time signatures: 9/8, 3/2, 7/4, 11/8, 1/1, 1/1, 7/4, 13/8

(29)

1.6

Staff I: +16

Staff II: +4, -49, +16, +41

Staff III: +0

Staff *: +0, +4, +16, -49

Time signatures: 6/5, 9/8, 11/8, 6/5, 13/8, 1/1, 9/8, 1/1, 6/5, 11/8, 1/1

(33)

Staff I: -49, +0, +2, +16, -31

Staff II: +4, +41, +16, +2

Staff III: -31, -49, +2, +16, -49, +41

Staff *: +41, +2, -31, -49, +0

Time signatures: 11/8, 1/1, 3/2, 6/5, 7/4, 13/8, 9/8, 6/5, 1/1, 3/2, 9/8, 13/8, 11/8, 1/1, 9/8, 3/2, 6/5, 13/8

1.7

37

I

II

III

*

+4

9/8

+16

6/5

+0

III^{1/1}

1.8

41

I

II

III

*

+2

3/2

-49

11/8

+4

9/8

-31

7/4

+2

3/2

+0

1/1

-49

11/8

+4

9/8

1.9

45

I

II

III

*

+41

13/8

+16

6/5

+2

3/2

+0

1/1

+41

13/8

-49

11/8

+16

6/5

+0

III^{1/1}

+2

3/2

-31

7/4

+4

9/8

-31

7/4

+2

3/2

+41

13/8

49 **1.9**

Staff I: +2, +0, +4, +41, -31
3/2, 1/1, 9/8, 13/8, 7/4

Staff II: -49, +41, +2
11/8, 13/8, 3/2

Staff III: +0
1/1

Staff *: -49
III 11/8

53 **1.10**

Staff I: -49, +16, +2, +0, +41
11/8, 6/5, 3/2, 1/1, 13/8

Staff II: +0, +4, +16, +0
1/1, 9/8, 6/5, 1/1

Staff III: +4, -49
9/8, 11/8

Staff *: +16, +0, -31, +0, +4, -49, -31
1/1, 6/5, 7/4, 1/1, 9/8, 11/8, III 7/4

57

Staff I: +4, -49, +16, -31, +2
9/8, 11/8, 7/4, 6/5, 9/8, 3/2

Staff II: +4, +2, +41
9/8, 3/2, 13/8

Staff III: -31
7/4

Staff *: +16
6/5

61 -49 1.11

I 11/8

II -31 7/4 -49 11/8 +16 6/5

III +16 6/5

* +4 III 9/8 +2 3/2

65 +0 1.12

I 1/1

II +41 13/8 +0 1/1

III +0 1/1

* +0 1/1 +4 9/8

69 +16 +41 1.13

I 6/5 13/8

II +16 6/5 +2 3/2 -31 7/4 +2 3/2

III +41 13/8 +2 3/2 -31 7/4 -49 11/8 +2 3/2 +4 9/8 +0 3/2 -31 7/4 +16 13/8 +41 6/5

* +16 III 6/5 -49 11/8 +41 13/8

73

Staff I: +4, +2, -49, +0, +4, +41, +2, +4, +0, +16, -49, -31
 Staff II: +4, -49, +41, -31
 Staff III: -49, +4, +0
 Staff *: -31, +0, +2

Rhythmic values: 9/8, 3/2, 11/8, 1/1, 9/8, 13/8, 7/4, 3/2, 9/8, 1/1, 6/5, 11/8, 7/4, 9/8, 13/8, 7/4, 1/1, 11/8, 9/8, 1/1, 11/8, 7/4, 1/1, 3/2

77

1.14

Staff I: +2, +0, +41, +2, +0, +4, +16
 Staff II: +2, +0
 Staff III: +41, +2, +0, +4, -31, -49, +2, +41
 Staff *: +4, +41, -31, +2, +16

Rhythmic values: 3/2, 1/1, 13/8, 3/2, 1/1, 9/8, 6/5, 3/2, 1/1, 13/8, 3/2, 1/1, 9/8, 7/4, 11/8, 3/2, 13/8, 9/8, 13/8, 11/8, 7/4, 1/1, 3/2, 6/5

81

1.15

Staff I: +0, -49, -31
 Staff II: +4, -49
 Staff III: -49
 Staff *: +0, +41

Rhythmic values: 11/8, 1/1, 7/4, 9/8, 11/8, 11/8, 1/1, 13/8

85

I

II

III

*

+0 +41 +4

1/1 13/8 9/8

+41

13/8

-31 +0 +16 +4 +0 +2 -49 +0 +2

7/4 1/1 9/8 1/1 3/2 11/8 1/1 13/8 3/2

-49 +2 -31

III 11/8 3/2 7/4

1.16

89

I

II

III

*

-49 +2 +16

11/8 3/2 6/5

+0

1/1

+4

9/8

+4 -31 +0

III 9/8 7/4 1/1

93

1.17

I

II

III

*

+0 +2 +41 +0

1/1 3/2 13/8 1/1

-31 +4

7/4 9/8

-31 +0 +16

7/4 1/1 6/5

+16 +41 +16

6/5 13/8 6/5

97

Staff I: -31, -49, 7/4, 11/8

Staff II: +0, 1/1

Staff III: -49, +0, +4, +41, +0, -31, +41, +2, 11/8, 1/1, 9/8, 13/8, 1/1, 7/4, 13/8, 3/2

Staff *: +4, III^{9/8}, +2, -31, -49, +16, +4, 7/4, 3/2, 11/8, 6/5, 9/8

1.18

101

Staff I: +2, +4, -31, +2, 9/8, 3/2, 7/4, 3/2

Staff II: +16, +41, -49, 6/5, 13/8, 11/8

Staff III: +16, -49, +41, -31, 6/5, 11/8, 13/8, 7/4

Staff *: +2, III^{3/2}

1.19

105

Staff I: (Empty)

Staff II: (Empty)

Staff III: +4, +0, 9/8, 1/1

Staff *: +41, +0, -31, +4, -49, +16, 13/8, 1/1, 7/4, 9/8, III^{11/8}, 6/5

109

+0

1/1

+2

3/2

+4

9/8

+0

1/1

+41 +2 +16 +0 +0 -31 -49 +4 +0 +41 +2 +0 +4 -31 -49

6/5 1/1 1/1 7/4 11/8 9/8 1/1 13/8 3/2 1/1 9/8 7/4 11/8

13/8 1/1

7/4

+

13/8 1/1

7/4

113

1.20

-31 -49 +4 +41 -31 +0

7/4 11/8 9/8 13/8 7/4 1/1

+16 +0 -49

6/5 1/1 11/8

+16 +4 -31 +2

6/5 9/8 III 7/4 3/2

117

1.21

+2 -49 +16 -31 +41

3/2 11/8 6/5 7/4 13/8

+16

6/5

+2

3/2

+41 +0 -49 +41

13/8 1/1 11/8 III 13/8

121

Staff I: +0, +4, -49, +2, +0, -31, +16. Ratios: 1/1, 9/8, 11/8, 3/2, 7/4, 6/5.

Staff II: -31, -49, +4, +16, -49, +0, +41, +16, -31, +4. Ratios: 7/4, 11/8, 9/8, 6/5, 11/8, 1/1, 13/8, 6/5, 7/4, 9/8.

Staff III: +2, +4, +41, +0, -31. Ratios: 3/2, 9/8, 13/8, 1/1, 7/4.

Staff *: +4, +2, +16, -31. Ratios: 9/8, 3/2, 6/5, 7/4.

1.22

125

Staff I: +0, +4. Ratios: 1/1, 9/8.

Staff II: +2, -49, -31, +41, +4, -49, +2. Ratios: 3/2, 11/8, 7/4, 9/8, 11/8, 3/2.

Staff III: -31, +16, +2, +41, -31, -49. Ratios: 6/5, 7/4, 3/2, 9/8, 13/8, 7/4, 11/8.

Staff *: +0, +4, +41. Ratios: III 1/1, 9/8, 13/8.

1.23

129

Staff I: -49, +0, +41. Ratios: 11/8, 1/1, 13/8. Measure 130: +0, +16. Ratios: 1/1, 6/5.

Staff II: +0, +16, +4, -31. Ratios: 1/1, 6/5, 9/8, 7/4.

Staff III: +0. Ratios: 1/1.

Staff *: +2, +16, +0, -49. Ratios: 3/2, III 6/5, 1/1, 11/8.

133 1.24

Staff I: Whole note.

Staff II: Half note (frets +2, -49), time signatures 3/2, 11/8; Whole note.

Staff III: Half note (frets +41, +16), time signatures 13/8, 6/5; Whole note (fret +0), time signature 1/1.

Staff *: Half note (fret +2), time signature 3/2; Half note (frets +41, +0), time signature 13/8; Half note (fret +16), time signature 6/5; Half note (fret +2), time signature 3/2; Half note (frets +4, -31), time signatures 7/4, 9/8; Whole note.

137

Staff I: Half note; Half note (frets +2, -49, -31, +2, +4, +2, +41), time signatures 3/2, 11/8, 7/4, 3/2, 9/8, 3/2, 13/8; Whole note (fret +0), time signature 1/1.

Staff II: Half note (fret +16), time signature 6/5; Whole note.

Staff III: Half note; Half note (frets +4, +2, -49, +0, -49, -31), time signatures 9/8, 3/2, 11/8, 1/1, 11/8, 7/4; Whole note.

Staff *: Half note (fret +0), time signature III 1/1; Half note (fret +16), time signature 6/5; Half note (fret +4), time signature 9/8; Half note (fret +2), time signature 3/2; Half note (fret +0), time signature 1/1; Whole note (fret +16), time signature 6/5.

141 1.25

Staff I: Half note (frets +2, +4), time signatures 9/8, 3/2; Whole note; Half note (fret +0), time signature 1/1; Whole note; Half note (frets +4, -31), time signatures 7/4, 9/8.

Staff II: Half note; Whole note; Half note.

Staff III: Half note (fret +4), time signature 9/8; Whole note.

Staff *: Half note (fret -31), time signature 7/4; Half note (fret +41), time signature 13/8; Whole note; Half note (fret +4), time signature III 9/8; Whole note.

145

I

II

III

*

+16

6/5

+41

13/8

+4 +0 -31

9/8 1/1 7/4

+0 +2 -49 +41

1/1 3/2 11/8 13/8

+2

3/2

+0 -31

1/1 7/4

+16

6/5

+0

1/1

1.26

149

I

II

III

*

+2 +0 -49 -31

3/2 1/1 11/8 7/4

+16

6/5

+2 -31

3/2 7/4

+0

1/1

+2 -49

3/2 11/8

+16 +0

6/5 1/1

+2 -31

7/4 3/2

-49 +16

11/8 6/5

-31

III 7/4

-49

11/8

1.27

153

I

II

III

*

+41

13/8

+4 +0

9/8 1/1

+4

9/8

+41

III 13/8

157

1.28

Staff I: +2, +0, -49, +2, +41
Intervals: 3/2, 1/1, 11/8, 9/8, 3/2, 13/8

Staff II: +2, +0, +2, -31, -49
Intervals: 3/2, 1/1, 3/2, 7/4, 11/8

Staff III: -31
Interval: 7/4

Staff *: +0
Interval: 1/1

161

Staff I: +4
Interval: 9/8

Staff II: +16
Interval: 6/5

Staff III: +2, +41, -49, +0, +4, +16
Intervals: 3/2, 13/8, 11/8, 1/1, 9/8, 6/5

Staff *: +2, +0, -31, +41, +16, -49
Intervals: III^{3/2}, 1/1, 7/4, 13/8, 6/5, 11/8

165

1.29

Staff I: (Whole notes)

Staff II: +0, +41
Intervals: 1/1, 13/8

Staff III: +41, +0
Intervals: 1/1, 13/8

Staff *: +2, +41, +4, +0
Intervals: 13/8, 9/8, 3/2, 1/1

169

Staff I: -31 +0 +16 +41 +2
7/4 1/1 6/5 13/8 3/2

Staff II: +0 +41 +4 +16
1/1 9/8 13/8 6/5

Staff III: +2 -31 +4 -49
3/2 7/4 9/8 11/8

Staff *: -49 -31 +41 +16 +4 -31
III 11/8 7/4 3/2 13/8 6/5 9/8 7/4

1.30

173

Staff I: -31 -49 +2
7/4 11/8 3/2

Staff II: +2 +41 -31
3/2 13/8 7/4

Staff III: +0
1/1

Staff *: +0 +2
III 1/1 3/2

177

1.31

Staff I: +41 +0 +2
13/8 1/1 3/2

Staff II: +0
1/1

Staff III: -49 +41 +16 -49 +2 +4 +2 +41 -31
11/8 13/8 6/5 11/8 3/2 9/8 3/2 13/8 7/4

Staff *: +41 +16 +0
13/8 6/5 1/1

181

I

II

III

*

-49 -31 +41 +16

11/8 7/4 13/8 6/5

+0 +16 +0 -31 +2

1/1 6/5 1/1 7/4 3/2 9/8

-49 -31 +4

III 11/8 7/4 9/8

185

1.32

I

II

III

*

+4 +16

9/8 6/5

-31

7/4

+41

13/8

+2

III 3/2

189

1.33

I

II

III

*

+0 -49

1/1 11/8

+4 +0 +2

9/8 1/1 3/2

+0 +4 +2 +41

1/1 9/8 7/4 3/2 13/8

+0

1/1

193

Staff I: +2 +0 +4
3/2 1/1 9/8

Staff II: -49 +0 +16 -31
11/8 1/1 6/5 7/4

Staff III: -31
7/4

Staff *: -31 +4 +41
III 7/4 9/8 13/8

1.34

197

Staff I: -31 +4 +41 -49 +16 +41 +2 +16
7/4 13/8 11/8 6/5 13/8 3/2 6/5 9/8 1/1

Staff II: +16
6/5

Staff III: -31 +16
III 7/4 6/5

Staff *: -31 +16
III 7/4 6/5

201

1.35

Staff I: -31
7/4

Staff II: +41 +0 -49
13/8 1/1 11/8

Staff III: -31 +2 +4 -31 +16
7/4 1/1 9/8 11/8 6/5 7/4

Staff *: +4 -49
9/8 11/8

205

I

II

III

*

+0 +4 -31 +41 +0 -49 +2 +16 -49 -31 +16 +2

1/1 9/8 7/4 11/8 13/8 1/1 11/8 6/5 11/8 7/4 6/5 3/2

+2 -31 +16 +0 +2 +4

3/2 7/4 6/5 1/1 3/2 9/8 6/5

+0 +16 -31

1/1 6/5 7/4

+0 +2 +41 -31 +16 +0 +4

III 1/1 3/2 13/8 7/4 6/5 1/1 9/8

1.36

209

I

II

III

*

+41 +2 +4

13/8 3/2 9/8

+0 -49 +4 +41 +0 -31 +16

1/1 11/8 9/8 13/8 1/1 7/4 6/5

+2 -49 +0 +4 -31

3/2 11/8 1/1 9/8 7/4

+2 -31 +0 -49

III 3/2 7/4 1/1 11/8

1.37

213

I

II

III

*

+0

1/1

+2 +4 -49

9/8 3/2 11/8

+41 -31 +4

13/8 III 7/4 9/8

217

Staff I: +16, +0, 6/5, 1/1

Staff II: +0, +41, -31, +0, +2, -49, +16, 1/1, 9/8, 13/8, 7/4, 1/1, 3/2, 11/8, 6/5

Staff III: +2, +0, +41, +16, +0, +2, +0, +41, 3/2, 1/1, 13/8, 6/5, 1/1, 3/2, 1/1, 13/8, 9/8

Staff *: +16, +0, 6/5, 1/1, 13/8

1.38

221

Staff I: +0, +2, -49, +4, -31, +41, 3/2, 1/1, 11/8, 9/8, 7/4, 13/8

Staff II: +0, -31, +4, 1/1, 7/4, 9/8

Staff III: -31, 7/4

Staff *: -31, III 7/4

225

1.39

Staff I: +41, +0, 13/8, 1/1

Staff II: +0, 1/1

Staff III: -49, +41, 11/8, III 13/8

229

I

+0 +2 +16 +4 -49 -31 +2 +41

1/1 3/2 6/5 9/8 11/8 7/4 3/2 13/8

II

-31 +0 +2 +4 +16 +41 +2 +0 -31

7/4 1/1 3/2 9/8 6/5 13/8 3/2 1/1 7/4

III

-49 +2

11/8 3/2

*

+2 +0

3/2 1/1

1.40

233

I

+0 +16 +0

1/1 6/5 1/1

II

-49 +16 +0 +16 +41 +2

11/8 6/5 1/1 13/8 6/5 3/2

III

+16 -49 +0 -49

6/5 11/8 1/1 11/8

*

+16

III 6/5

237

1.41

I

II

III

+41 -31 +2 +0

7/4 13/8 3/2 1/1

*

-31 +0 +2

7/4 1/1 3/2

241

I

II

III

*

+4 +16 -31 +2 +41 +4

9/8 6/5 7/4 3/2 13/8 1/1 9/8

+16 -49 +4

6/5 11/8 9/8 7/4

+4 +16 +41 -31

9/8 6/5 13/8 7/4

+4 +0 +41

III 9/8 1/1 13/8

2.1

III 13/8 7/4 II 14/13 I

+0 +41 +0 +0 -31

13/8 1/1 7/4

245

I

II

III

*

+41 +42 +41 -8

1/1 3/2 1/1 11/8

-49

II 11/8

2.2

III 13/8 7/4 II 14/13 I

+41 -31 +0 +0 -31 +41

14/13 1/1 14/13

249

I

II

III

*

+38 -16 -31 +38 -16

7/4 6/5 1/1 7/4 6/5

+4 +16 +0 +41 -49

9/8 6/5 1/1 13/8 11/8

+44 +41 +42

9/8 1/1 3/2

+38 +41 +0 +0

I 7/4 II 13/8 1/1 1/1

253

I

II

III

*

11/8

+0

+2

+16

+41

+0

1/1

3/2

6/5

13/8

1/1

+38

+9

-27

7/4

11/8

9/8

-8

+42

11/8

3/2

The image displays a musical score for 'The Wind' by Gustav Mahler, specifically the section from measures 257 to 266. The score is written for four staves: I (Treble Clef), II (Alto Clef), III (Bass Clef), and * (Bass Clef). The music is in 3/4 time and features a complex system of figured bass notation above the staves, which includes Roman numerals (I, II, III), ratios (1/1, 13/8, 7/4, 6/5, 11/8, 3/2), and various accidentals and dynamics. The score is divided into two systems, with the first system covering measures 257-260 and the second system covering measures 261-266. The music is characterized by its intricate harmonic structure and the use of figured bass notation to indicate specific intervals and chords.

[illegible]

265

III $11/8$ 1/1

269

III $11/8$ 1/1

3.1

III $11/8$ 1/1

3.2

III $\frac{4}{3}$ II $\frac{7}{6}$ I

+42 +41 +41 +9

1/1 1/1 8/7

(277)

I $\frac{3}{2}$ +11

II

III $\frac{7}{4}$ $\frac{13}{8}$ +11 -17

* $\text{III}^{\frac{7}{4}}$ $\text{I}^{\frac{13}{8}}$ +11 +50

(281)

I $\frac{11}{8}$ -39 +25 $\frac{6}{5}$

II -44 $\frac{6}{5}$

III +11 $\frac{7}{4}$

* -19 +9 +25 $\text{II}^{\frac{13}{8}}$ $\frac{7}{4}$ $\text{I}^{\frac{6}{5}}$

3.3

III $\frac{7}{6}$ II $\frac{7}{6}$ I

+42 +41 +9 +9

1/1 8/7 1/1

(285)

I $\frac{3}{2}$ +11 -22 +13 $\frac{7}{4}$ $\frac{9}{8}$

II +9 +11 $\frac{1}{1}$ $\frac{3}{2}$

III +44 +46 +11 +29 $\frac{3}{2}$ $\frac{9}{8}$ $\frac{7}{4}$ $\frac{5}{4}$

* +44 -39 +50 -22 $\text{III}^{\frac{3}{2}}$ $\text{II}^{\frac{11}{8}}$ $\frac{13}{8}$ $\frac{7}{4}$

-24

3.4

1/1

III 1/1 II 1/1 I

+42 +9

7/6 1/1 1/1

289

+50

13/8

+25

6/5

+9

1/1

+44

3/2

+25 +44 -39 +50

6/5 III 3/2 13/8 II 11/8

+50

13/8

293

+9

1/1

+25 +13

6/5 9/8 11/8

-39

+25

13/8 6/5

+13

9/8

-39

11/8

+9 +50 -39 -22 +9 +13

1/1 13/8 11/8 7/4 1/1 9/8

+50 +9 -39 +25 -22

13/8 1/1 11/8 6/5 7/4

+9

1/1

+9

III 1/1

+50

13/8

-39

11/8

+50

13/8

+13

9/8

4.1

8/7

III 8/7 II 1/1 I

+9 +9 -22 +9

1/1 8/7 1/1

297

-22

7/4

+11

3/2

+13

9/8

-39

11/8

+25 +9 +50

1/1 6/5 13/8

+19 -22

13/8 1/1

301

Interval numbers: +25, +11, +9, +13, +11, -22, 3/2, 1/1, 13/8, 3/2, 7/4, 6/5, 9/8, +19, +47, -20, -22, +19, +47, -22, +29, +19, -36, 7/4, 3/2, 13/8, 1/1, 13/8, 7/4, 1/1, 11/8, 13/8, 5/4, +25, +9, 6/5, 1/1, -22, +13, +25, III 7/4, 9/8, 6/5.

4.2

Interval numbers: +9, -39, -22, +9, +9, -22, 11/8, 8/7, 11/8, 8/7, -22, +47, +29, -18, 1/1, 7/4, 11/8, 9/8, +13, 9/8, +29, -37, -39, +29, +12, 7/4, 3/2, 1/1, 7/4, 11/8, -39, II 11/8, +19, I 13/8.

4.3

Interval numbers: +19, 13/8, -24, -39, -24, -35, +1, +29, -37, 7/4, 1/1, 5/4, 11/8, 3/2, -24, +47, -24, +12, +1, 7/4, 6/5, 9/8, 13/8, 7/4, 3/2, III 11/8, 13/8, 6/5, 1/1.

4.4

III 1/1 II 1/1 I

-39 -39 -22 -39

1/1 1/1 11/7

313

I

+19 -18 -22 -20

13/8 9/8 11/8 3/2

1/1

7/4

II

+1

13/8

III

*

+19 +19 -37

I 13/8 13/8 III 3/2

317

I

-35 -24 +12 +29 +1

9/8 6/5 11/8 7/4 13/8

II

-37 +29

3/2 7/4

III

+29 -39 -24 -35 -24 +12 -37

7/4 1/1 6/5 9/8 6/5 11/8 1/1 3/2

*

+12 -24 -39 +1 +29 +12 -37

11/8 1/1 6/5 1/1 13/8 7/4 11/8 3/2

5.1

III 14/13 II 8/7 I

-39 -39 +1 -39 +29

1/1 16/13 8/7

321

I

II

III

+29 +1 -39 -24 +12

7/4 13/8 1/1 6/5 11/8

*

-24 -35 -39

6/5 9/8 1/1

-27-

5.2

III 14/13 II 1/1 I +29

-39 +29 +16 8/7 1/1 1/1

(325)

I -19 +29 +16 11/8 1/1 5/4

II +1 +3 -47 1/1 3/2 11/8

III -39 +12 -37 +1 +29 -37 +29 +1 -37 -39 -24 1/1 11/8 3/2 13/8 1/1 7/4 3/2 7/4 9/8 1/1 6/5

* -19 +42 I 11/8 II 13/8

(329)

I +31 -19 3/2 11/8

II +5 -12 9/8 5/4

III +16 5/4

* -30 -2 III 13/8 7/4

5.3

III 1/1 II 1/1 I +29

+29 +1 +29 1/1 14/13 1/1

(333)

I +33 -2 -30 -19 9/8 7/4 13/8 11/8

II

III -2 -19 +31 +33 -30 +29 +33 7/4 11/8 3/2 9/8 13/8 1/1 9/8 5/4

* -12 +16 -19 +42 -30 II 5/4 III 5/4 11/8 II 13/8 III 13/8

337

I $\frac{1}{1}$ $\frac{9}{8}$ $\frac{13}{8}$ $\frac{7}{4}$

II $\frac{1}{1}$ $\frac{3}{2}$ $\frac{13}{8}$ $\frac{9}{8}$ $\frac{11}{8}$ $\frac{1}{1}$ $\frac{7}{4}$ $\frac{5}{4}$ $\frac{1}{1}$

III $\frac{3}{2}$ $\frac{1}{1}$ $\frac{13}{8}$ $\frac{1}{1}$ $\frac{11}{8}$ $\frac{7}{4}$ $\frac{9}{8}$ $\frac{3}{2}$

* $\frac{11}{8}$ $\frac{9}{8}$ $\frac{3}{2}$ $\frac{1}{1}$ $\frac{9}{8}$ $\frac{5}{4}$ $\frac{9}{8}$ $\frac{1}{1}$ $\frac{3}{2}$

Intervals: +29, +33, -30, -2, +29, +31, -30, +33, +29, -2, +16, +29, +31, +29, -30, -19, +33, +31, +29, +33, +16, +33, +31

6.1

III $\frac{16}{11}$ II $\frac{1}{1}$ I $\frac{16}{11}$

Intervals: +29, +29, -19, +29

341

I $\frac{3}{2}$ $\frac{13}{8}$

II

III $\frac{5}{4}$ $\frac{7}{4}$

* $\frac{13}{8}$ $\frac{11}{8}$ $\frac{11}{8}$

Intervals: +16, -2, +31, -30, +32

6.2

III $\frac{4}{3}$ II $\frac{16}{11}$ I $\frac{12}{11}$

Intervals: +29, -19, +31, +29, -19

345

I $\frac{11}{8}$

II $\frac{5}{4}$ $\frac{9}{8}$

III $\frac{1}{1}$ $\frac{9}{8}$

* $\frac{9}{8}$ $\frac{7}{4}$ $\frac{7}{4}$ $\frac{11}{8}$

Intervals: -19, -33, -15, +29, +33, +50, +50, -19

349

349

I

II

III

*

6.3

1/1

4/3

1/1

4/3

1/1

12/11

353

353

I

II

III

*

6.4

1/1

1/1

1/1

1/1

1/1

1/1

357

357

I

II

III

*

6.4

1/1

1/1

1/1

1/1

1/1

1/1

361

7.1

365

7.2

369

7.3

373

+41

7/4

-13

9/8

-15

3/2

-48

7/4

-17

1/1

+0

-17

+31

11/8

1/1

+35

9/8

-17

11/8

+0

7/4

+23

11/8

-48

7/4

-17

11/8

I

II

III

*

7.3

1/1

III 1/1 II 1/1 I

+31 -17

-17

-28 -17

11/8

1/1

22/13

377

+34

11/8

-17

1/1

-13

1/1

6/5

9/8

-2

6/5

-48

7/4

-17

11/8

-15

3/2

III 1/1

I

II

III

*

381

-15

3/2

+34

11/8

-13

9/8

+23

13/8

-17

1/1

-15

3/2

-13

9/8

+23

-13

-48

13/8

9/8

7/4

-2

6/5

-15

3/2

I

II

III

*

8.1

III $\frac{1}{1}$ II $\frac{4}{3}$ I

-17 -17 -17 -15

1/1 1/1 4/3

385

I

II

III

*

7/4 11/8 1/1 13/8 9/8 3/2

-46 +36 -15 +25 -11 -13

-17

1/1

3/2 13/8 1/1 13/8 11/8 3/2

-2

6/5

-15

1/1 3/2

6/5

-13 -2

$\text{I}^{3/2}$ $\text{III}^{6/5}$

8.2

III $\frac{16}{13}$ II $\frac{4}{3}$ I

-17 -17 +23 -15

1/1 16/13 1/1

389

I

II

III

*

6/5

7/4

+23 -17 -13 +23 -15 +34 -17

13/8 1/1 9/8 13/8 3/2 11/8 1/1

-2

$\text{III}^{6/5}$

8.3

III $\frac{13}{12}$ II $\frac{13}{12}$ I

-17 -15 +23 -15 +23

4/3 1/1 13/12

393

I

II

III

*

5/4 7/4 1/1

-29 -46 -15

+25

3/2

-8

$\text{II}^{7/4}$

-11

$\text{I}^{9/8}$

+10

$\text{II}^{5/4}$

-25

11/8

-33-

397

I $\frac{13}{8}$ -36

II -25 +23 -8 -25 +25 +10 -8 +23 +10 +27 -25

$\frac{11}{8}$ $\frac{1}{1}$ $\frac{7}{4}$ $\frac{11}{8}$ $\frac{3}{2}$ $\frac{5}{4}$ $\frac{7}{4}$ $\frac{1}{1}$ $\frac{5}{4}$ $\frac{9}{8}$ $\frac{11}{8}$

III -11 -46

$\frac{9}{8}$ $\frac{7}{4}$

* -13 +25 -8 -11 +10 -25 -13

$\text{III}^{\frac{3}{2}}$ $\text{II}^{\frac{3}{2}}$ $\frac{7}{4}$ $\text{III}^{\frac{9}{8}}$ $\text{II}^{\frac{5}{4}}$ $\frac{11}{8}$ $\text{III}^{\frac{3}{2}}$

8.4

III $\frac{13}{12}$ II $\frac{1}{1}$ I

-15 +23 +23 -15 +23

13/12 13/12 1/1

401

I +25 -36 -25 +10 +23

$\frac{3}{2}$ $\frac{11}{8}$ $\frac{13}{8}$ $\frac{5}{4}$ $\frac{1}{1}$

II +25 -11 -29

$\frac{13}{8}$ $\frac{9}{8}$ $\frac{5}{4}$

III +25 +10 -36

$\frac{3}{2}$ $\frac{5}{4}$ $\frac{13}{8}$

* +25 +25

$\text{II}^{\frac{13}{8}}$ $\frac{13}{8}$

8.5

III $\frac{1}{1}$ II $\frac{13}{12}$ I

+23 -15 +23 +23 -15

1/1 13/12 13/12

405

I -11

$\frac{9}{8}$

II -8

$\frac{7}{4}$

III -8 -36 +25 +10

$\frac{7}{4}$ $\frac{13}{8}$ $\frac{3}{2}$ $\frac{5}{4}$

* -36

$\text{III}^{\frac{13}{8}}$

409

III 8.6 1/1 1/1 1/1 I

+23 +23 -15 +23

1/1 1/1 13/12

I

-13 -46 -11 -13 -25 -11 -29

3/2 7/4 9/8 11/8 13/8 9/8 5/4

II

+25

3/2

III

-8 +27

7/4 9/8

*

-8 +10 +27 -25 -13 +25 -36

7/4 9/8 5/4 11/8 13/8 13/8 13/8

413

I

-8 -36 +10 +25 +23 +10 -25 +25

7/4 13/8 5/4 1/1 5/4 7/4 3/2

II

+23 +27 +23 -8 +10 -36

1/1 9/8 1/1 7/4 5/4 13/8

III

-25 +23

11/8 1/1

*

+10 -8 +23 -25 +10 +25 +23

III 5/4 7/4 1/1 11/8 5/4 3/2 1/1

417

I

II

+27

9/8

III

-8 +10 -25 -8

7/4 5/4 11/8 7/4

*

-36 +27 +23 -8 +25 +23

13/8 9/8 1/1 7/4 3/2 1/1

9.1

III $\frac{4}{3}$ II $\frac{3}{2}$ I

+23 +25 +23 +23 +27

4/3 1/1 9/8

(421)

I

II

III

*

+27

1/1

-34 +27 +12 +25 -34

13/8 3/2 5/4 1/1 13/8

+10 +27 -25 -8 -4

5/4 9/8 11/8 II $\frac{7}{4}$ I $\frac{7}{4}$

9.2

III $\frac{4}{3}$ II $\frac{3}{2}$ I

+25 +23 +27

1/1 1/1 1/1

(425)

I

II

III

*

-4

7/4

+25 +23 -8

3/2 1/1 7/4

+29 +12 -6

9/8 5/4 7/4

+27 -6 -25 -36

II $\frac{9}{8}$ III $\frac{7}{4}$ II $\frac{11}{8}$ 13/8

(429)

I

II

III

*

+41 +27 +31

8/5 9/8 1/1

-25 +25 -36 -25 +10 -8

11/8 3/2 13/8 1/1 11/8 5/4 7/4

+25 +27 -23

1/1 3/2 11/8

+29 +41 -4

I $\frac{3}{2}$ 8/5 7/4

-36-

9.3

III $\frac{3}{2}$ II $\frac{1}{1}$ I

+25 +23 +27 +27 +25

1/1 9/8 3/2

(433)

I $\frac{13}{8}$ $\frac{3}{2}$

II $\frac{9}{8}$ $\frac{4}{3}$ $\frac{8}{5}$

III $\frac{13}{8}$ $\frac{1}{1}$ $\frac{11}{8}$ $\frac{7}{4}$

* $\text{III}^{\frac{3}{2}}$ $\frac{13}{8}$

-34 +27

+31 +25 +41

-34 +25 -23 -6

9.4

III $\frac{1}{1}$ II $\frac{1}{1}$ I

+25 +27 +25 +25

1/1 3/2 1/1

(437)

I $\frac{7}{4}$ $\frac{1}{1}$

II $\frac{13}{8}$

III $\frac{3}{2}$ $\frac{1}{1}$ $\frac{13}{8}$ $\frac{5}{4}$

* $\frac{7}{4}$ $\text{II}^{\frac{3}{2}}$ $\frac{8}{5}$

-6 +25

-34 +27 +25 -34 +12

-6 +29 +41

(441)

I $\frac{9}{8}$ $\frac{3}{2}$ $\frac{13}{8}$ $\frac{3}{2}$ $\frac{5}{4}$ $\frac{13}{8}$ $\frac{1}{1}$ $\frac{11}{8}$ $\frac{3}{2}$

II

III $\frac{1}{1}$ $\frac{3}{2}$ $\frac{9}{8}$ $\frac{1}{1}$ $\frac{11}{8}$ $\frac{7}{4}$ $\frac{9}{8}$

* $\text{III}^{\frac{9}{8}}$ $\frac{1}{1}$

+29 +27 +25 -23 -6 +29

+29 +25

445

I $\frac{1}{1}$ $\frac{7}{4}$ $\frac{5}{4}$ $\frac{9}{8}$ $\frac{13}{8}$

II $\frac{7}{4}$ $\frac{3}{2}$ $\frac{1}{1}$ $\frac{11}{8}$ $\frac{7}{4}$

III

* $\frac{5}{4}$ $\frac{13}{8}$ $\frac{1}{1}$ $\frac{11}{8}$ $\frac{3}{2}$ $\frac{7}{4}$ $\frac{1}{1}$

+25 -6 +12 +29 -34

-6 +27 -23 -6

+12 -34 +25 -23 +27 -6 +25

10.1

III $\frac{1}{1}$ II $\frac{3}{2}$ I

+25 +25 +25 +27

449

I $\frac{4}{3}$ $\frac{3}{2}$ $\frac{1}{1}$

II $\frac{1}{1}$ $\frac{13}{8}$ $\frac{9}{8}$ $\frac{1}{1}$ $\frac{3}{2}$

III $\frac{3}{2}$ $\frac{5}{4}$ $\frac{1}{1}$

* $\frac{11}{8}$ $\frac{3}{2}$ $\frac{13}{8}$ $\frac{1}{9/8}$ $\frac{3}{2}$

+25 +29 +27

+25 -34 +29 +25 +27

+27 +12 +25

-23 +27 -34 +31 +29

10.2

III $\frac{11}{8}$ II $\frac{12}{11}$ I

+25 +25 -23 +27

453

I

II

III $\frac{13}{8}$ $\frac{5}{4}$ $\frac{13}{8}$

* $\frac{4}{3}$ $\frac{3}{2}$

+25 +29

-34 +12 -34

10.3

III 12/11 II 1/1 I

+25 -23 -23 +27 +27 -23

11/8 12/11 12/11

(457)

I 9/8 1/1 4/3 6/5 7/4 1/1 13/8

II 1/1 11/8 1/1

III 11/8 7/4 9/8

* III^{5/4} 11/8 I^{9/8} II^{6/5}

+31 +27 +25 +43 -4 -23 +17

-23 +28 +27

-23 -6 -20

+12 -23 +31 +43

10.4

III 1/1 II 1/1 I

-23 +27 -23

1/1 12/11 1/1

(461)

I 9/8 3/2 1/1 7/4 9/8

II 3/2 6/5 4/3

III 1/1 5/4 3/2 1/1 13/8 9/8 11/8 1/1

* III^{11/8} II^{4/3} 3/2 III^{11/8}

-20 -21 -23 +45

+25 +29 +43 +25

-23 -37 -21 -23 +17 -20 +28

+28 +25 +29 +28

(465)

I 5/4 11/8 7/4 1/1 3/2

II 13/8 7/4 5/4 3/2 9/8

III 5/4 11/8 7/4

* 1/1 9/8 3/2 5/4 13/8 7/4 1/1

+28 -37 +45 -23 -21

+17 +45 -37 -20

-37 +28 +45

-20 -23 -21 -37 +45 +17 -23

11.1

III 18/13 II 16/13 I

-23 +17 -23 -20 -23

16/13 9/8 1/1

469

I

II

III

*

-21

3/2

+45

I 7/4

+33

III 6/5

-37

I 5/4

-16

II 9/8

+28

11/8

9/8

-20

3/2

5/4

7/4

+32

-20

+49

+21

1/1

7/4

13/8

11/8

+19

3/2

+17

1/1

+33

7/4

-14

6/5

11.2

III 9/8 II 9/8 I

+17 -23 -20 -23 -20

16/13 1/1 9/8

473

I

II

III

*

+17

13/8

-20

+32

-33

-16

11/8

11/8

5/4

9/8

1/1

-23

1/1

+28

11/8

+28

+32

11/8

II 11/8

+17

III 13/8

-18

II 3/2

11.3

III 9/8 II 10/9 I

-23 -20 -20 -23 -20 -37

9/8 9/8 10/9

477

I

II

III

*

-20

+32

-18

1/1

11/8

3/2

-33

5/4

-18

3/2

+17

13/8

+28

-20

11/8

9/8

+17

13/8

+49

-37

-16

-33

7/4

III 5/4

II 9/8

5/4

+32

11/8

-40-

11.4

10/9

III

1/1

II

10/9

I

-20

-37

-23

-37

-37

-20

10/9

5/4

10/9

481

I: -37 1/1 -33 9/8

II: +45 7/4

III: -33 5/4 -20 1/1

*: -18 III^{3/2} +21 13/8 +49 7/4 +32 I^{7/4} -37 II^{5/4} -33 III^{5/4}

485

I: -20 1/1 +49 7/4 -33 5/4 +21 13/8 -16 9/8 -20 1/1 +32 11/8 -33 5/4 +21 13/8 +49 7/4 +32 11/8

II: +14 11/8 -37 1/1 -21 6/5 +3 -13/8 -35 3/2 +32 7/4 +14 11/8 -35 3/2

III: -35 3/2 +32 7/4 -21 6/5 -37 1/1 -33 9/8

*: -21 III^{6/5} +49 5/4

11.5

5/3

III

5/3

II

1/1

I

-37

-37

-21

-20

-37

1/1

5/3

10/9

489

I: -37 1/1

II: -35 9/8 -18 13/8 +19 1/1 -21 5/4 -35 5/4 -18 9/8

III: -35 3/2 +3 13/8 +14 11/8 -37 1/1 -33 7/4 +32 9/8 -35 3/2

*: +14 III^{11/8} -6 II^{6/5} -35 5/4 +30 11/8

-41-

11.6

III 5/3 II 1/1 I

-37 -21 -21 -37 -37 -21

5/3 5/3 5/3

(493)

I 3/2 7/4 +47

II +32 7/4 +14 -33 11/8 9/8

III -21 1/1 +47 7/4 +30 11/8 -35 5/4

* +32 III 7/4 -21 II 6/5 +49 5/4 -18 III 9/8 -35 5/4

11.7

III 1/1 II 1/1 I

-21 -37 -21 -21

1/1 5/3 1/1

(497)

I -21 1/1 +30 11/8 -35 5/4 -21 1/1 +19 13/8

II -21 6/5 -20 1/1 -21 3/2

III

* +30 11/8 -20 3/2 +47 7/4 -35 III 5/4 +47 7/4

(501)

I -20 -18 +19 +30 +47 -20 -21 -35 -21 +19 -20 3/2 9/8 13/8 11/8 7/4 3/2 1/1 5/4 1/1 13/8 3/2

II +30 11/8 -18 1/1 -21 7/4 +47 3/2 -20 5/4 -35 11/8 -21 1/1

III -20 9/8 -18 5/4 -35 13/8 +19 1/1 -21 7/4 -18 9/8 -21 1/1

* -21 -18 1/1 +30 9/8 +19 11/8 13/8

505

I

+19

13/8

II

-35

5/4

III

+47

7/4

*

The image displays a musical score for a piece titled "to kill a monarch" with seed 19800725. The score is organized into four staves, labeled I, II, III, and *. Staff I is in treble clef and contains a melodic line with a sharp sign, a time signature of 13/8, and a tempo marking of +19. Staff II is in bass clef and contains a melodic line with a sharp sign, a time signature of 5/4, and a tempo marking of -35. Staff III is in bass clef and contains a melodic line with a sharp sign, a time signature of 7/4, and a tempo marking of +47. Staff * is in treble clef and contains a melodic line with a sharp sign. The score is written in a single system and ends with a double bar line.