

seeds and ledgers : string quartet #1

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Instrument I: -8, +42, +10, -36, -21, -38, -36
 Instrument II: -45, +10, -23, -34, -34, -23
 Instrument III: +10, +42, -21, -21, -38
 Instrument IV: +30, +42, +8, -38, -36, -36, -38
 Performance instructions: III 11↓, III 3↓, III 1↑, II 5↑, IV 5↓, IV 7↑, III 5↑, IV 7↑, IV 1↑, II 3↑, I 3↓, I 1↑, III 1↑, III 5↑, I 1↑.

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Instrument I: +50, -38, -36, -21, +26, -23
 Instrument II: -38, -34, -36, -34, -23, -23
 Instrument III: -34, +32, -36, -36, -21, -36, +46, -34
 Instrument IV: -36, -34, II 1↑, -34, -23, -21, -21, II 1↑, II 3↑, IV 5↑
 Performance instructions: IV 5↑, IV 3↓, III 5↓, IV 3↑, IV 7↑, IV 1↑, IV 3↓, II 7↑, IV 5↑, I 1↑, II 1↑, II 3↑.

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Instrument I: -36, -33, -21, -21, -34, -21, -19, -36, -33, +10
 Instrument II: -34
 Instrument III: +50, -19, -33, -33, -23, -21
 Instrument IV: -38, -34, -21, +34, -23, -21, -19
 Performance instructions: IV 3↑, IV 5↓, II 1↑, IV 3↑, IV 3↑, II 3↓, IV 5↑, III 7↓, I 3↑, I 5↑, I 5↓, I 1↑, I 3↓, II 1↑, I 1↑, III 1↑, I 1↑, I 1↑.

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Notes and associated values:

- Staff I: -23, -25, -50, -21, -34, -46, -11. Arrows: III 3↓, II 13↓, IV 1↑, IV 1↑, III 3↑, IV 7↑.
- Staff II: -33, -9, -9, -34, -8, -15. Arrows: IV 5↑, I 5↓, IV 5↑, III 13↑, I 7↓.
- Staff III: +46, -23, -23, -48, +34. Arrows: I 7↑, IV 3↑, IV 3↓, II 5↑, IV 5↓.
- Staff IV: -25, -23, -21, -34, -33, +21. Arrows: III 1↑, III 3↑, II 1↑, II 3↑, III 7↑.

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Notes and associated values:

- Staff I: -11, -31, +3, -31. Arrows: IV 11↓, III 7↓, IV 5↑.
- Staff II: -20, -9, +19, -28, +1, +34, -37, +38, -48. Arrows: IV 13↓, IV 3↓, III 1↑, I 3↓, III 7↓, III 13↓, I 7↑, IV 5↓.
- Staff III: +7, +7, -28, +3, +0, +11. Arrows: IV 5↑, IV 11↑, I 1↑, I 7↓, II 13↓.
- Staff IV: +21, +41, +17, +44, -17, +38. Arrows: III 7↑, I 5↓, III 13↑, II 11↓, II 1↑.

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Notes and associated values:

- Staff I: +1, -37, -23, +5, +36, +36. Arrows: III 11↑, III 1↑, II 7↑, III 13↓.
- Staff II: -48, -21, +36, -37, +46, -23, -23. Arrows: IV 13↑, III 13↓, IV 3↓, III 7↑, I 13↑.
- Staff III: +11, -23, +5, -6, -33, -37. Arrows: II 3↓, II 13↓, II 11↓, I 7↓.
- Staff IV: +38, -35, -26, -21, +22, +44, +36, +36, +17. Arrows: II 5↑, I 7↑, III 3↑, I 5↑, II 3↓, I 1↑, II 13↑.

(100)

Score for system 100:

- Staff I:** +12, +1, -46, -7, -15, -17.
- Staff II:** -48, I 13↑, IV 3↓, IV 3↑.
- Staff III:** +25, +1, -29, -7, -48, -46, -34, -34.
- Staff IV:** II 11↓, II 11↓, I 13↓, II 13↑, II 1↑, I 1↑, II 5↓, II 5↓, I 3↑, II 7↓, III 3↓, II 7↓.

(111)

Score for system 111:

- Staff I:** -15, +35, +28, +30, +19, +19, +21, +21.
- Staff II:** IV 3↑, IV 3↓, II 7↓, III 7↓, IV 7↑, III 7↑, IV 7↑, IV 5↑, I 1↑, III 3↓, III 3↑, IV 13↑, I 1↑.
- Staff III:** -15, -3, -1, -48, -48.
- Staff IV:** II 1↑, IV 5↓, II 5↓, IV 3↑, +37, -15, -50, -50, -46.

(122)

Score for system 122:

- Staff I:** -50, -46, -34, -30, +1.
- Staff II:** III 3↓, III 3↑, II 5↓, IV 3↑, III 3↑.
- Staff III:** -36, -32, +48, -36, -30, +1.
- Staff IV:** I 3↑, III 3↓, III 5↓, I 1↑, IV 7↓, II 5↓, IV 1↑, I 3↑, II 1↑, III 1↑, II 1↑, IV 3↓, I 3↑, II 7↓, III 7↓, I 1↑.

(133)

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I: -44, IV 5↑, -24, III 5↑, -11, #, +22, -11, IV 7↓, IV 7↑
II: -13, IV 3↓, -9, -42, +21, +38, III 3↑, III 7↑, III 7↓, III 7↑
III: +3, -3, -11, +21, -31, -24, II 3↑, I 13↑, II 3↑, II 1↑, IV 11↓, I 5↑
IV: -11, +28, -13, -9, +22, +21, III 5↑, III 7↓, II 1↑, III 3↑, I 1↑, III 1↑

(144)

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I: -11, +24, +7, -46, -17, +1, II 5↑, II 7↑, IV 3↑, IV 11↓, III 3↓
II: +38, -35, +36, +42, -48, -30, -35, IV 5↓, IV 3↑, I 13↓, III 11↓, I 7↑, IV 5↓
III: +36, -48, -3, +3, +50, +0, II 5↓, II 7↓, IV 7↑, I 11↓, IV 11↓
IV: +21, -31, -48, +34, +3, -48, II 7↓, III 1↑, II 7↑, III 1↑, III 3↑, III 3↑

(155)

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I: +50, -48, +17, -37, +34, +32, IV 3↓, IV 1↑, IV 3↑, III 1↑, III 3↑, III 1↑
II: +28, +3, +32, -5, -35, IV 5↓, I 5↑, IV 1↑, IV 7↓, I 3↑
III: -37, -19, +32, II 3↓, IV 7↑, I 7↑
IV: +15, +32, +12, -37, +12, +46, +14, +30, III 11↑, III 7↑, III 11↓, I 1↑, III 7↓, III 5↓, II 11↓, III 3↓

(166)

Score for system 166:

- Staff I:** +50, +50, +1, +3, +36. Arrows: IV 11↓, IV 1↑, IV 1↑, IV 1↑, III 1↑.
- Staff II:** -48, +3, +5, -48, +5, +34. Arrows: IV 1↑, IV 3↑, III 11↑, IV 3↑, I 7↓.
- Staff III:** +50, +1, -28, +5, +1, +36. Arrows: IV 1↑, IV 7↑, II 1↑, IV 1↑, IV 3↑.
- Staff IV:** +1, +1, +3, +1, +17, +34, +32, +36. Arrows: III 7↑, III 3↑, I 3↓, I 5↓, II 1↑, II 3↓, III 1↑.

(177)

Score for system 177:

- Staff I:** -15, -27, +2, -29. Arrows: IV 11↓, III 3↑, III 7↓, IV 5↑.
- Staff II:** -17, -31, -29, -29, -31. Arrows: IV 3↓, IV 5↑, III 1↑, IV 5↑, III 7↑.
- Staff III:** +34, -17, -13, -29, -29, +0, -15. Arrows: II 1↑, II 11↓, IV 3↑, IV 5↑, IV 5↑, I 3↓, IV 1↑.
- Staff IV:** -35, +36, -15, -17, -15, -15. Arrows: III 7↓, I 1↑, I 1↑, II 1↑, III 5↓, III 5↓.

(188)

Score for system 188:

- Staff I:** +4, +0, -13, +28. Arrows: IV 3↑, IV 5↑, II 5↓.
- Staff II:** +16, -42, -29, -29, +2, -49, +14, +41, +30. Arrows: IV 7↓, I 5↑, I 1↑, III 1↑, III 11↓, IV 5↓, IV 13↑, IV 3↑.
- Staff III:** +2, +2, +0, -41. Arrows: II 5↑, IV 1↑, IV 7↓.
- Staff IV:** -15, +2, +0, +0, +4, +0, +0, +28, +15. Arrows: III 1↑, III 3↓, III 3↑, I 1↑.

test

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I 199

I: -5 +24 +28 -45

II: +14 +26 +26

III: -13 +12 +14 -23 -43 -43

IV: -41 +12 +28 +28 -45 -41

Measure 1: I 5↑ II 7↑ II 3↓ IV 1↑

Measure 2: I 13↓ IV 1↑ IV 3↑ II 11↑ II 7↓

Measure 3: III 1↑ II 3↓ II 3↑

Measure 4: I 1↑ III 3↑

(224)

1st Staff (I): Measures 1-5. Includes numerical markings like -12, -24, -8, +39, -10, +39, +41, and dynamic markings like III 3↓, III 5↑, III 11↓, IV 1↑, IV 1↑.

2nd Staff (II): Measures 6-10. Includes +39, +41, +45, +43, and dynamic markings like IV 1↑, III 3↑.

3rd Staff (III): Measures 11-15. Includes -41, +6, +4, -41, -29, -10, +41, -47, -12, -30, +39, +41, +43, -45, +10, +41, -27, +28, +40, +43, and dynamic markings like II 3↑, I 7↑, IV 1↑, IV 7↓, II 11↓, II 5↓, II 3↑, II 11↓, II 7↓, IV 1↑, IV 3↑, IV 7↑, IV 7↓, IV 5↓, IV 1↑, IV 5↑, IV 3↑.

4th Staff (IV): Measures 16-20. Includes +21, -29, -41, +4, -8, +39, +41, and dynamic markings like I 11↓, III 1↑, III 5↓, I 1↑, I 1↑, III 11↑.

(228)

1st Staff (I): Measures 1-5. Includes +26, -47, and dynamic markings like IV 7↑, III 3↓.

2nd Staff (II): Measures 6-10. Includes -45, +41, +41, -47, -27, -43, -47, -16, +40, +36, -49, -19, -16, -35, and dynamic markings like IV 5↓, IV 1↑, IV 1↑, III 3↓, III 3↑, I 7↓, I 1↑, I 7↓, I 5↑, III 7↑, III 5↓, III 3↓, I 3↓, IV 1↑.

3rd Staff (III): Measures 11-15. Includes +41, -27, +28, +40, +28, -41, -45, -33, and dynamic markings like IV 1↑, IV 5↑, IV 7↓, IV 3↓, IV 1↑, IV 5↓, IV 7↓, IV 3↓, IV 1↑, III 13↑, III 7↑, III 5↓, I 3↓.

4th Staff (IV): Measures 16-20. Includes -47, +41, -27, +28, -43, -4, +24, -31, -49, +40, -16, and dynamic markings like III 5↓, II 7↓, II 5↑, II 1↑, III 13↑, III 7↑, II 1↑, III 13↓, III 3↑, IV 5↑, IV 11↑, III 1↑, IV 3↑, III 7↓, IV 5↓, II 1↑, I 3↓, II 5↑, I 7↓.

(232)

1st Staff (I): Measures 1-5. Includes +25, -47, -49, -45, -47, -43, +4, -47, -33, +22, -6, -39, -47, +4, +16, +40, +5, +2, +33, +6, +18, and dynamic markings like III 13↑, IV 3↓, IV 1↑, IV 3↑, II 1↑, II 1↑, IV 5↓, IV 7↑, III 13↓, III 3↑, IV 5↑, IV 11↑, III 1↑, IV 3↑, III 7↓, IV 5↓.

2nd Staff (II): Measures 6-10. Includes -47, -43, +4, -31, -49, -29, +16, and dynamic markings like IV 1↑, III 3↑, III 5↓, IV 3↓, III 11↓, I 1↑.

3rd Staff (III): Measures 11-15. Includes +22, -47, -16, +40, -49, -45, -45, +2, -33, +18, +2, +6, +18, +29, and dynamic markings like IV 7↑, IV 7↓, IV 1↑, IV 5↑, IV 3↓, IV 3↑, IV 11↓, IV 5↓, II 3↑, II 5↑, I 1↑, I 1↑, II 5↓.

4th Staff (IV): Measures 16-20. Includes -47, +18, -16, +16, +4, and dynamic markings like I 1↑, II 1↑, II 7↑, III 3↑, III 11↑, II 7↑, III 1↑.

(236)

1st system (Measures 236-237):

- Staff I:** +29, +4, +8, +6, +4, +8, +19, +23, +21, -40, +21, +21, -40.
- Staff II:** III 1↑, IV 1↑, III 3↑, IV 1↑, III 5↓, IV 3↑, +4, +6, +18, +19, -16, +35, +23, -27, +19, +23, +6, -29, +18, -21, +19.
- Staff III:** IV 1↑, III 1↑, +18, +6, +18, +21, -28, +21, +35, +23, -38, +19, +8, +33, -12, +19.
- Staff IV:** IV 5↓, IV 3↑, +33, +21, +23, -30, +19, -19, -47, +19, +18.

2nd system (Measures 237-238):

- Staff I:** I 5↓, III 1↑, II 1↑, II 1↑, I 11↓, I 13↓, I 7↓, III 1↑, IV 3↑, IV 13↑, IV 3↑, IV 13↑, IV 3↑.
- Staff II:** IV 11↑, IV 3↑, I 1↑, I 11↑, I 3↑, I 13↑, I 5↑, IV 5↓, IV 1↑, IV 11↑, IV 13↓, IV 1↑.
- Staff III:** I 5↓, I 3↑, I 13↑, I 5↑, IV 5↓, IV 7↑, I 3↓, IV 7↑.
- Staff IV:** I 11↓, I 13↓, I 7↓, III 1↑, III 3↓.

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1st system (Measures 240-241):

- Staff I:** +18, +19, +35, +47, +45, +49, +49, +18, +18, +22, +25, +37, +23, -45, -47, -43, -32, -43.
- Staff II:** IV 1↑, II 1↑, III 1↑, IV 1↑, II 1↑, III 3↑, IV 1↑, +21, +33, +35, +47, -49, -38, +18, +16, +20, +8, +23, +22, -47, -43, -45.
- Staff III:** IV 1↑, IV 3↑, IV 1↑, IV 5↓, IV 3↑, IV 7↑, III 1↑, I 3↑, I 5↑, III 1↑, I 5↑, III 1↑, I 3↑, I 11↓, I 1↑, IV 1↑, IV 7↓, II 1↑, IV 3↓, I 1↑, IV 1↑, +18, +18, +21, +33, +35, +47, +35, -20, +16, +20, +23, -30, +22, +23, -45, -43, -47.
- Staff IV:** IV 1↑, IV 1↑, I 5↓, II 1↑, II 1↑, IV 5↑, IV 7↓, II 3↓, II 1↑, I 3↑, I 11↓, I 1↑, IV 1↑, IV 7↓, II 1↑, IV 3↓, III 1↑, III 3↓, +21, +33, +45, +49, +18, +16, +20, +6, +35, +23, -45.