

Multivoice Counterpoint Analysis

gallon-v8sp5 (2019-03-09 03:21)

1 (from gallon-v8sp5) Key: F major Text: 115. Lyrics: sp05555555.

Flags:

The image shows a musical score for eight voices, arranged in four systems of two staves each. The voices are labeled as follows: Soprano-1 [species 5] [Voice 1], Soprano-2 [species 5] [Voice 2], Alto-1 [species 5] [Voice 3], Alto-2 [species 5] [Voice 4], Tenor-1 [species 5] [Voice 5], Tenor-2 [species 5] [Voice 6], Bass-1 [species 5] [Voice 7], and Bass-2 [c.f.] [Voice 8]. The score is in common time (C) and F major. The analysis includes several flags: '1↓' in the Soprano-1 staff; '2. Vocal range' in the Soprano-2 staff; '7. Abuse of stepwise motion' in the Alto-1 staff, with a red line connecting notes and a dashed yellow line below; '11↓' in the Alto-2 staff; '21' in the Tenor-1 staff; '21' in the Tenor-2 staff; '25↑' in the Bass-1 staff, with a red line connecting notes and a dashed yellow line below; and '5' in the Bass-2 staff. Additionally, there are red arrows pointing to notes in the Alto-1, Tenor-1, Tenor-2, and Bass-2 staves. The word 'Flags:' is written above the first staff of each system.

Soprano-1 [species 5] [Voice 1]

Soprano-2 [species 5] [Voice 2]

Alto-1 [species 5] [Voice 3]

Alto-2 [species 5] [Voice 4]

Tenor-1 [species 5] [Voice 5]

Tenor-2 [species 5] [Voice 6]

Bass-1 [species 5] [Voice 7]

Bass-2 [c.f.] [Voice 8]

Harmony: I V IV⁶ I⁶ II⁶

6. Imbalance

16 - Harmony: Voice overlapping (direct 2nd) - with Alto-2, bar 6, beat 3

Tenor-1 [bar 7, beat 1] note D

17 - Harmony: Parallel 8ves / unisons: < measure apart (downbeat) - with Soprano-1, bar 6, beat 1

Tenor-1 [bar 10, beat 1] note G

18 - Harmony: Unresolved harmonic tritone - with Tenor-2, bar 11, beat 1

Tenor-1 [bar 10, beat 3] note B \flat

19 - Harmony: Voice overlapping (direct 2nd) - with Alto-2, bar 10, beat 2

20 - Harmony: Unresolved harmonic tritone - with Tenor-2, bar 11, beat 1

Tenor-2 [bar 5, beat 4] note F

21 - Harmony: Voice overlapping (direct 2nd) - with Tenor-1, bar 5, beat 3

Tenor-2 [bar 10, beat 1] note E

22 - Melody: Leading tone is unresolved (need up) - to bar 11, beat 1

23 - Harmony: Unresolved harmonic tritone - with Alto-1, bar 11, beat 1

Tenor-2 [bar 11, beat 1] note A

24 - Rhythm: Same rhythm in adjacent measures

Bass-1 [bar 3, beat 2] note F

25 - Harmony: Non-permitted first harmonic interval (M7) - with Alto-1

Bass-1 [bar 6, beat 4] note B \flat

26 - Harmony: Voice overlapping (direct 2nd) - with Tenor-2, bar 6, beat 3

Bass-1 [bar 8, beat 1] note D

27 - Melody: Abuse of stepwise motion (>14 in any direction) - from bar 3, beat 2

Bass-1 [bar 10, beat 1] note B \flat

28 - Harmony: Unresolved harmonic tritone - with Tenor-2, bar 11, beat 1

29 - Harmony: Doubling of a tritone note - with Alto-2

2 (from gallon-v8sp5) Key: F minor Text: 116. Lyrics: sp55555055.

Flags:

Soprano-1 [species 5] [Voice 1]

Soprano-2 [species 5] [Voice 2]

Alto-1 [c.f.] [Voice 3]

Alto-2 [species 5] [Voice 4]

Tenor-1 [species 5] [Voice 5]

Tenor-2 [species 5] [Voice 6]

Bass-1 [species 5] [Voice 7]

Bass-2 [species 5] [Voice 8]

Harmony: I III VII⁶ I⁶

5

6. Many tonics $3 \rightarrow$ $5 \rightarrow$

10 \rightarrow
11 \rightarrow
12

4. VII not desc.

7. VI \leftarrow \rightarrow VII#

9. VII not desc.

13 \rightarrow 14 \rightarrow 16 \rightarrow

15. Unidir. leaps-----

17 \rightarrow

22 \rightarrow 23 \rightarrow 24 \rightarrow \leftarrow 25 \leftarrow 27 \leftarrow 28 \rightarrow 30 \rightarrow

26. Overlap--

29. Cross.

32 \rightarrow \leftarrow 33 \leftarrow 34

31⁸ VII not desc.

38 \leftarrow

36⁸ VII not desc.

37. Overlap

44. VII not desc.

45. Consecutive leaps-----

46. Res. -----

47

H: VII⁶ III I V I

22. Cross. ———

14. Cross. ———

30. Cross. ———

Soprano-1 [bar 2, beat 4] note D \flat

1 - Melody: VII \flat should be surrounded by descending stepwise motion - to bar 4, beat 1

Soprano-1 [bar 4, beat 3] note E \flat

2 - Melody: Stagnation (9 notes <4th) - to bar 7, beat 1

Soprano-1 [bar 5, beat 4] note G

3 - Melody: VII \flat should be surrounded by descending stepwise motion - to bar 6, beat 2

Soprano-1 [bar 6, beat 2] note F

4 - Melody: VII \flat should be surrounded by descending stepwise motion - to bar 7, beat 1

Soprano-1 [bar 6, beat 3] note E \flat

5 - Melody: bVII degree (before the tonic) - to bar 7, beat 1

Soprano-1 [bar 7, beat 4] note F

6 - Melody: Frequent return to the tonic (4 within 12) - from bar 4, beat 2

Soprano-1 [bar 8, beat 2] note D \flat

7 - Melody: Dim or aug melodic interval (VI \leftarrow \rightarrow VII#) - from bar 8, beat 1

Soprano-2 [bar 1, beat 4] note F

8 - Melody: VII \flat should be surrounded by descending stepwise motion - to bar 2, beat 4

Soprano-2 [bar 4, beat 4] note A \flat

9 - Melody: VII \flat should be surrounded by descending stepwise motion - to bar 5, beat 4

Soprano-2 [bar 5, beat 1] note E \flat

10 - Melody: Uncompensated leap (>5th) - to bar 5, beat 4

11 - Melody: VII \flat should be surrounded by descending stepwise motion - to bar 5, beat 4

12 - Rhythm: Wrong usage of eighth notes (leap)

Soprano-2 [bar 7, beat 1] note C (middle)

13 - Melody: No change of direction before the leap: >1skip + close (>5th) - to bar 7, beat 3

Soprano-2 [bar 7, beat 3] note C

14 - Harmony: Voice crossing between non-adjacent voices - with Tenor-1, bar 7, beat 4

Soprano-2 [bar 8, beat 1] note E

15 - Melody: Consecutive unidirectional leaps (Two >3rds) - to bar 9, beat 1

Soprano-2 [bar 8, beat 3] note G

16 - Melody: No change of direction before the leap between measures: >1skip + close (4th) - to bar 9, beat 1

Alto-1 [bar 5, beat 1] note B \flat

17 - Melody: Imbalance between vocal ranges (>7 quarters) - with Bass-2, bar 6, beat 4

Alto-2 [bar 2, beat 2] note D \flat

18 - Melody: VII \flat should be surrounded by descending stepwise motion - to bar 3, beat 3

Alto-2 [bar 3, beat 3] note F

19 - Melody: VII \flat should be surrounded by descending stepwise motion - to bar 4, beat 1

Alto-2 [bar 3, beat 4] note E \flat

20 - Melody: bVII degree (before the tonic) - to bar 4, beat 1

Alto-2 [bar 4, beat 4] note C

21 - Melody: Uncompensated leap: precompensated (5th) - to bar 5, beat 1

Alto-2 [bar 5, beat 1] note G

22 - Harmony: Voice crossing between non-adjacent voices - with Soprano-2, bar 5, beat 3

Alto-2 [bar 5, beat 4] note G

23 - Melody: No change of direction before the leap between measures: 1skip + close (5th) - to bar 6, beat 1

Alto-2 [bar 6, beat 4] note A \flat

24 - Melody: Uncompensated leap: precompensated (>5th) - to bar 7, beat 1

Alto-2 [bar 7, beat 1] note A \flat

25 - Harmony: Parallel 8ves / unisons: < measure apart (downbeat) - with Alto-1, bar 6, beat 1

Alto-2 [bar 7, beat 3] note C

26 - Harmony: Voice overlapping (non-adjacent) - with Soprano-2, bar 7, beat 1

27 - Harmony: Similar motion to unison (upbeat, not cadence) - with Soprano-2, bar 7, beat 1

Alto-2 [bar 8, beat 1] note C (middle)

28 - Melody: Uncompensated leap (>5th) - to bar 8, beat 3

29 - Harmony: Similar motion with crossing voices (both voices leap) - with Soprano-2, bar 8, beat 3

Alto-2 [bar 8, beat 3] note C

30 - Harmony: Voice crossing between non-adjacent voices - with Soprano-2, bar 8, beat 4

Tenor-1 [bar 4, beat 3] note D \flat

31 - Melody: VII \flat should be surrounded by descending stepwise motion - to bar 5, beat 2

Tenor-1 [bar 6, beat 3] note A \flat

32 - Melody: No change of direction before the leap between measures: 1skip + close (>5th) - to bar 7, beat 1

Tenor-1 [bar 7, beat 1] note F

33 - Harmony: Parallel 8ves / unisons: < measure apart (downbeat) - with Bass-2, bar 6, beat 1

Tenor-1 [bar 8, beat 1] note C

34 - Harmony: Parallel 8ves / unisons: < measure apart (downbeat) - with Bass-2, bar 7, beat 1

Tenor-2 [bar 3, beat 4] note B \flat

35 - Melody: No change of direction before the leap between measures: 1skip + close (4th) - to bar 4, beat 1

Tenor-2 [bar 4, beat 3] note F

36 - Melody: VII \flat should be surrounded by descending stepwise motion - to bar 6, beat 3

Tenor-2 [bar 7, beat 1] note A \flat

37 - Harmony: Voice overlapping (non-adjacent) - with Alto-2, bar 6, beat 4

Tenor-2 [bar 8, beat 1] note C

38 - Harmony: Parallel 8ves / unisons: < measure apart (sus harm) - with Alto-2, bar 7, beat 1

Bass-1 [bar 2, beat 3] note A \flat

39 - Melody: VII \flat should be surrounded by descending stepwise motion - to bar 3, beat 2

40 - Melody: Uncompensated leap (5th) - to bar 3, beat 1

41 - Harmony: Non-permitted first harmonic interval (M7) - with Tenor-1

Bass-1 [bar 3, beat 1] note E \flat

42 - Harmony: Similar motion to 8ve in outer voices (downbeat, not cadence) - with Soprano-1, bar 2, beat 4

Bass-1 [bar 3, beat 2] note D \flat

43 - Melody: VII \flat should be surrounded by descending stepwise motion - to bar 4, beat 1

Bass-1 [bar 5, beat 1] note B \flat

44 - Melody: VII \flat should be surrounded by descending stepwise motion - to bar 6, beat 1

Bass-1 [bar 6, beat 1] note A \flat

45 - Melody: Consecutive leaps (more than 4) - from bar 3, beat 3

Bass-1 [bar 8, beat 3] note E

46 - Melody: Leading tone is unresolved (need up) - to bar 9, beat 1

Bass-2 [bar 9, beat 1] note F

47 - Rhythm: Same rhythm in adjacent measures

Legend:

- 7 This note violates a minor rule (yellow). If underlined, means that violation is shown in the score with shape of same color
- 8 This note violates a major rule (red). If underlined, means that violation is shown in the score with shape of same color
- ⦿ Circled note is considered non-chord tone (passing, auxiliary or other) or a chord tone in a similar melodic form

Harmonic notation: International notation (Walter Piston)