

Show the normal form and prime form for the 9 pc sets segmented on your score. pitches to illustrate the proper arrangement of the pitch classes; put normal form in [] and prime form in ().

I II III IV V VI VII VIII IX

[9, E, 3] [4, 6, T] [7, 9, 1, 3] [6, 8, 0, 2] [E, 7, E, 1] [4, 6, T, 0] [3, 5, 9, E] [8, 7, 2, 4] [1, 2, 3, 7, 8, 9]
 (0, 2, 6) (0, 2, 6) (1, 3, 7, 9) (0, 2, 6, 8) (E, 1, 5, 7) (T, 0, 4, 6) [9, E, 3, 5] [8, 4, 8, 1] [7, 8, 9, 1, 2, 3]
 (0, 2, 6, 8) (0, 2, 6, 8) (0, 2, 6, 8) (0, 2, 6, 8) (0, 2, 6, 8) (0, 2, 6, 8) (0, 2, 6, 8) (0, 2, 6, 8) (0, 2, 6, 7, 8)

If pc sets I and II have the same prime form, show the voice-leading and Tn or TnI that connects them. If they do not have the same prime form, write "no" below.

9 — 4
 E — 6
 3 — T T_7

If pc sets I and II have the same prime form does their relationship at Tn or TnI obtain in pitch space? Write "yes" or "no" below. If "yes" show the mapping with ordered pitch intervals; if "no" show the arrangement of pitches that would have been necessary for pitch mapping to have occurred. If "no" suggest a reason why the mapping does not or cannot occur.

Yes

same intervals same order

If pc sets III and IV have the same prime form, show the voice-leading and Tn or TnI that connects them. If they do not have the same prime form, write "no" below.

1 — 0
 3 — 2
 7 — 6
 9 — 8 T_{11}

If pc sets III and V have the same prime form does their relationship at Tn or TnI obtain in pitch space? Write "yes" or "no" below. If "yes" show the mapping with ordered pitch intervals; if "no" show the arrangement of pitches that would have been necessary for pitch mapping to have occurred. If "no" suggest a reason why the mapping does not or cannot occur.

No

potential solution — not possible because is the lowest note on a 12

What is the musical "logic" of pc set 9 ending the work? Write your ideas on the back.

Set IX fits much better because it is a transposition of sets III-IV, just with chromatic neighbor tones added. It is $[1, 2, 3, 7, 8]$ and if it were $[1, 3, 7, 9]$ it would have belonged to (0, 2, 6) or 4th class. Pitch class 8 is added in as an upper chromatic neighbor after 7 and then 2 is added as a lower chromatic neighbor before 1. This goes along with how the sets added became (0, 1, 2, 6, 7, 8), completing the pattern of increasing complexity of the set classes as the piece progresses.

qed

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