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MTO 8.3 Examples: Scotto, Transformational Networks, Transpositional Combination

(Note: audio, video, and other interactive examples are only available online)
http://www.mtosmt.org/issues/mto.02.8.3/mto.02.8.3.scotto.php

Example 1a. TINV Set Classes

0-1 [ ]
2-6 [06]
3-12 [048]
4-9 [0167]
4-25 [0268]
4-28 [0369]
6-7 [012678]
6-20 [014589]
6-30 [013679]
6-35 [02468t]
8-9 [01236789]
8-25 [0124678t]
8-28 [0134679t]
9-12 [01245689t]
10-6 [0123456789te]
12-1 [0123456789te]

Example 1b. Generators of Set Class 4–25 by TC

2-2 * C6 = 4-25	{02} * T6 = {0268}
2-4 * C6 = 4-25	{08} * T6 = {0268}
3-8 * C6 = 4-25	{026} * T6 = {0268}
4-25 *C6 = 4-25	{0268} * T6 = {0268}

Example 2. Form Chart

Processional

A ***sempre pulsando***

sub-sections

1	2	3	4
Db/bm	**E/c#m**	**C/am**	**B/g#m**

B ***lo stesso tempo***

sub-sections

1	2	3	4
Homophonic	**Countrapuntal**	**Countrapuntal\ Homophonic**	**Homophonic**

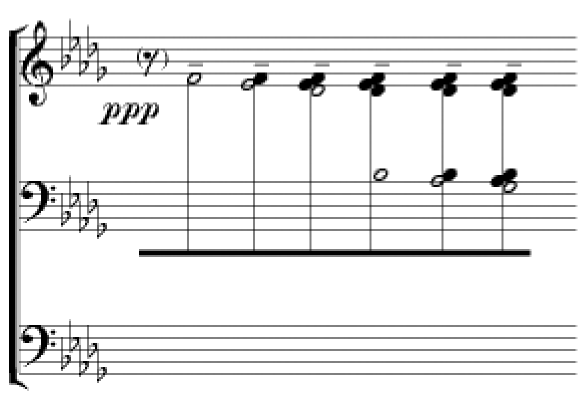
A ***sempre pulsando***

sub-sections

1	2	3	4
Db/bm	**E/c#m**	**C/am**	**B/g#m**

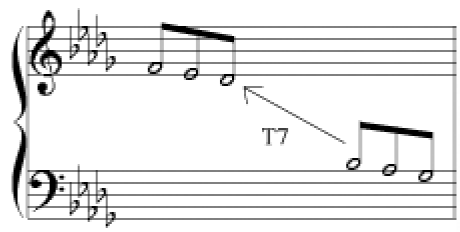
Example 3a. Processional's Motivic Cell

Sempre pulsando, estatic

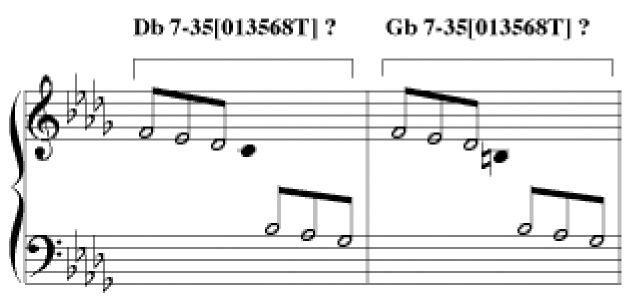


Example 3b. Processional's Motivic Cell

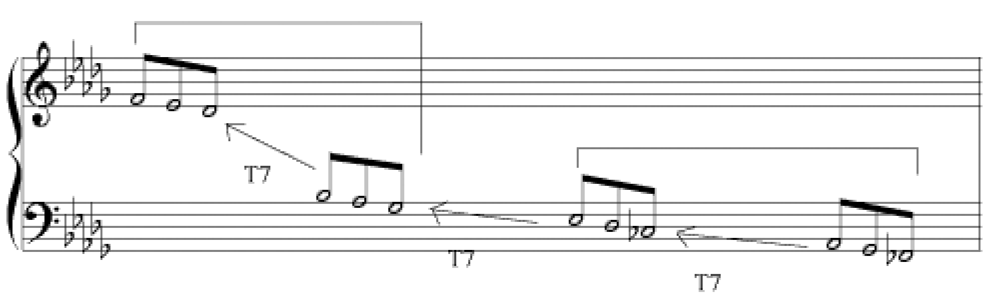
Example 3c. Processional's Motivic Cell



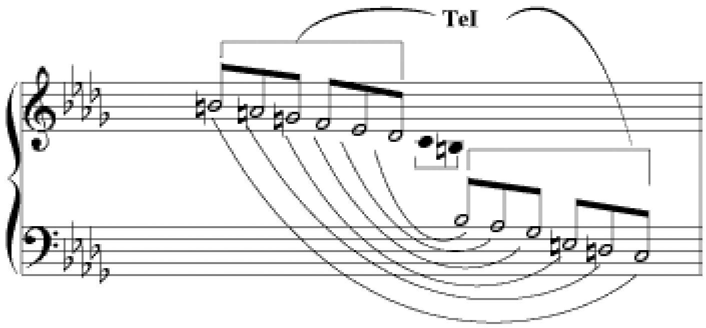
Example 4. Possible Diatonic Contexts for Processional's Motivic Cell



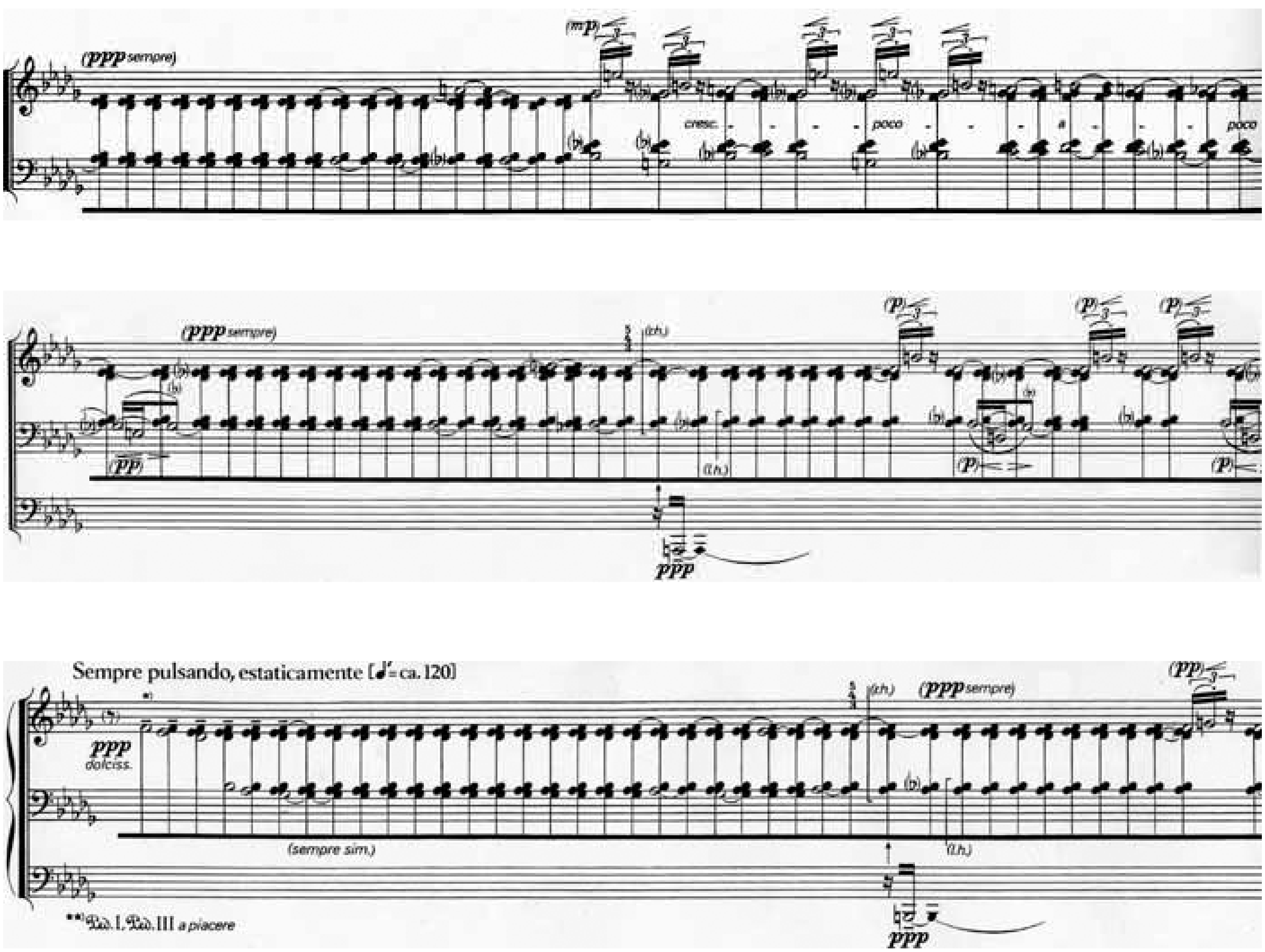
Example 5a. Possible Continuation of TC Generative Path



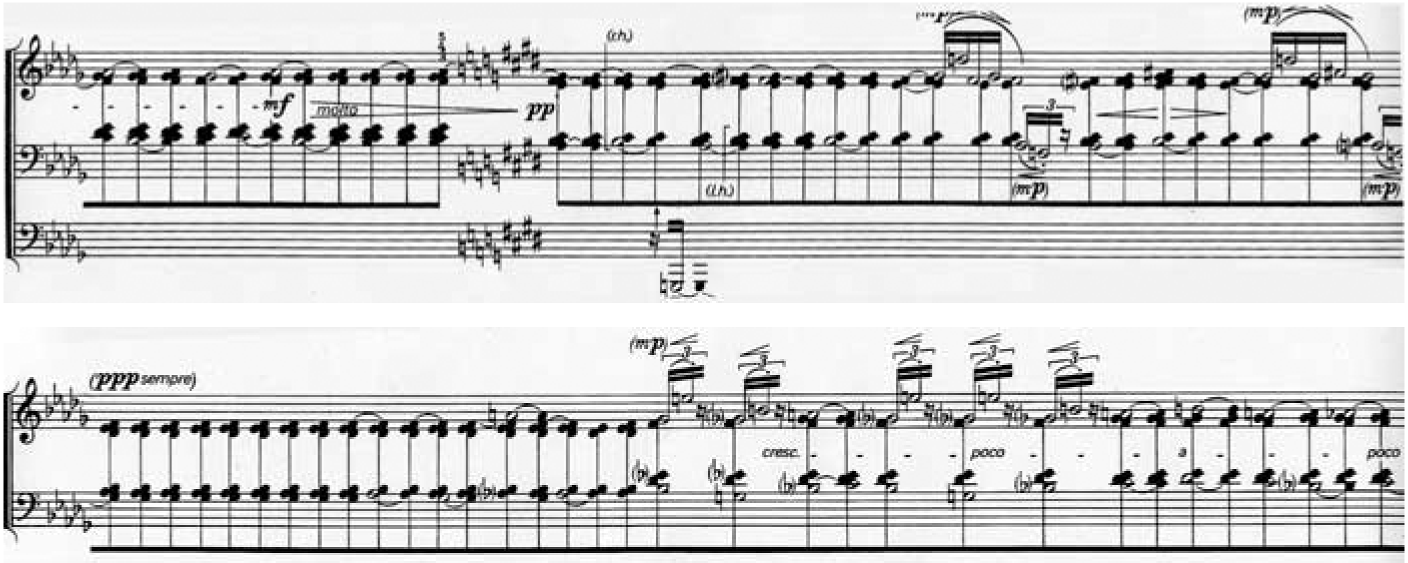
Example 5b. Possible Continuation of TC Generative Path



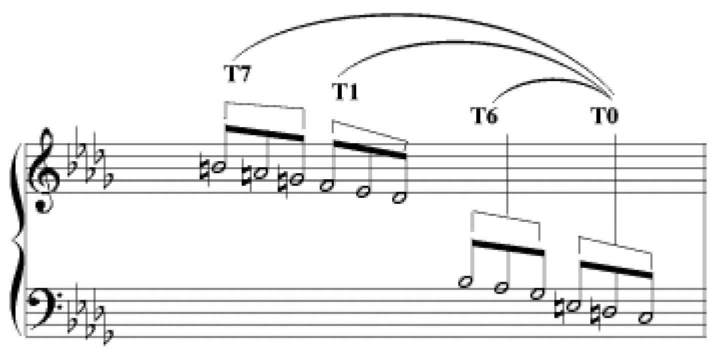
Example 6. Complementary Hexachord in Section 1



Example 7. Aggregate Completing C4 in Section 1



Example 8a. T(0167) [024] TC Networks



Example 8b. T(0167) [024] TC Networks

T0	024	T2	246	T4	468
T1	135	T3	357	T5	579
T6	68t	T8	8t0	Tt	t02
T7	79e	T9	9e1	Te	e13

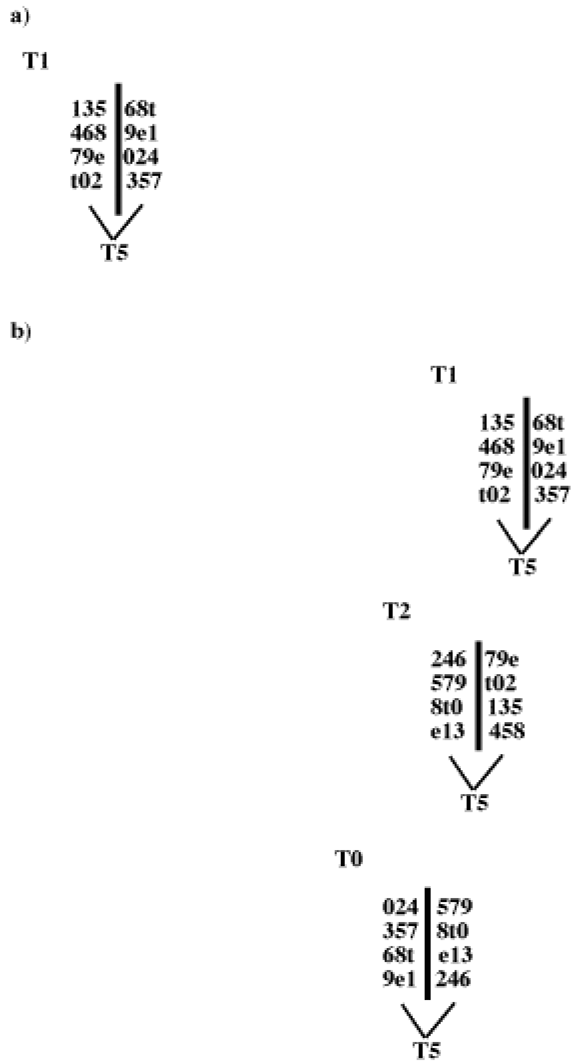
Example 9a. T(0369) [024] TC Networks

T0	024
T3	357
T6	68t
T9	9e1

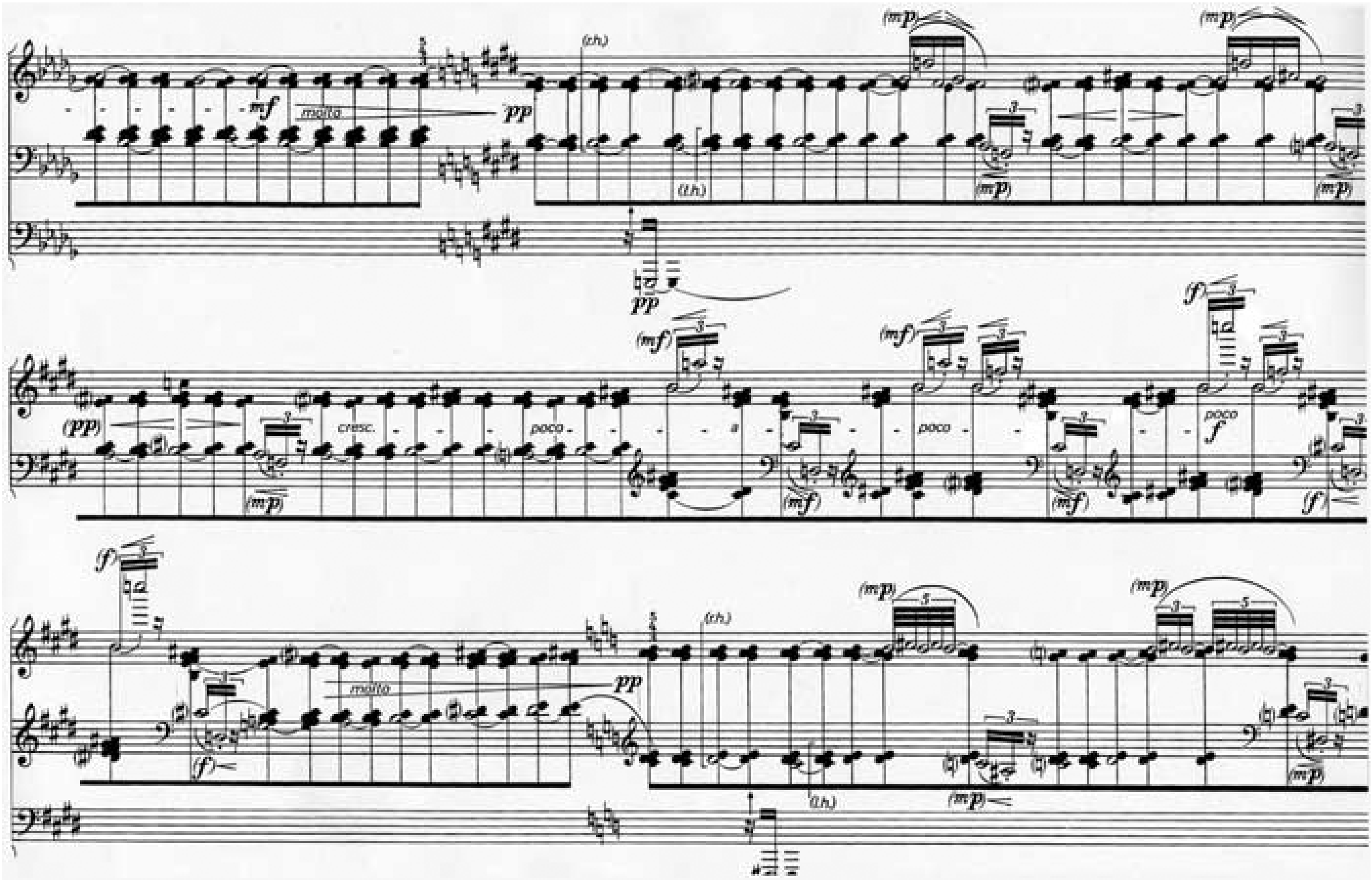
Example 9b. T(0369) [024] TC Networks

T0	024	T1	135	T2	246
T3	357	T4	468	T5	579
T6	68t	T7	79e	T8	8t0
T9	9e1	Tt	t02	Te	e13

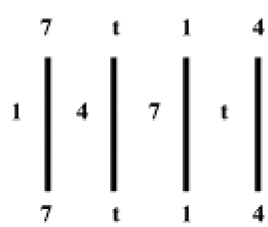
Example 10. Union of [0167] TC Networks



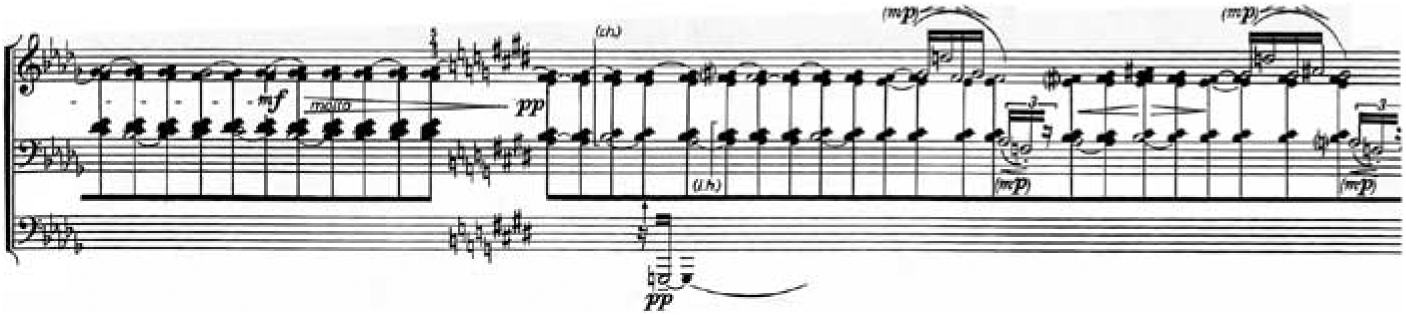
Example 11. Section 2 of Processional



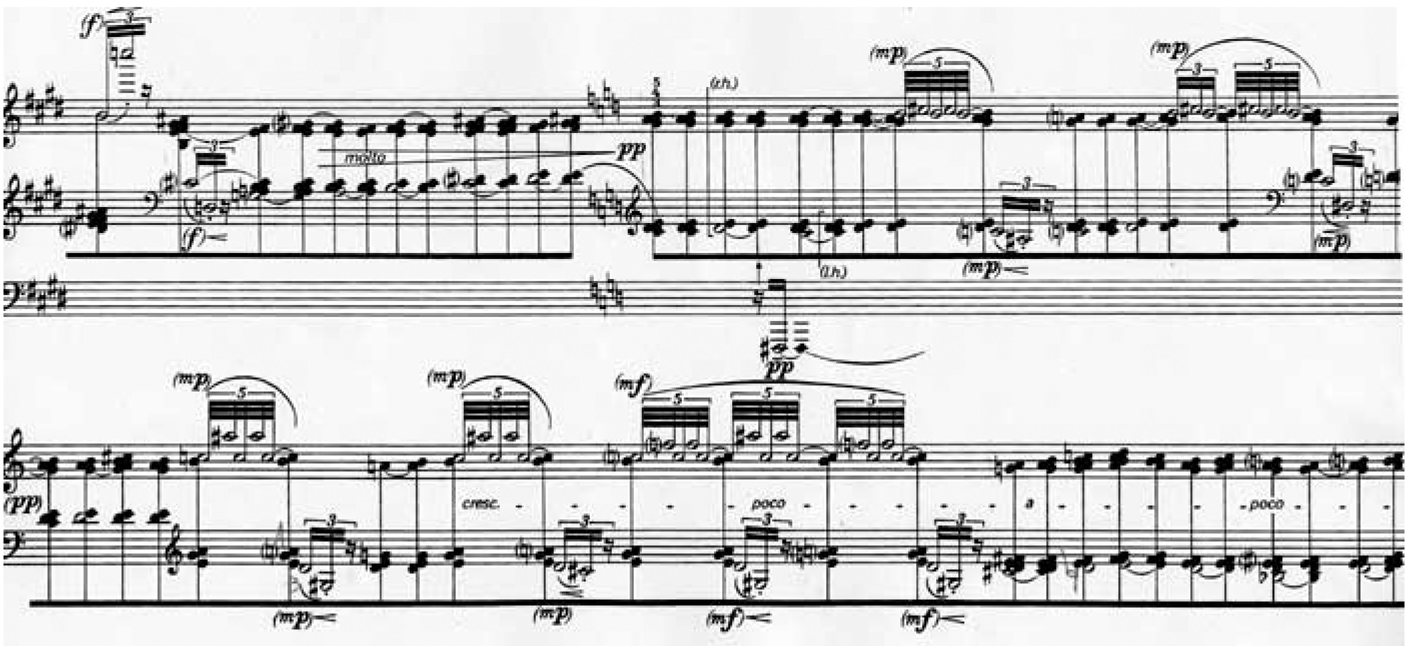
Example 12. Unfolding of the T1 [0369] TC Networks in Different Streams



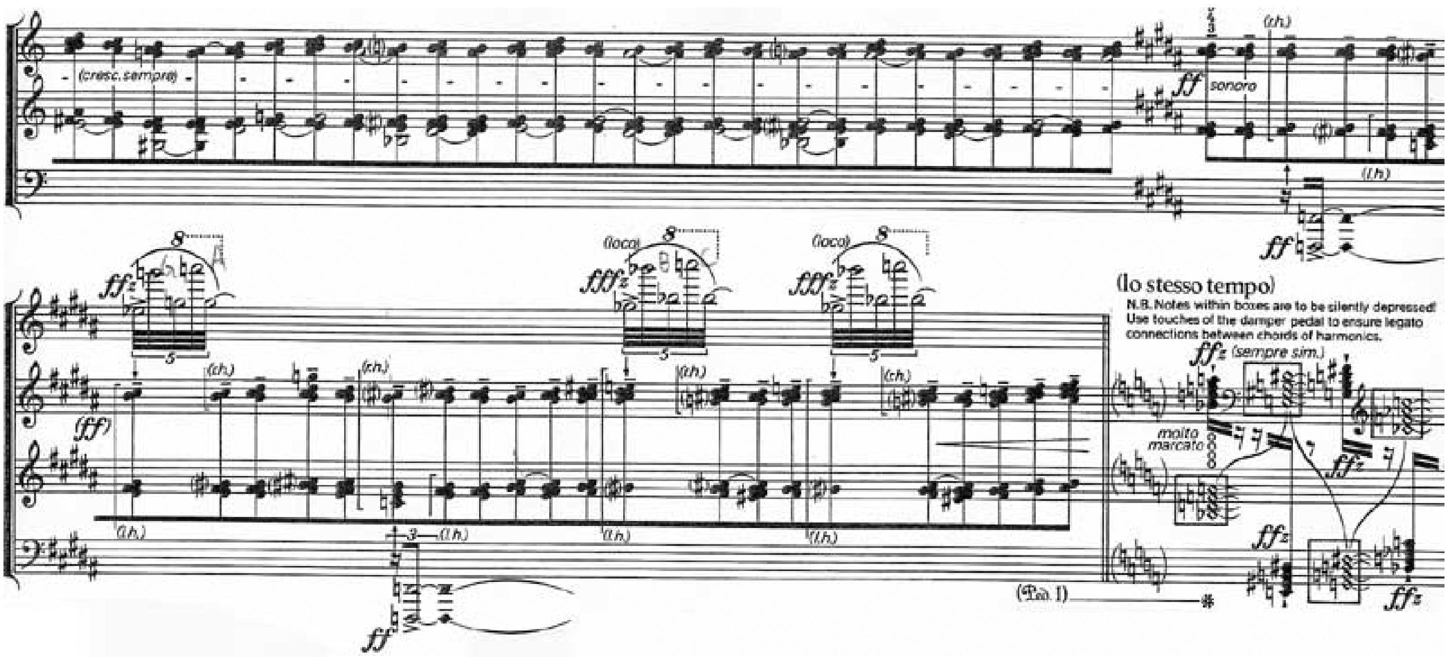
Example 13. Joint Between Sections 1 and 2



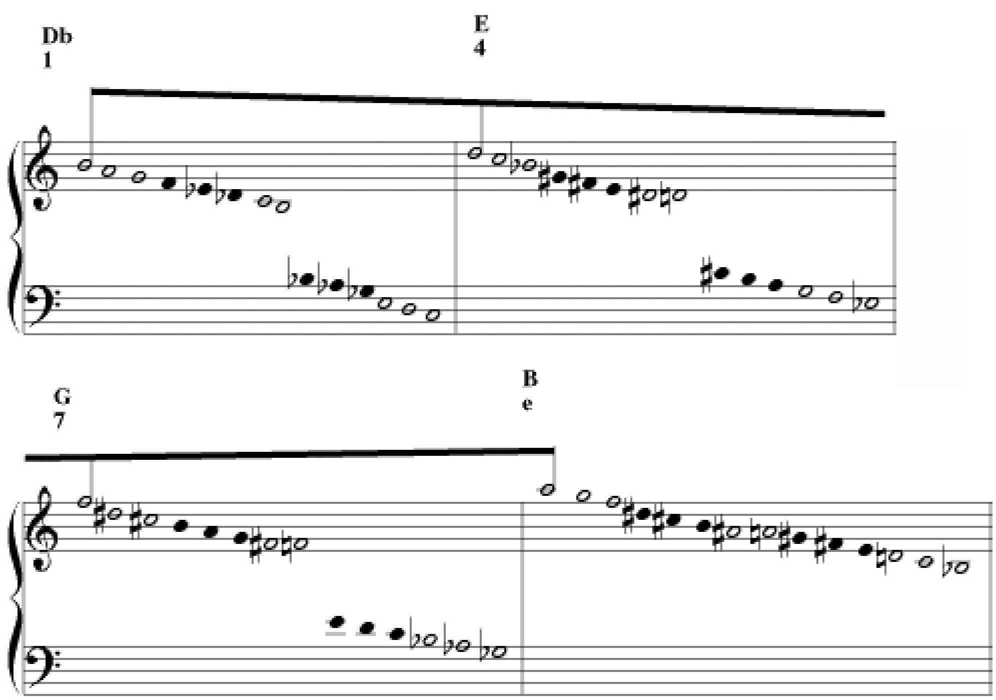
Example 14. Section 3



Example 15. Section 4



Example 16. Four IS Models

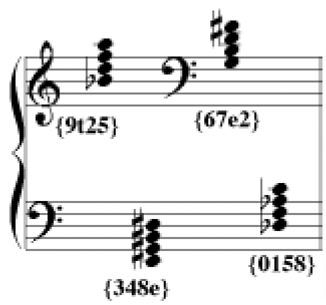


Example 17a. T(0369) [015] TC Networks

T0	015
T3	348
T6	67e
T9	9t2

Example 17b. T(0369) [015] TC Networks

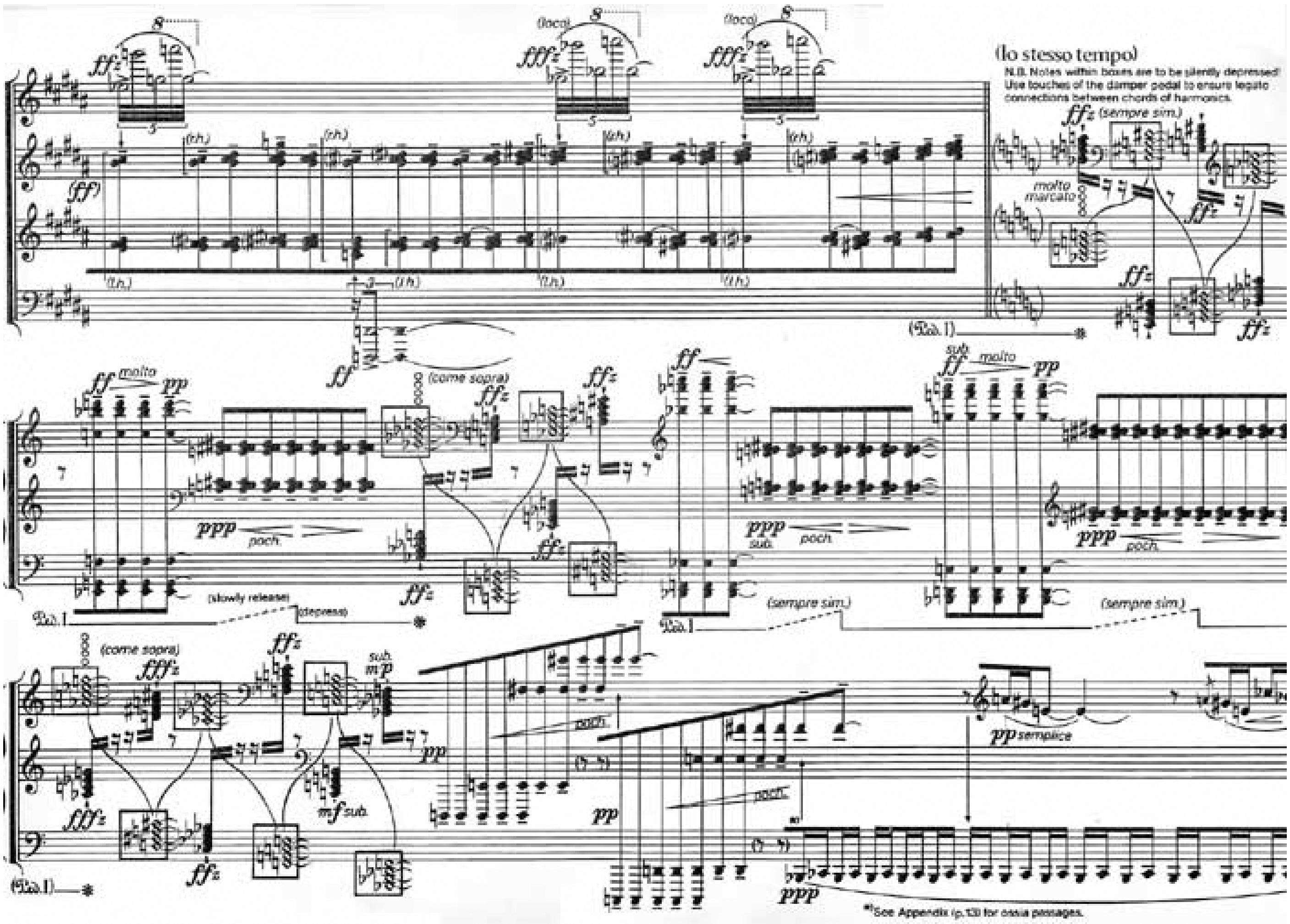
4-20[0158] Complex



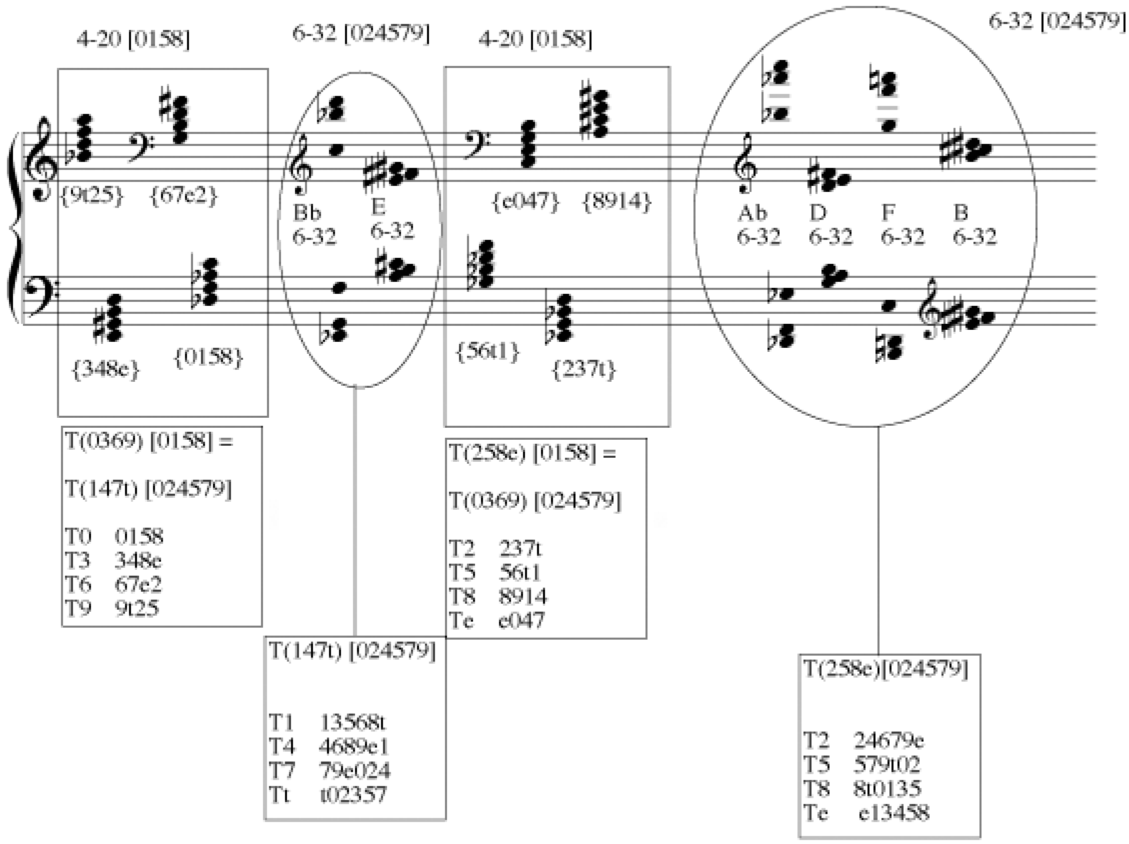
Example 17c. T(0369) [015] TC Networks

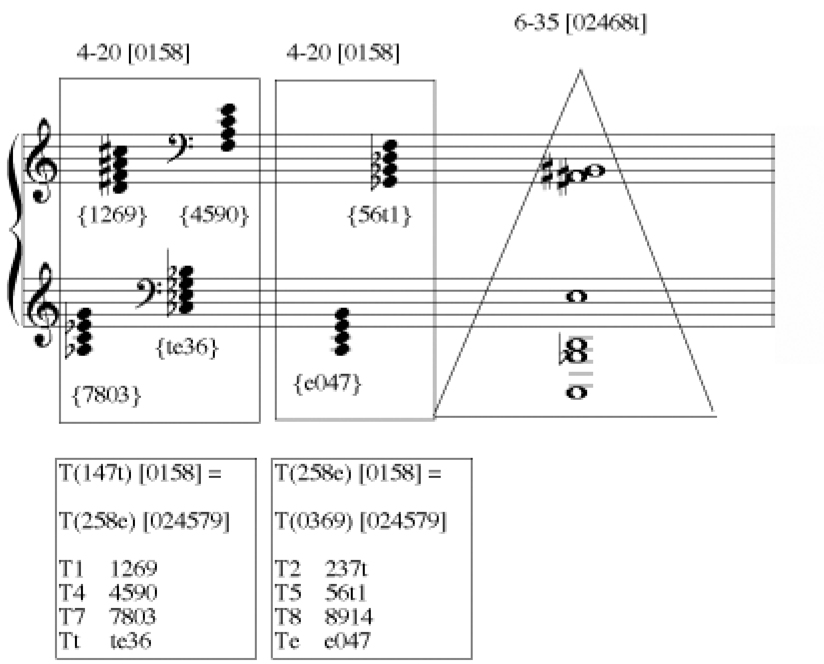
T0	0158	T1	1269	T2	237t
T3	348e	T4	4590	T5	56t1
T6	67e2	T7	7803	T8	8914
T9	9t25	Tt	te36	Te	e047

Example 18. First Section of Section B



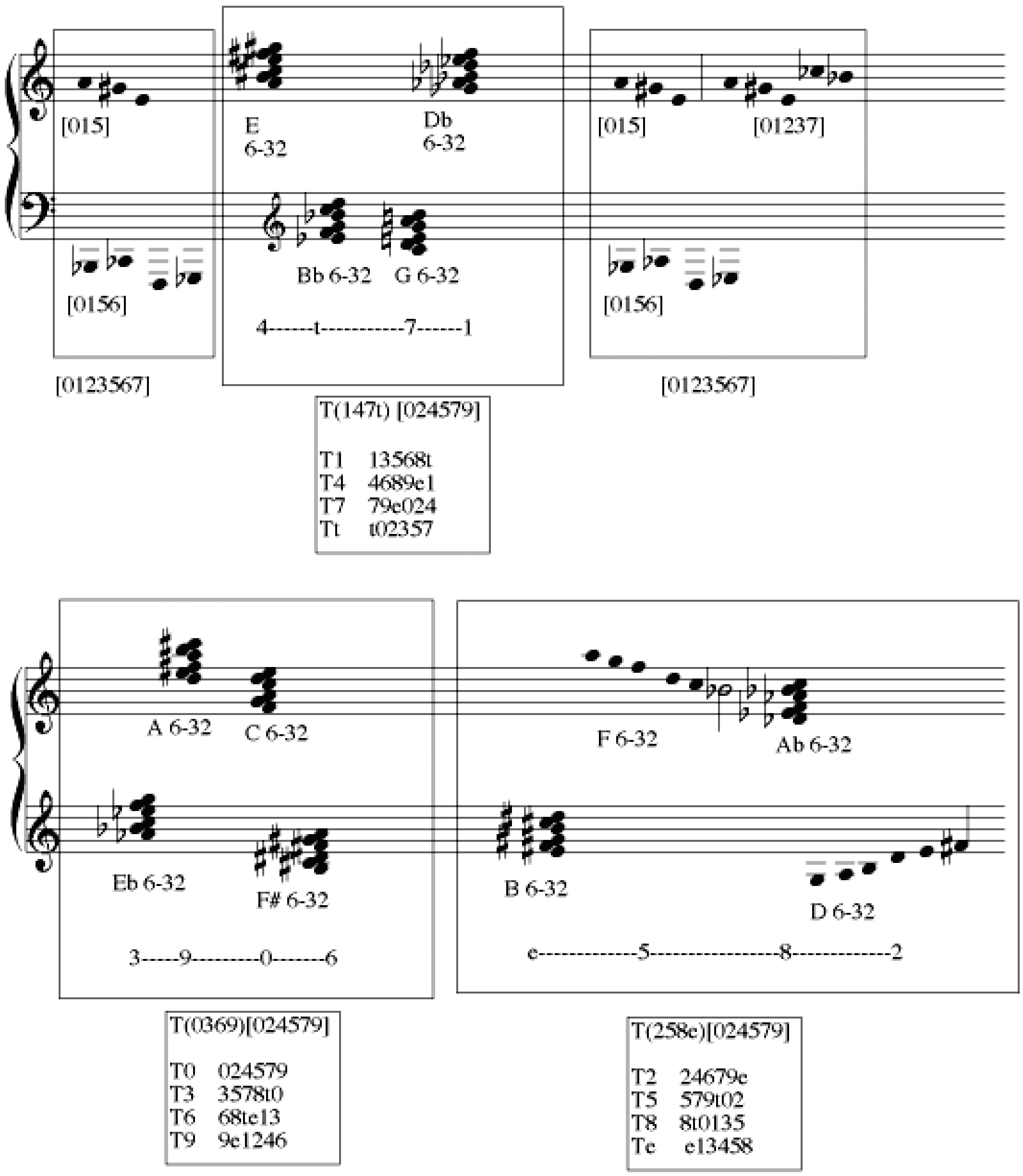
Example 19. Alternation of 4-20 [0158] and 6-32 [024579] Complexes



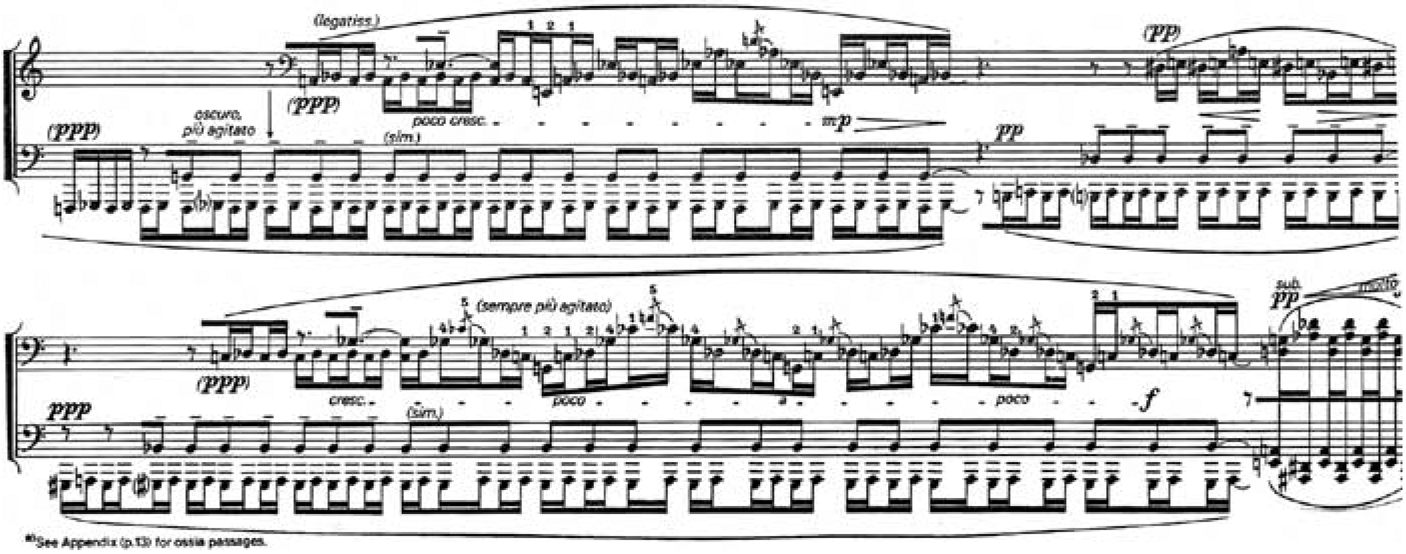


Example 20. Second Section of Section B

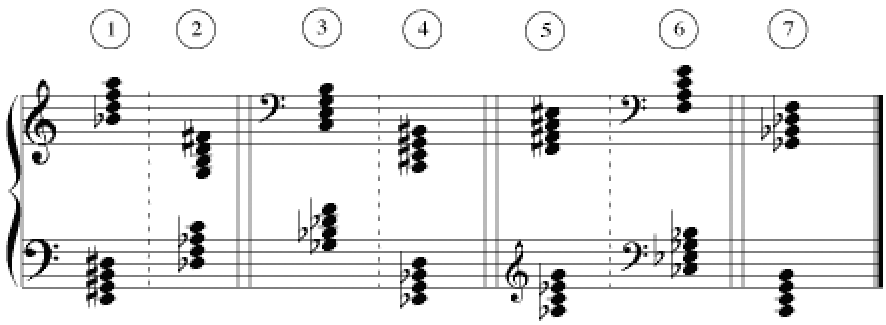
Example 21. Completion of T(0369) 6-32 [024579] Complexes



Example 22. Third Section of Section B



Example 23. Catalog of 8-9[01236789] Octachords



1) {234589te} 8-9[01236789]

2) {5678e012}

3) {4567te01}

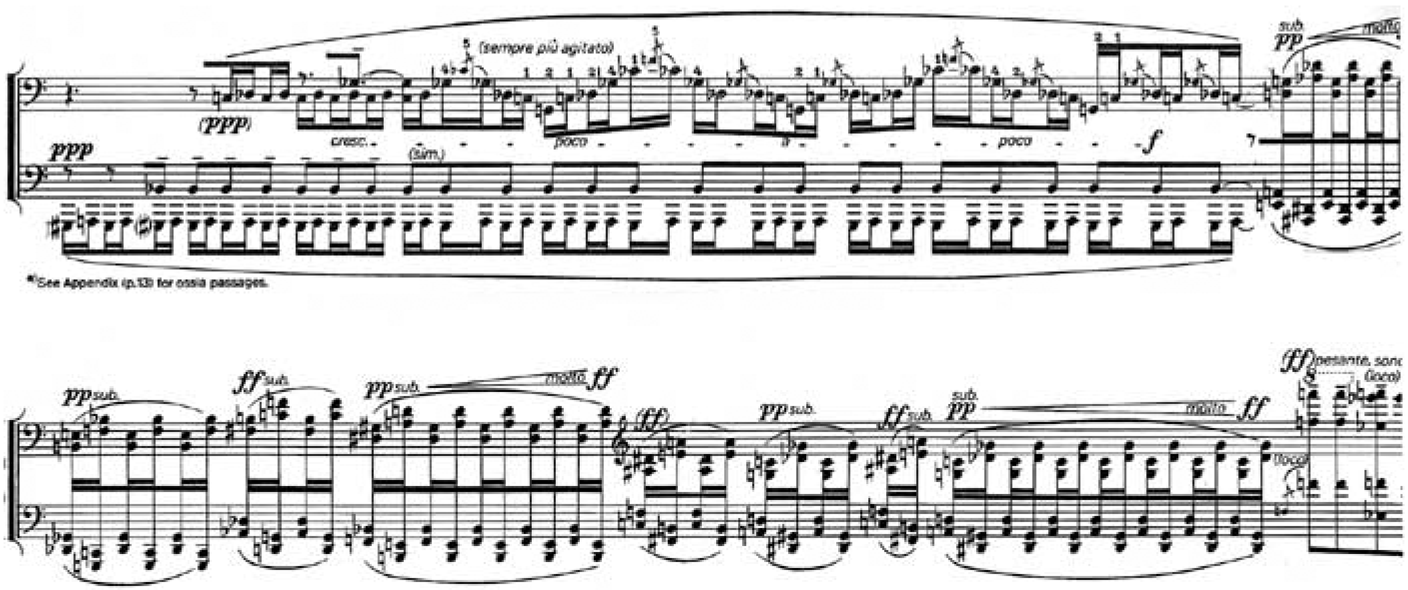
4) {1234789t}

5) {01236789}

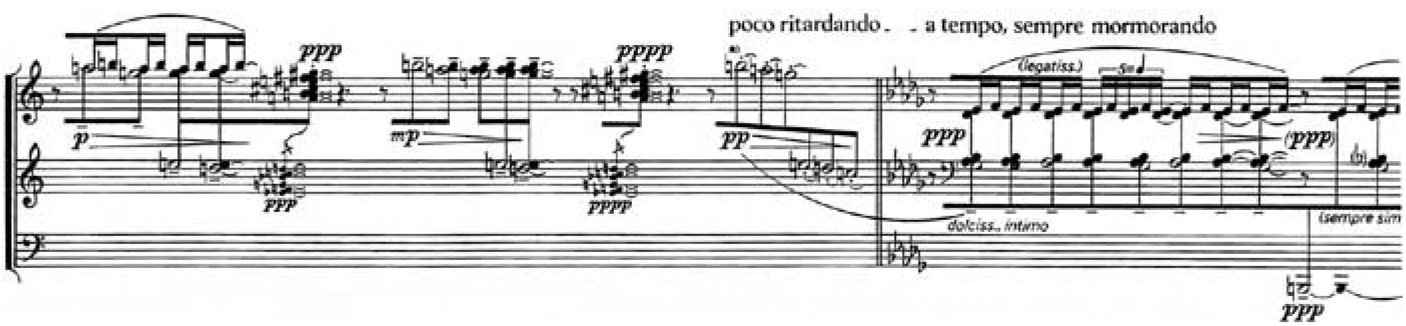
6) {34569t0e}

7) {4567te01}

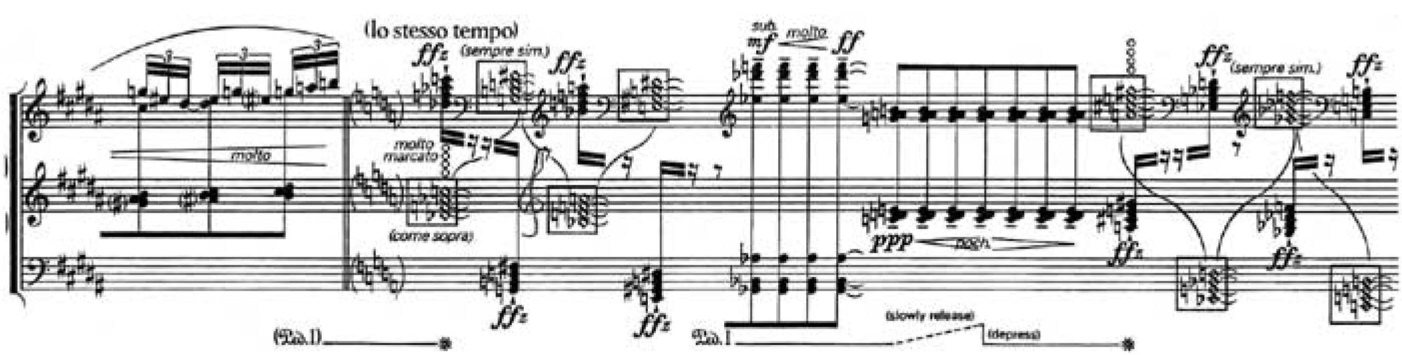
Example 24. Fourth Section of Section B



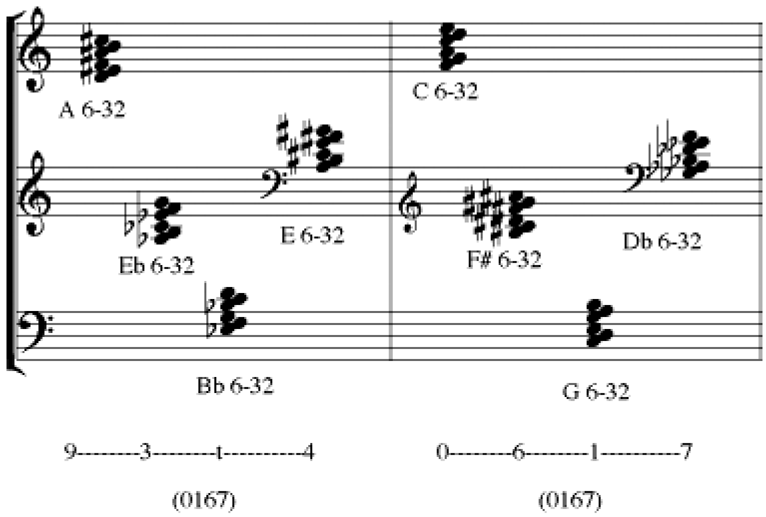
Example 25. Return of the A Section



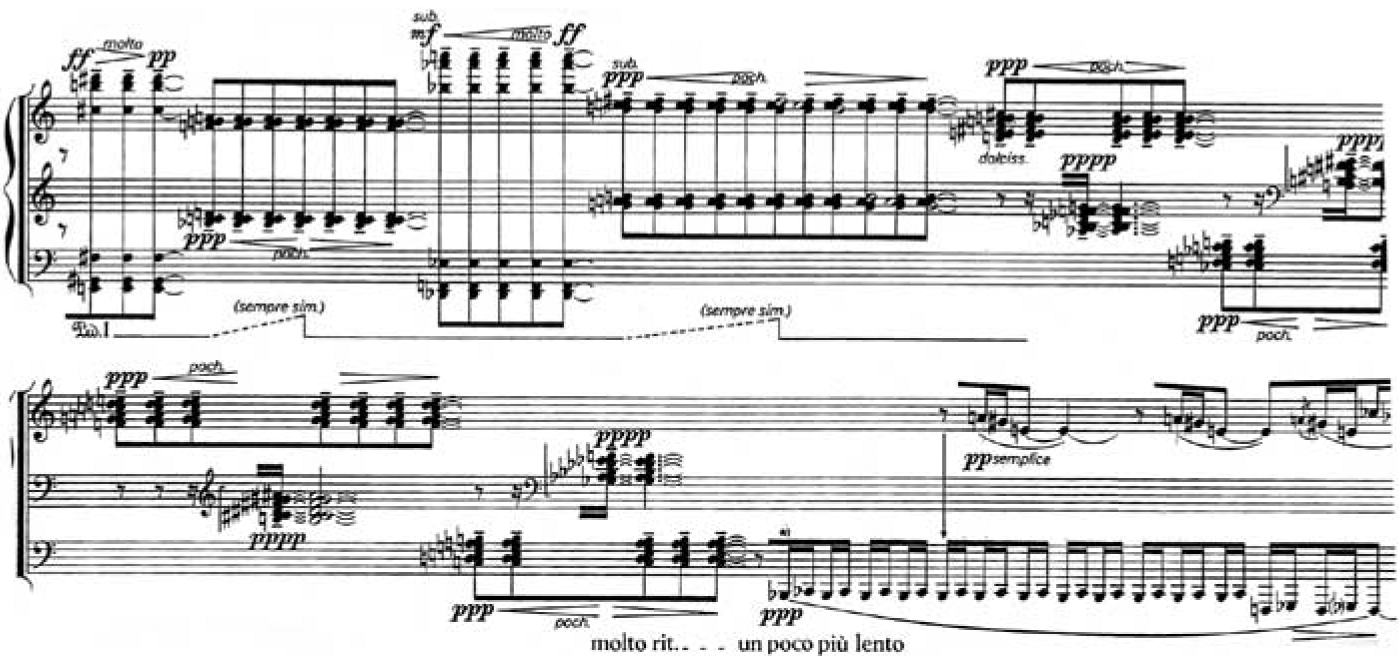
Example 26a. Beginning of the Coda



Example 26b. Beginning of the Coda

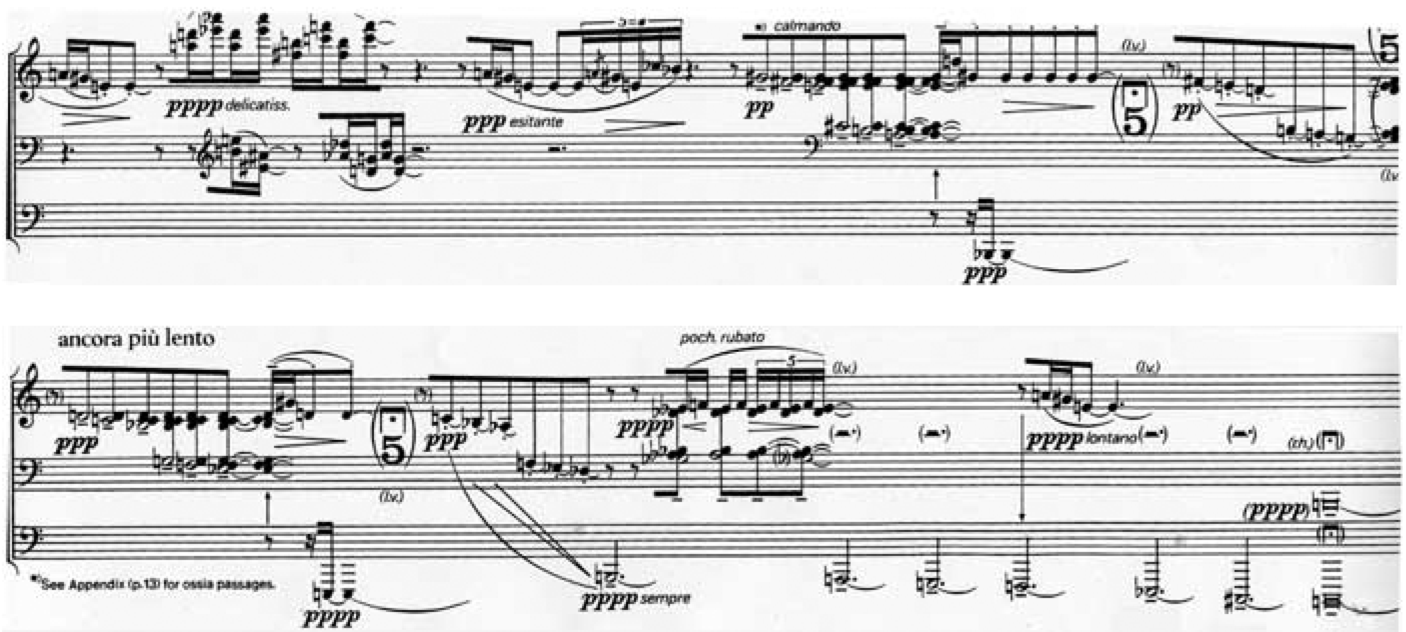


Example 27. T(0167) Unfolding of the 6-32 [024579] Hexachords

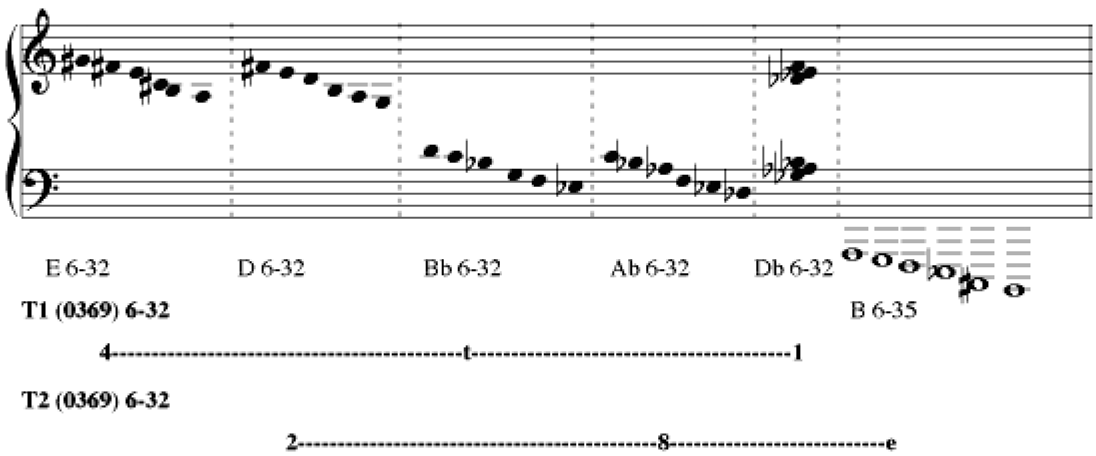


Example 28. 8-9[01236789] in the Coda

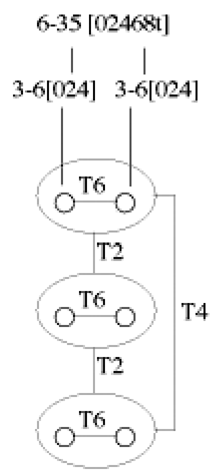
Example 29a. Interweaving of T1 and T2 (0369) 6-32 [024579] Complexes in the Work's Closing



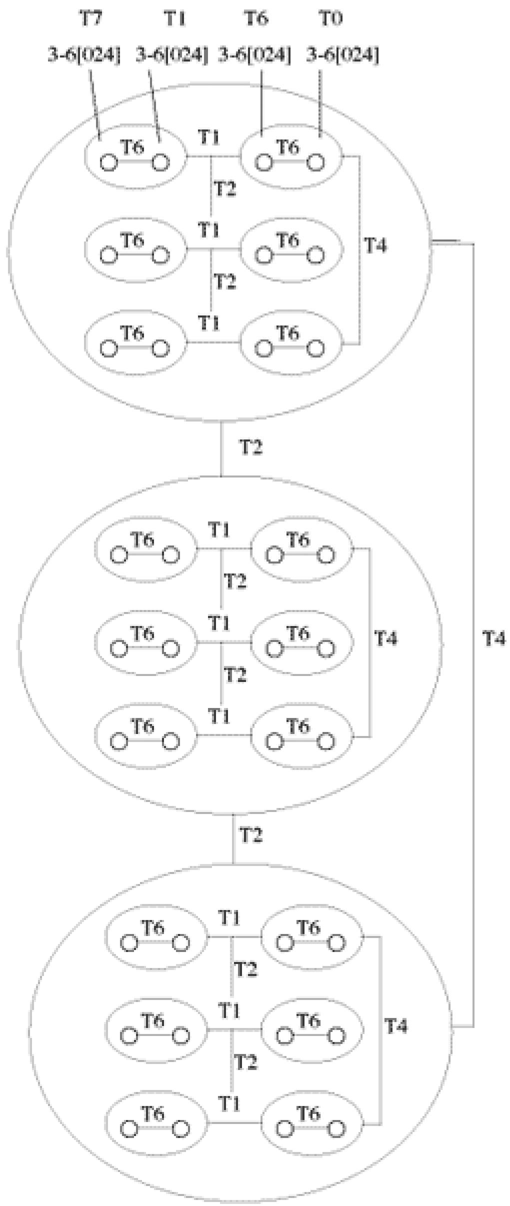
Example 29b. Interweaving of T1 and T2 (0369) 6-32 [024579] Complexes in the Work's Closing



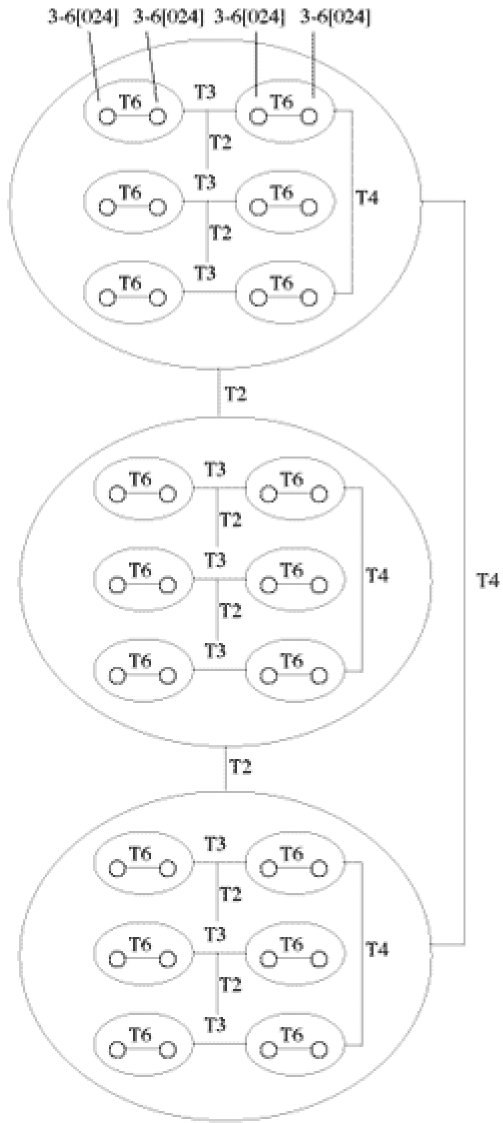
Example 30. Transformational Networks Generating 6-35 [02468t] from 3-6 [024]



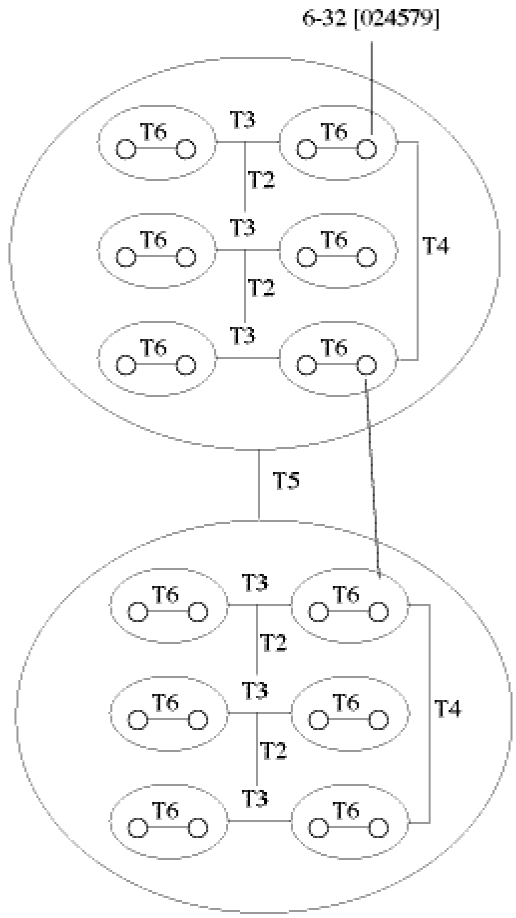
Example 31. Generating Larger Networks from the 6-35 [02468t]/3-6 [024] Networks



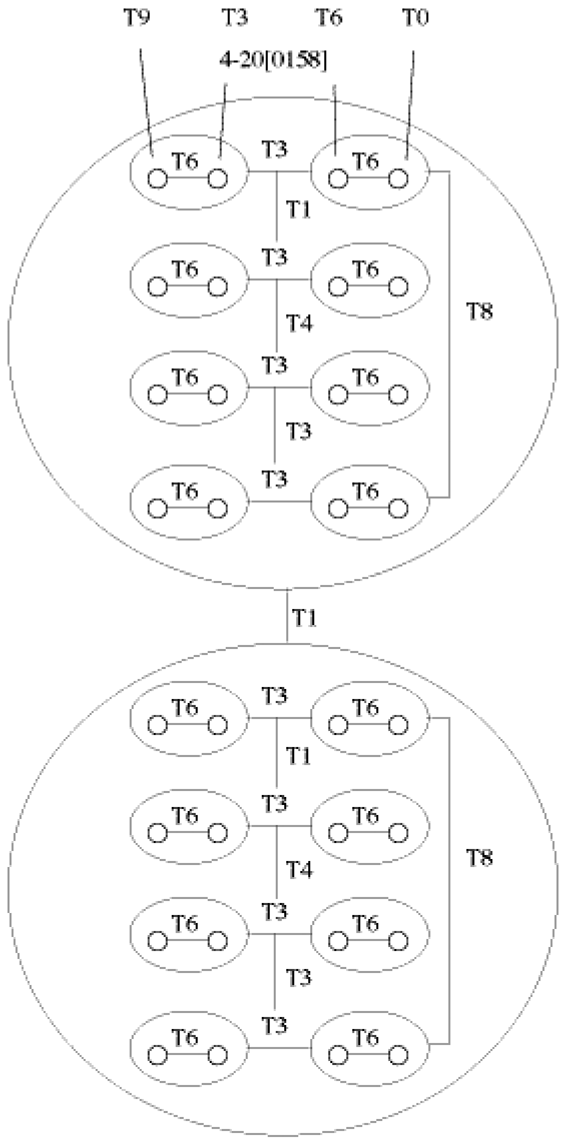
Example 32. Transformation of the Larger Network by Substituting Operations



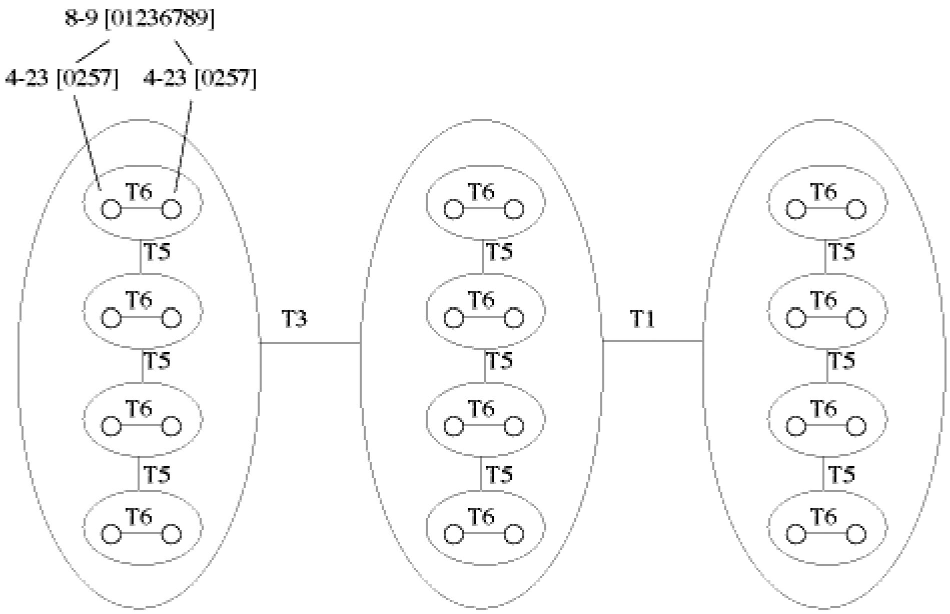
Example 33. Generating a 6-32 [024579] Network from a 6-35 [02468t] Network by Substituting Operations



Example 34. Generating the 4-20 [0158] Network from the Same Set of Local Operations



Example 35. T5 transformations of T6 nodes Generates Two T6 related 4-23[0257] tetrachords whose union generates 8-9[01236789]



Example 36. K-net Based on T_2 Transformation