MTO 12.4 Examples: Childs, Structural and Transformational Properties of All-Interval Tetrachords

(Note: audio, video, and other interactive examples are only available online)
http://www.mtosmt.org/issues/mto.06.12.4/mto.06.12.4.childs.php

Figure 1. Capuzzo’s analysis of Carter: Scrivo in Vento (mm. 37–42)

Figure 2. Modified reduction of Carter: Scrivo in Vento (mm. 37–42)
Figure 3. AITs as partitions on the set of interval classes

\begin{align*}
1+4 & \quad 2+5 & \quad 3+6 & \quad 1+2 & \quad 4+5 & \quad 3+6
\end{align*}

Figure 4. The four qualities of AIT

\begin{align*}
\begin{array}{c}
\{0137\} \\
(4215) \\
F^+ \\
\{0137\} \\
(1245) \\
F^- \\
\{0146\} \\
(1326) \\
F7 \\
\{0146\} \\
(2316) \\
F^{\pm}7
\end{array}
\end{align*}
Figure 5. Transformational labels for multiple-common-tone relationships among AITs
Figure 6. Examples of transformations performed on F7

(a) Possible transpositions by 3 half-steps: 1T3 turns F7 into F±7

(b) Possible ic4 dyads for exchange with ic2: 2X4 turns F7 into B–

Figure 7. Reduction of Carter: Scrivo in Vento (mm. 37–42)

Figure 8. Excerpt from Carter: Shard (mm. 56–57)
Figure 9. Excerpt from Carter: *Shard* (mm. 48–50)

![Musical notation image]

Figure 10. Reduction of Carter: *Scrivo in Vento* (mm. 1–17, 21–36)

![Musical notation image]
Figure 11. Excerpt from Carter: *Scrivo in Vento* (mm. 63–66)