



MTO 13.4 Examples: Reed and Bain, A Tetrahelix Animates Bach

(Note: audio, video, and other interactive examples are only available online)

http://www.mtosmt.org/issues/mto.07.13.4/mto.07.13.4.reed_bain.php

Graph 1. David Lewin's graph of Cohn flips on Forte-set 3-2

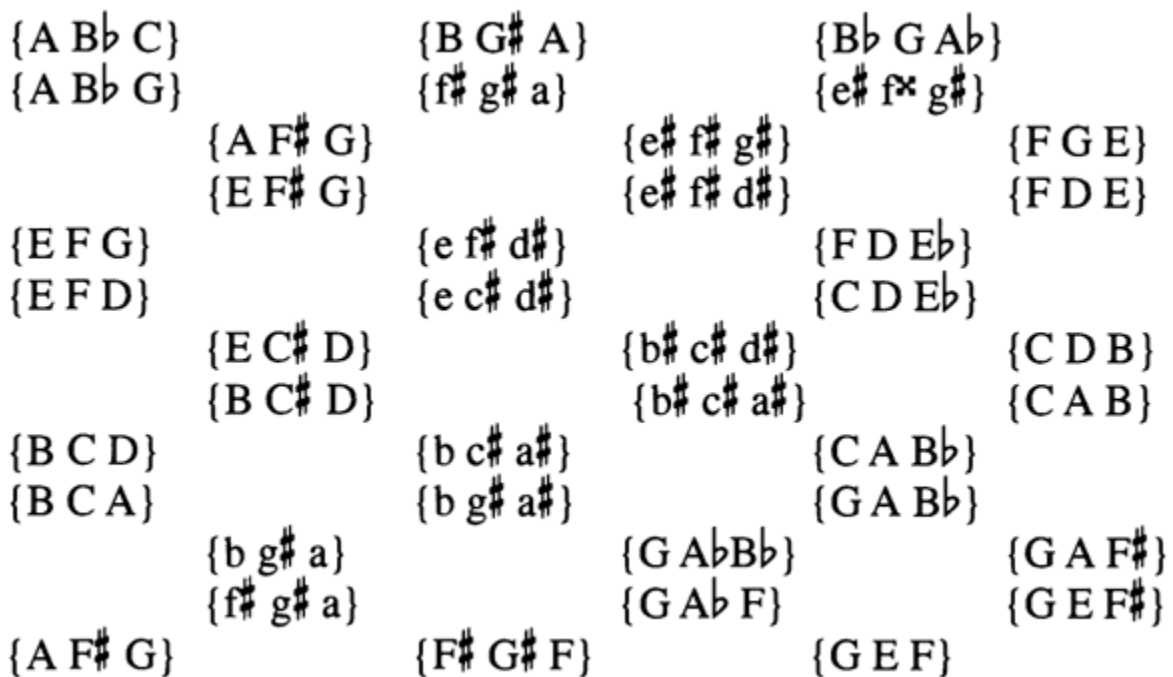


Figure 2.

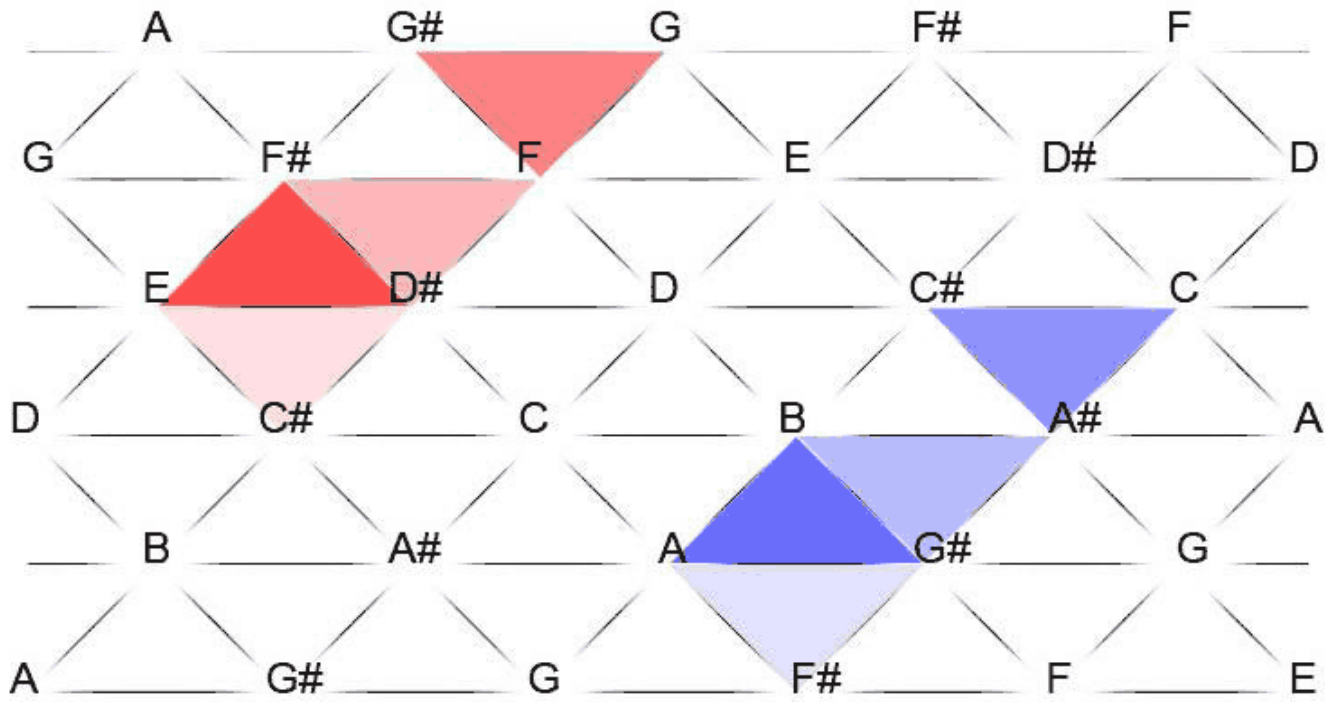


Figure 3.



Figure 4.

9 8 7 6 5 4 3 2 1 0 e t
6 5 4 3 2 1 0 e t 9 8 7
4 3 2 1 0 e t 9 8 7 6 5
1 0 e t 9 8 7 6 5 4 3 2
e t 9 8 7 6 5 4 3 2 1 0
8 7 6 5 4 3 2 1 0 e t 9
6 5 4 3 2 1 0 e t 9 8 7
3 2 1 0 e t 9 8 7 6 5 4
1 0 e t 9 8 7 6 5 4 3 2
t 9 8 7 6 5 4 3 2 1 0 e
8 7 6 5 4 3 2 1 0 e t 9
5 4 3 2 1 0 e t 9 8 7 6
3 2 1 0 e t 9 8 7 6 5 4
0 e t 9 8 7 6 5 4 3 2 1
t 9 8 7 6 5 4 3 2 1 0 e
7 6 5 4 3 2 1 0 e t 9 8
5 4 3 2 1 0 e t 9 8 7 6
2 1 0 e t 9 8 7 6 5 4 3
0 e t 9 8 7 6 5 4 3 2 1
9 8 7 6 5 4 3 2 1 0 e t
7 6 5 4 3 2 1 0 e t 9 8
4 3 2 1 0 e t 9 8 7 6 5
2 1 0 e t 9 8 7 6 5 4 3
e t 9 8 7 6 5 4 3 2 1 0

Figure 5.

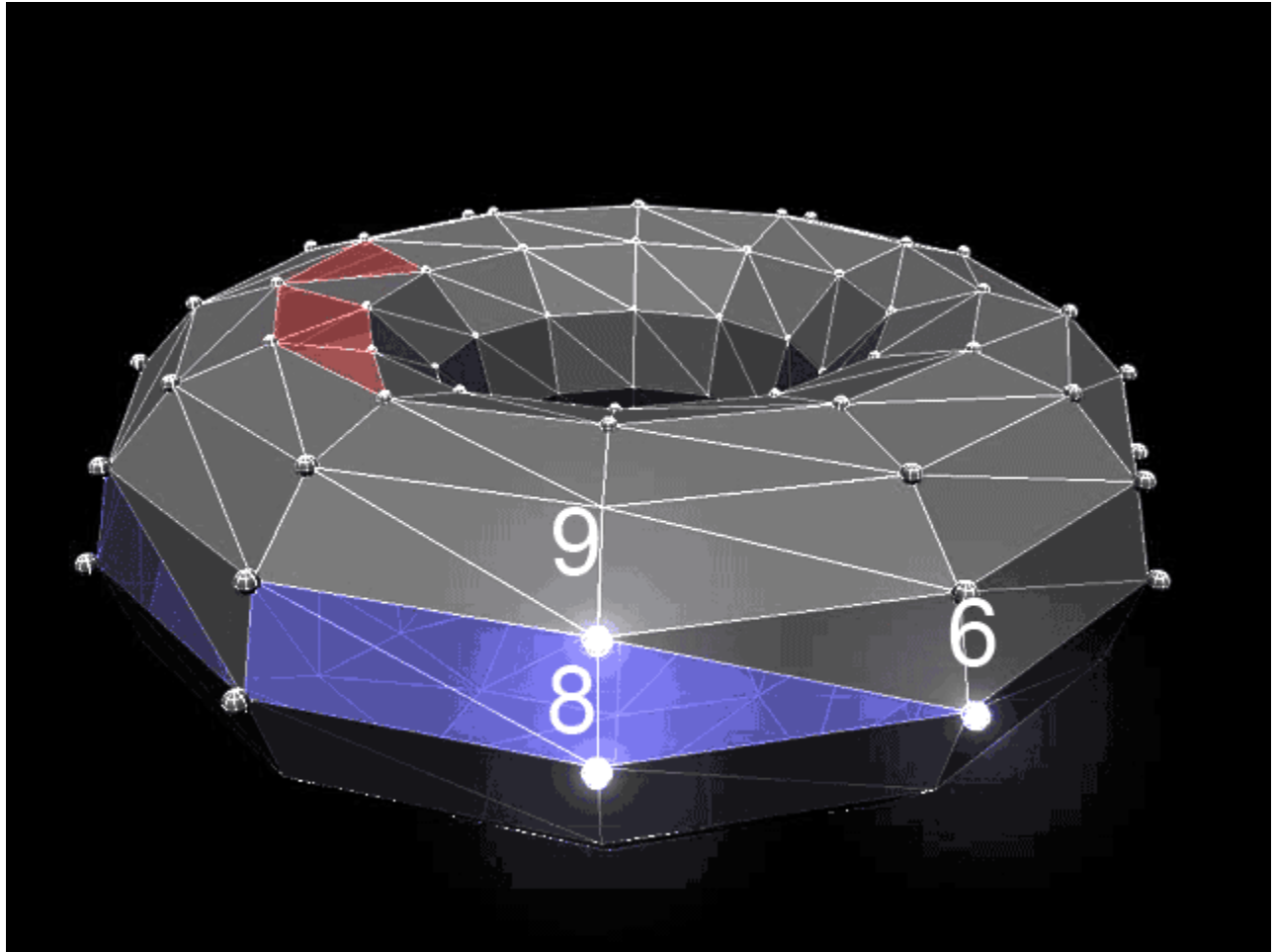


Figure 6.

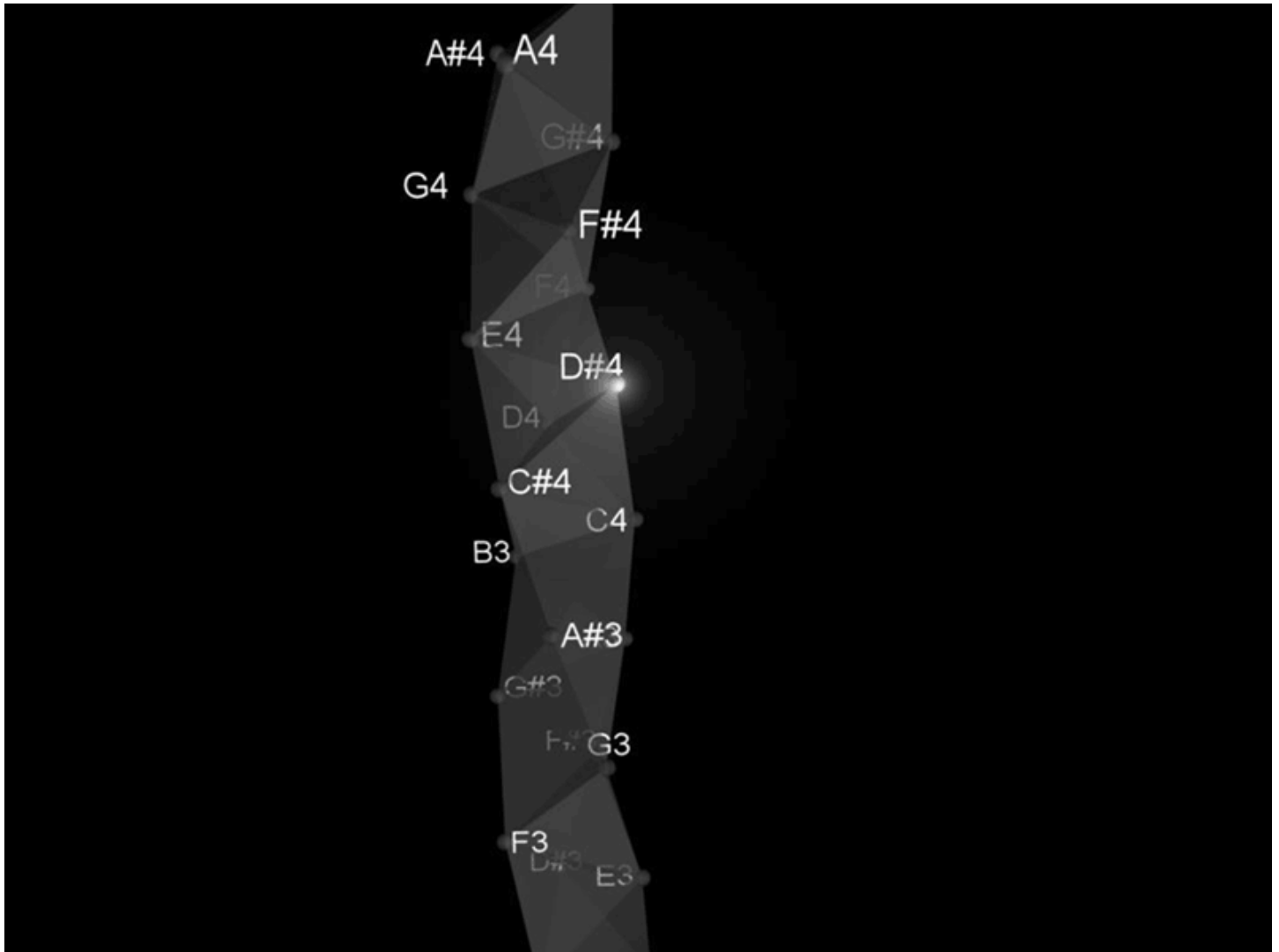


Figure 7.

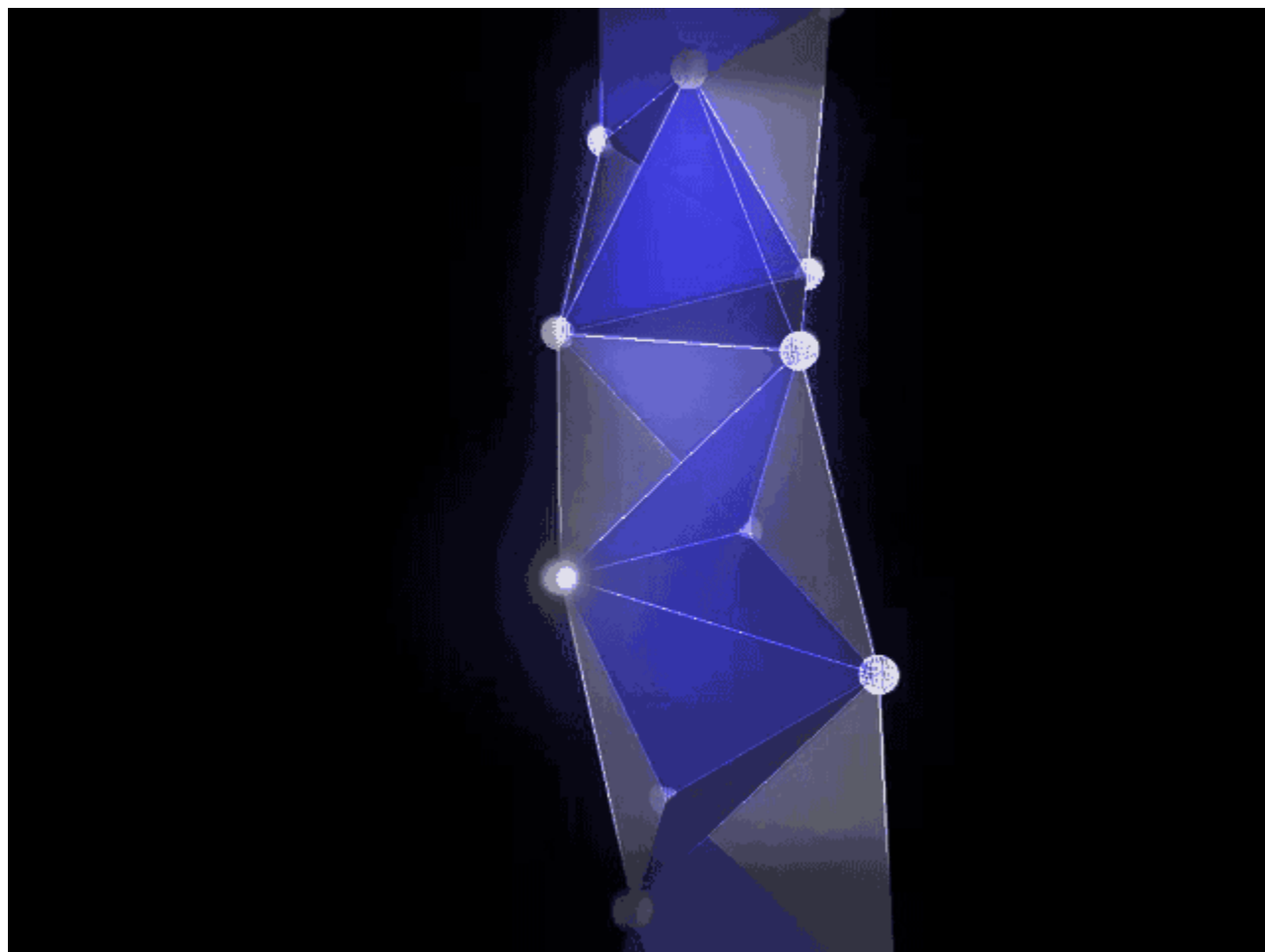


Table 1. Three octatonic collections and the list of (013) forms they each contain

HC_0HC_1	HC_0HC_2	HC_1HC_2
(0134679t)	(0235689e)	(124578te)
(013)	(023)	(124)
(01t)	(02e)	(12e)
(09t)	(09e)	(1te)
(134)	(235)	(245)
(346)	(356)	(457)
(467)	(568)	(578)
(679)	(689)	(78t)
(79t)	(89e)	(8te)