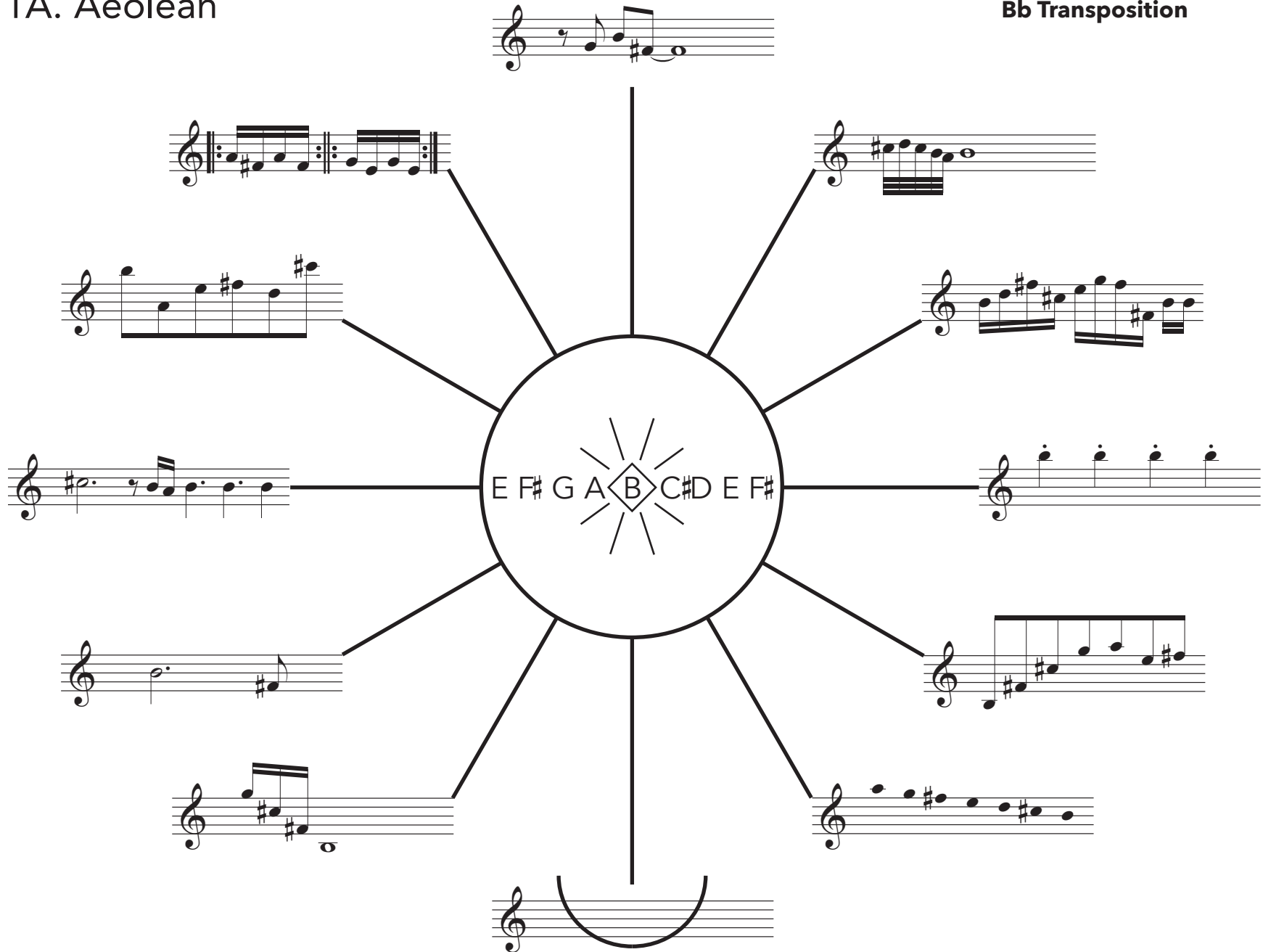


# 1A. Aeolian

**Bb Transposition**



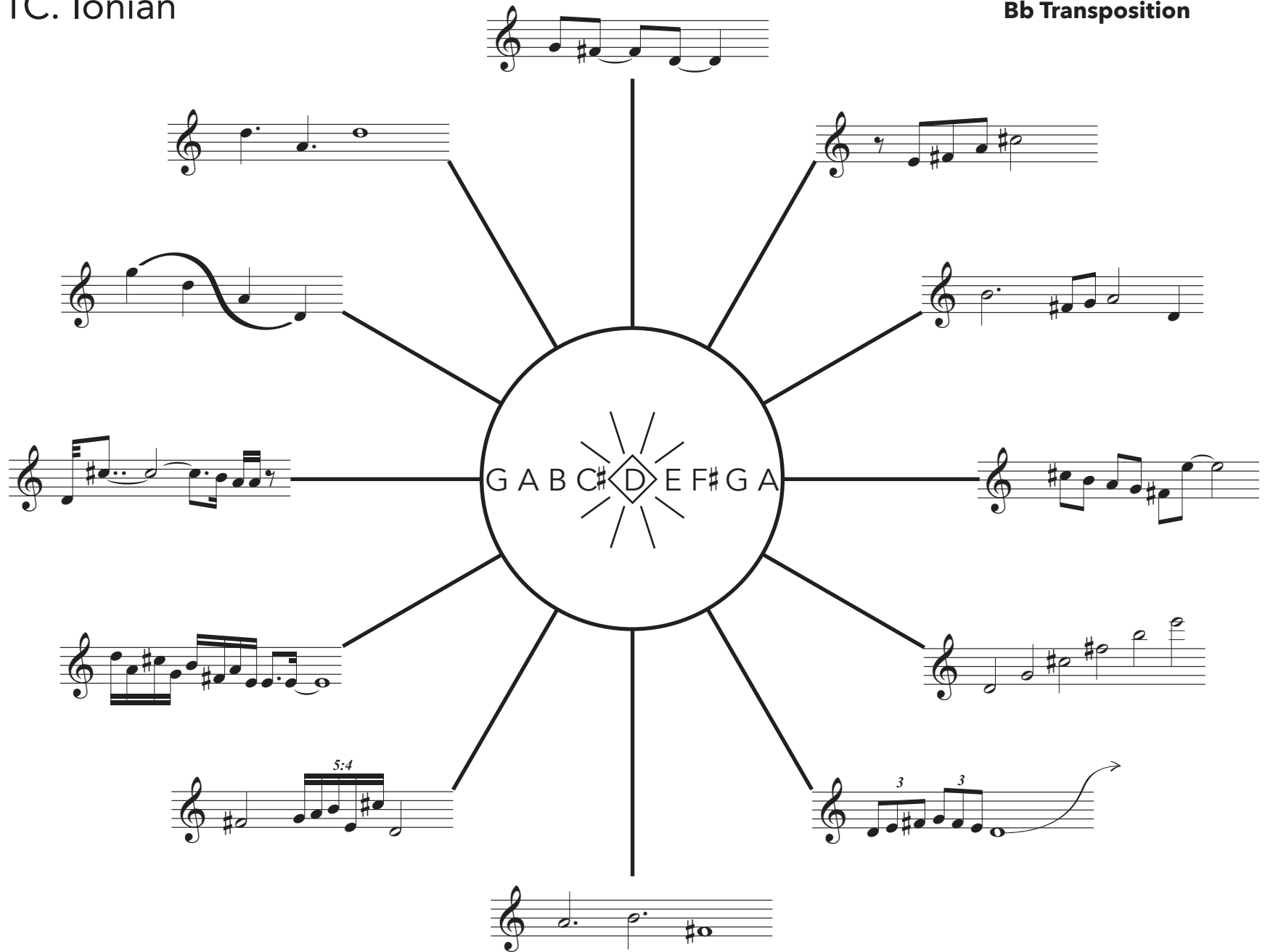
# 1B. Locrian

Bb Transposition

The diagram features a central circle with the notes **F# G A B C# D E F# G** arranged in a circle around a central diamond-shaped symbol. Ten lines radiate from this central circle to ten different musical staves, each illustrating a unique melodic line in the Locrian mode. The notes are arranged in a circle: F# (top-left), G (top), A (top-right), B (right), C# (bottom-right), D (bottom), E (bottom-left), F# (left), G (top-left).

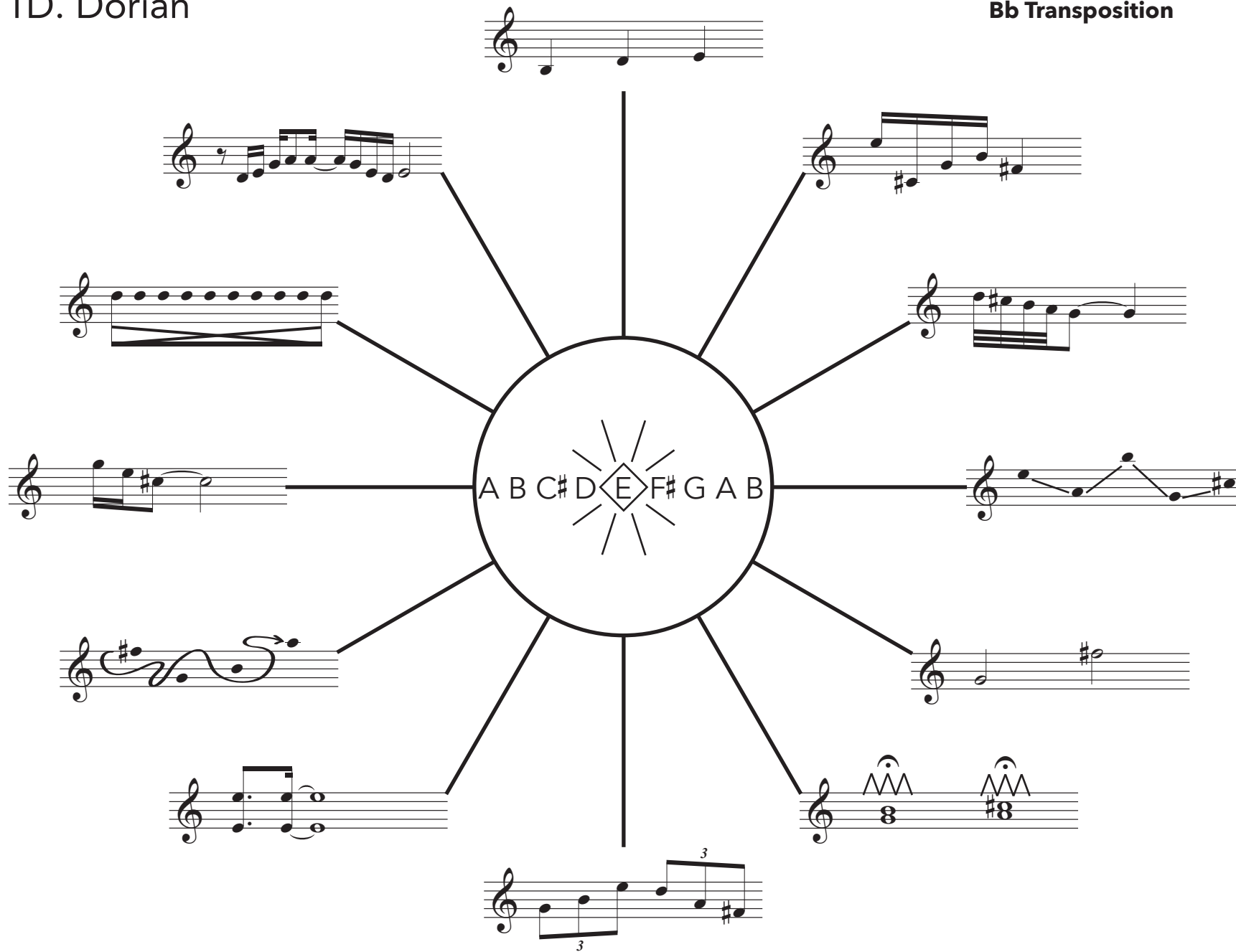
# 1C. Ionian

**Bb Transposition**



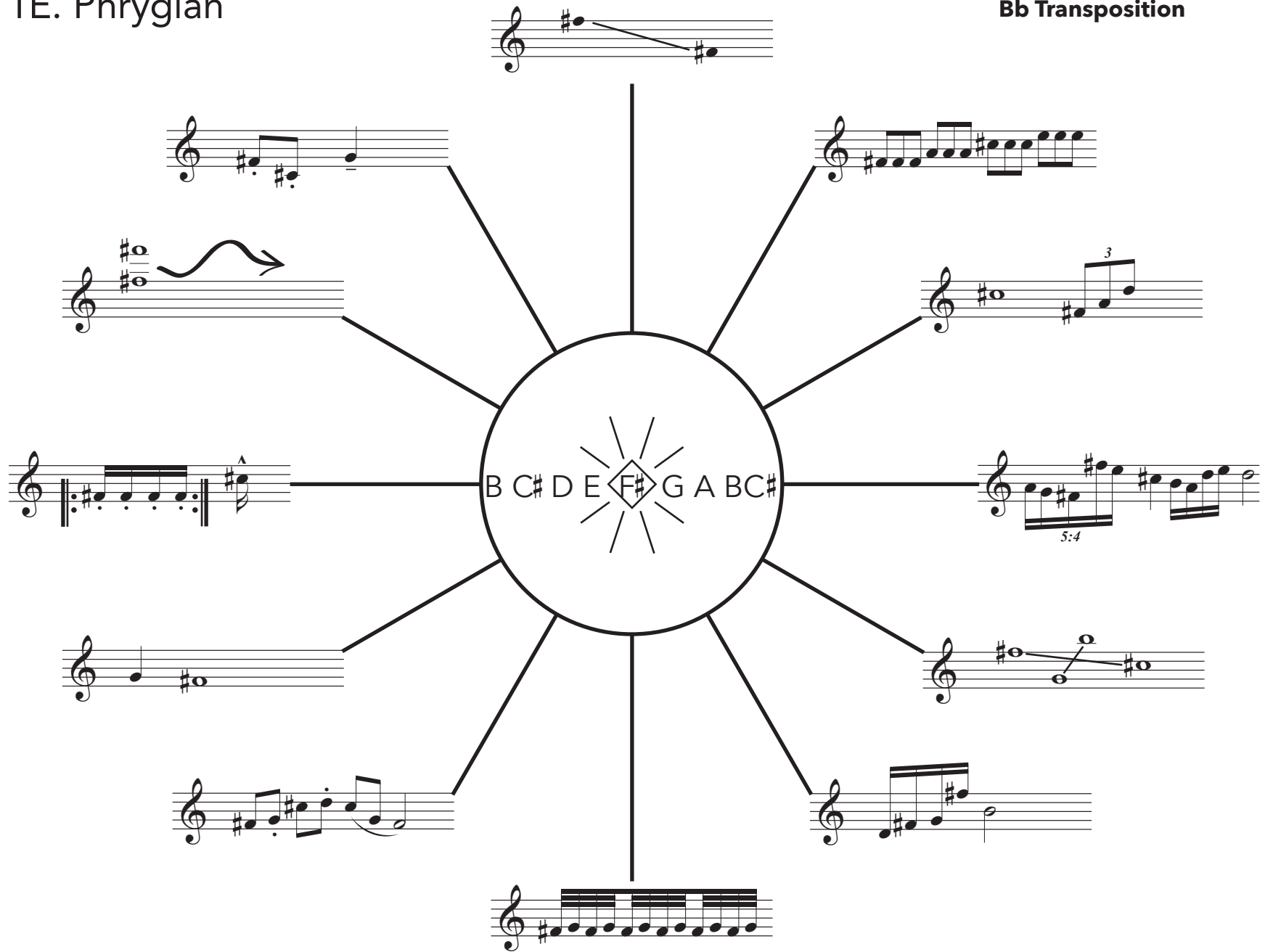
# 1D. Dorian

**Bb Transposition**



# 1E. Phrygian

**Bb Transposition**



# 1F. Lydian

Bb Transposition

The diagram illustrates the Lydian mode with a central circle containing the scale notes: C# D E F# G A B C# D. The note G is highlighted in a diamond. Ten lines radiate from the circle to ten musical staves, each showing a different melodic line or pattern for the mode. The bottom staff shows a rhythmic exercise with notes grouped by ratios 5:4, 5:4, and 3.

# 1G. Mixolydian

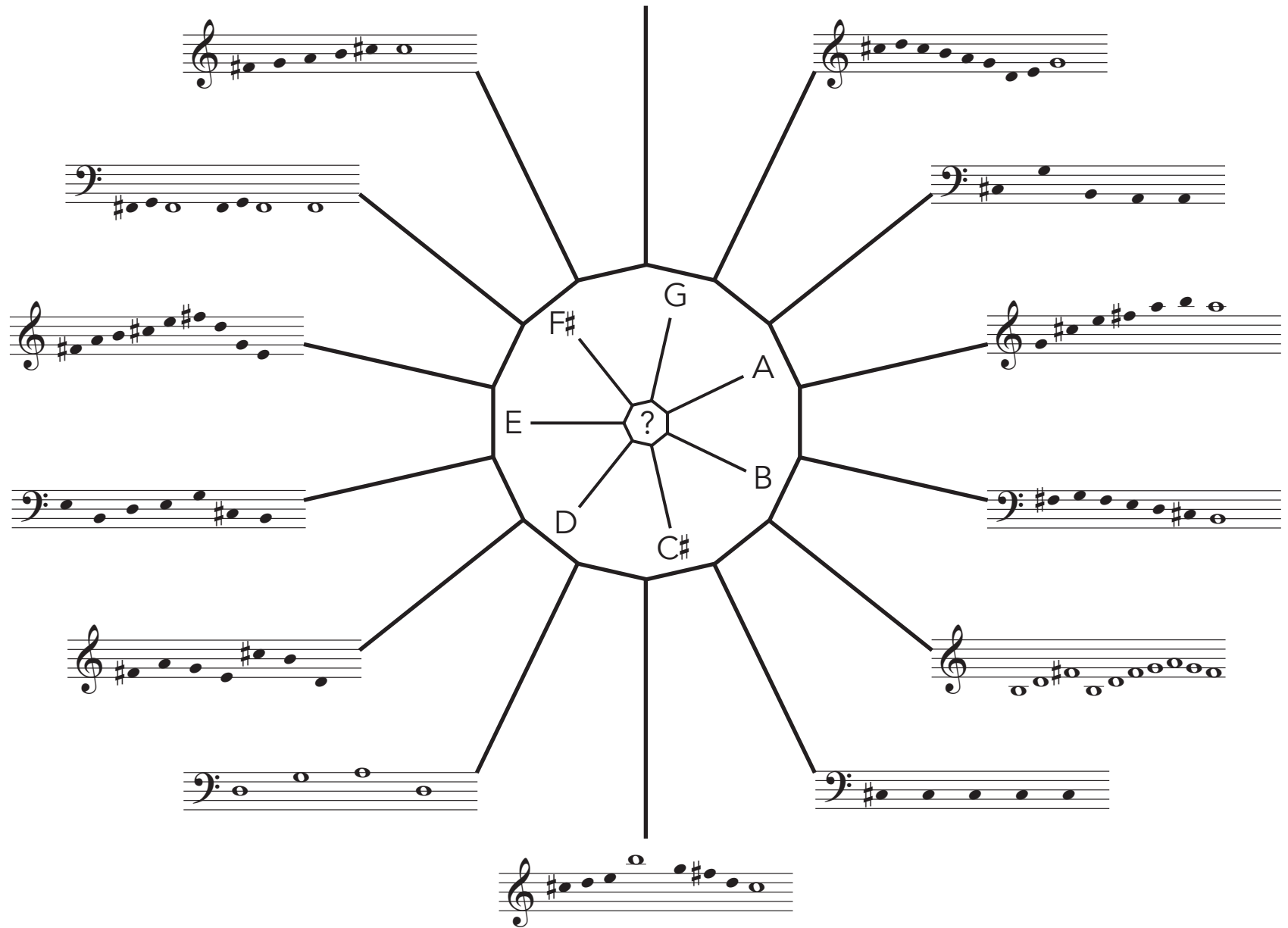
Bb Transposition

D E F# G A B C# D E

# 1H. What Modes?



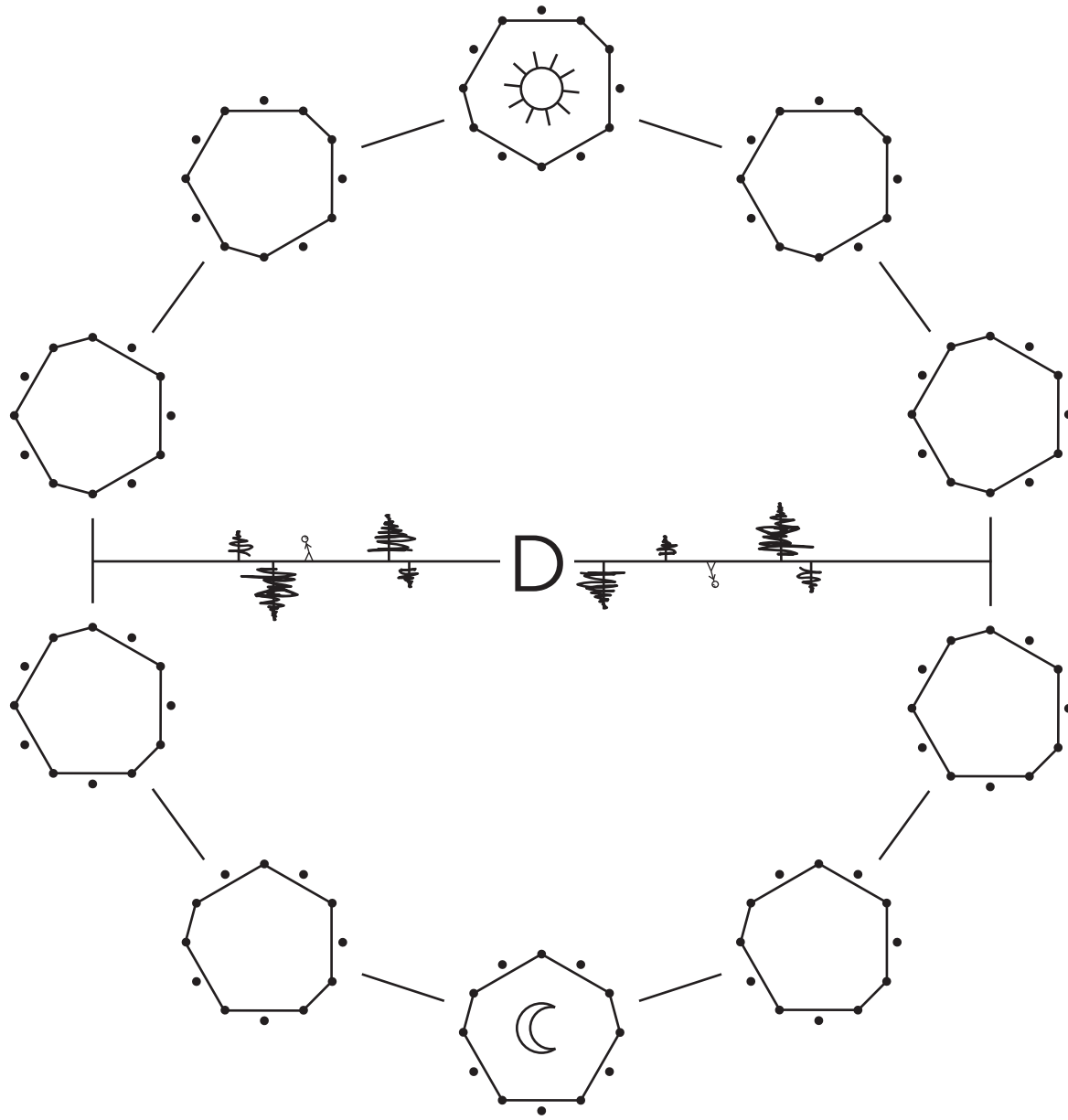
Bb Transposition





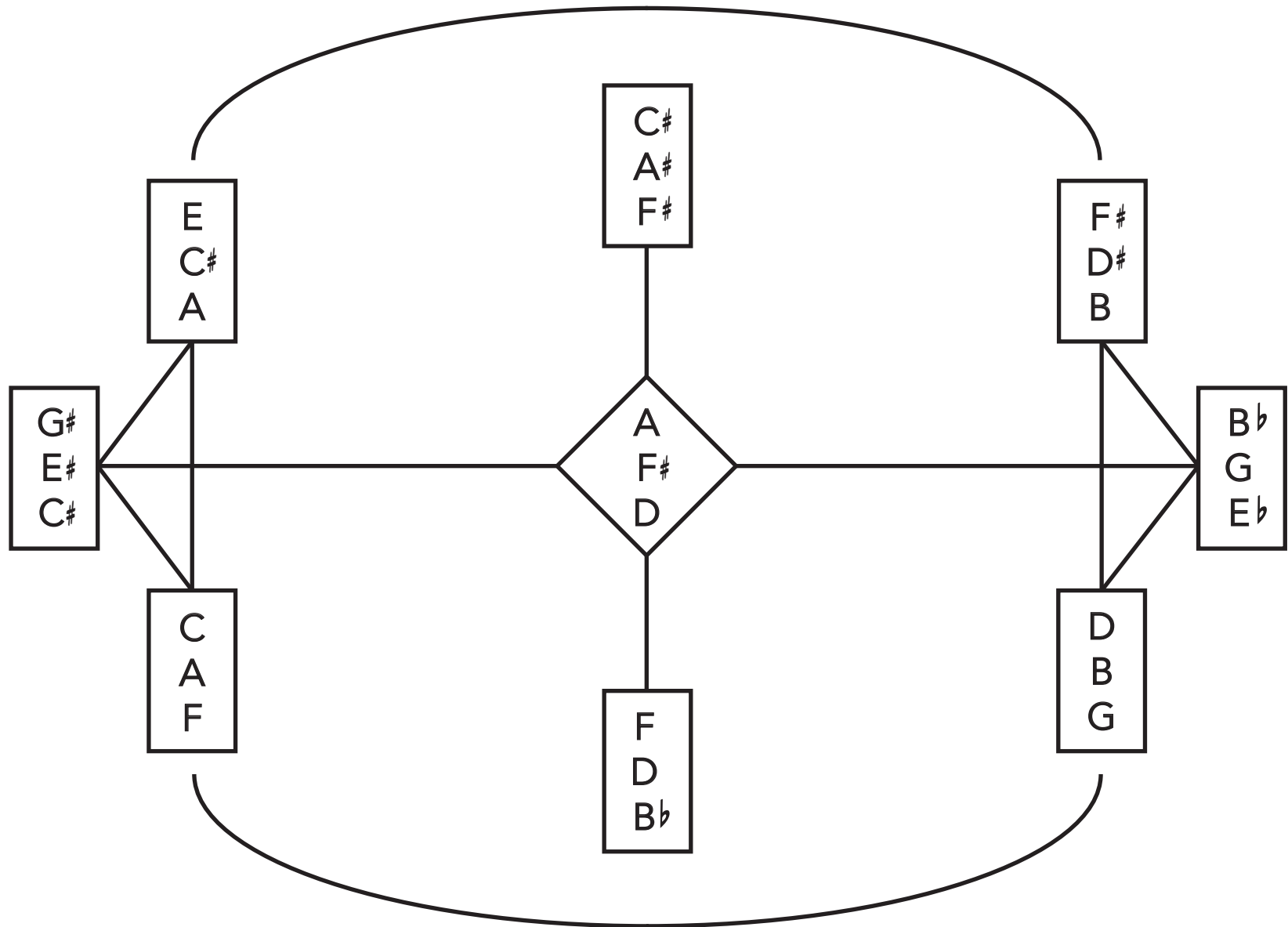
# 11. Sunrise, Sunset

**Bb Transposition**

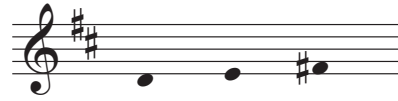


# 1J. Triad Cheeseburger

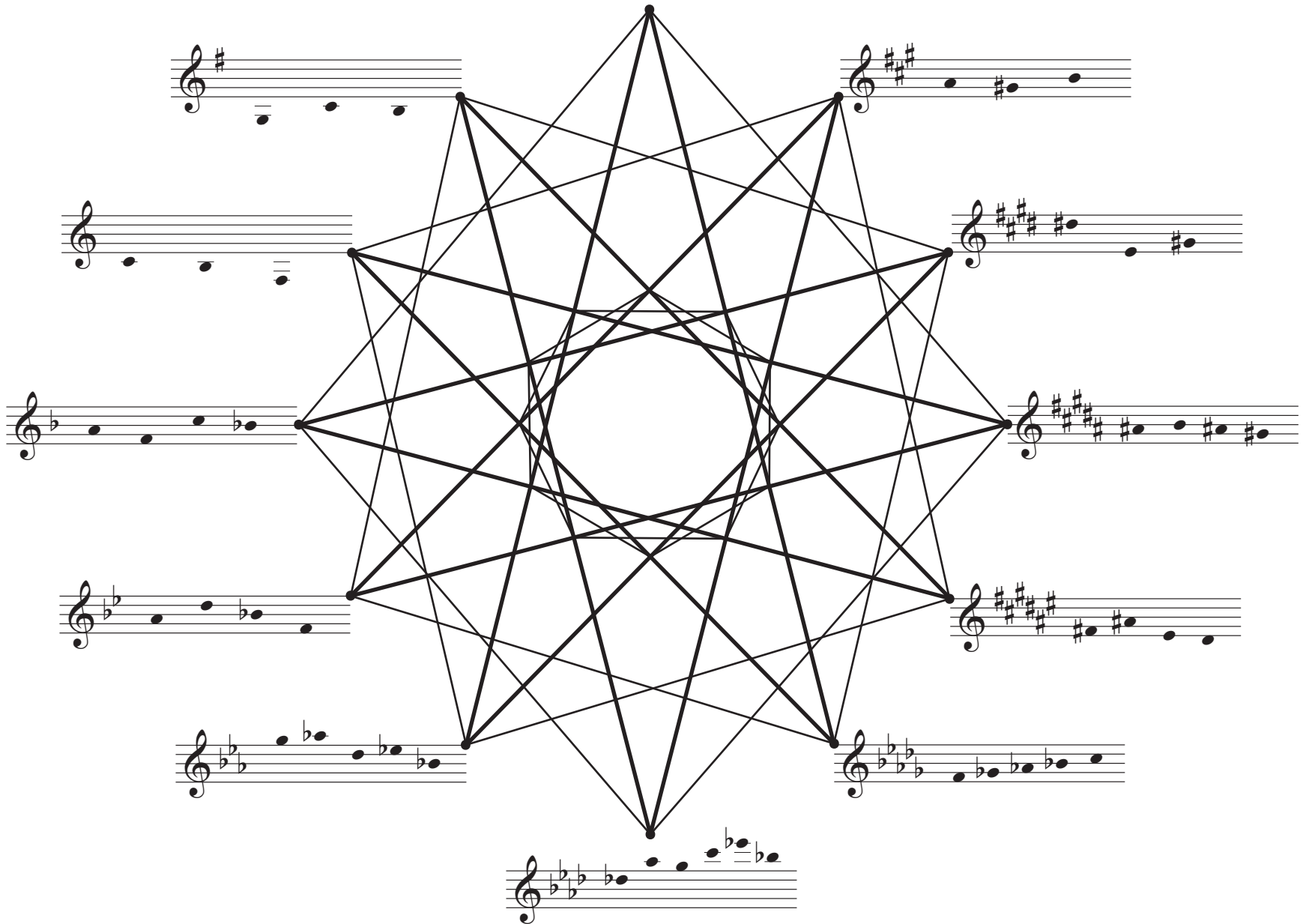
**Bb Transposition**



# 1K. Round & Round

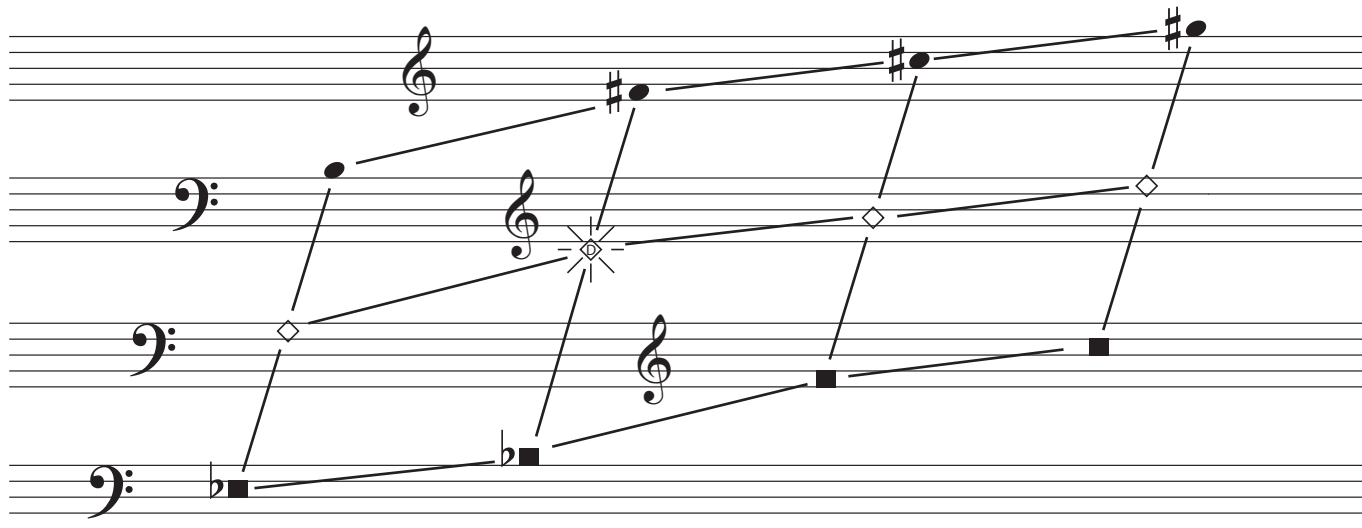


**Bb Transposition**



# 1L. Drone Zone

**Bb Transposition**

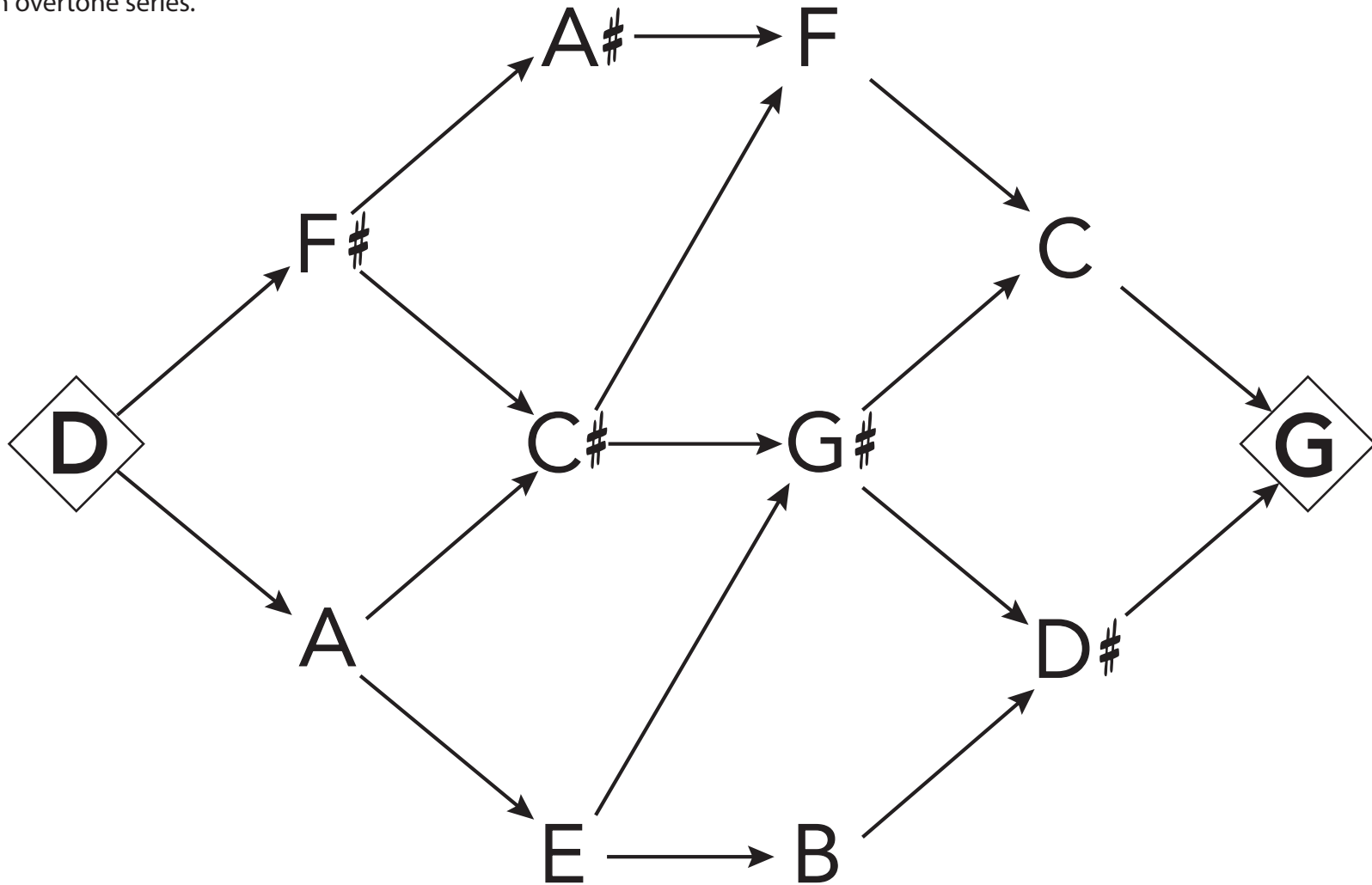


\*The Five-Limit Lattice of Twelfth Tones, from *The Harmonic Experience*, W. A. Mathieu.

# 1M. Overtone Journey

**Bb Transposition**

\*Each note represents the 1st partial of an overtone series.



# 1P. Red Planet

## Bb Transposition

The image displays a musical score for the piece 'Red Planet' in B-flat major. A central chord chart provides a grid of chords for the piece. The chart is a 10x10 grid of notes, with specific notes highlighted in yellow and red boxes to indicate chord voicings. The notes in the grid are as follows:

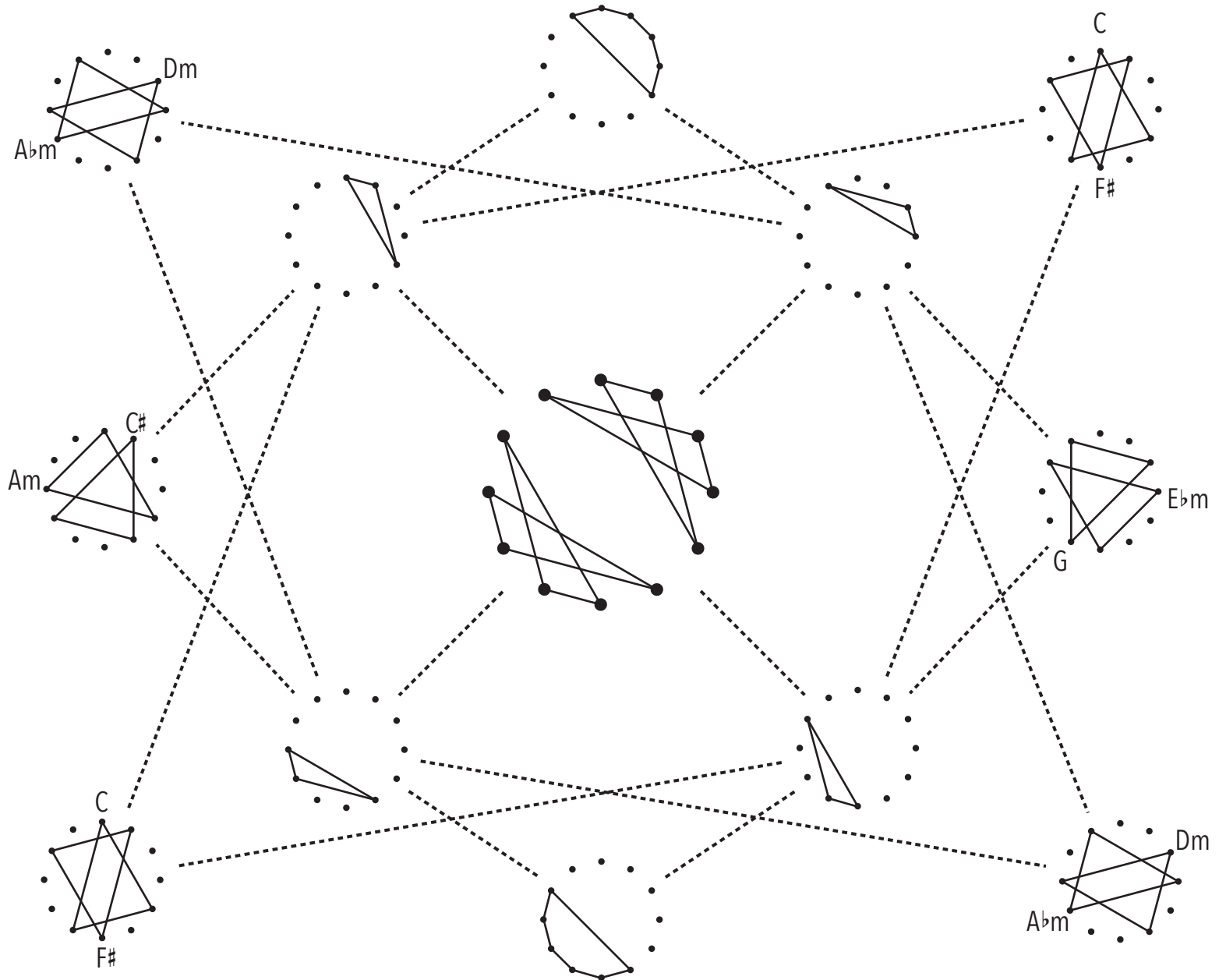
C#	E	F#	D#	G#	A#	B	A	D	C	G	F
A#	C#	D#	C	F	G	G#	F#	B	A	E	D
G#	B	C#	A#	D#	F	F#	E	A	G	D	C
B	D	E	C#	F#	G#	A	G	C	A#	F	D#
F#	A	B	G#	C#	D#	E	D	G	F	C	A#
E	G	A	F#	B	C#	D	C	F	D#	A#	G#
D#	F#	G#	F	A#	C	C#	B	E	D	A	G
F	G#	A#	G	C	D	D#	C#	F#	E	B	A
C	D#	F	D	G	A	A#	G#	C#	B	F#	E
D	F	G	E	A	B	C	A#	D#	C#	G#	F#
G	A#	C	A	D	E	F	D#	G#	F#	C#	B
A	C	D	B	E	F#	G	F	A#	G#	D#	C#

The musical score includes several key features:
 

- Triplets:** Indicated by a '3' over groups of notes in measures 1, 2, 3, 4, 5, 6, 7, 8, and 9.
- 5:4 Time Signature:** Used in measures 1, 2, 3, 4, 5, 6, 7, 8, and 9.
- Ritardando (rit.):** A marking at the end of the piece, indicated by a wedge-shaped line.

# 1Q. Just Twelve Tones

## Bb Transposition



# 1R. Diamond

Bb Transposition

The diagram features a diamond-shaped grid of chords. The top vertex is **A** with a ratio of  $\frac{3}{3}$ . The second row contains **F#** ( $\frac{5}{3}$ ) and **C** ( $\frac{6}{5}$ ). The third row contains **D** ( $\frac{4}{3}$ ), **A** ( $\frac{5}{5}$ ), and **E** ( $\frac{3}{2}$ ). The fourth row contains **F** ( $\frac{8}{5}$ ) and **C#** ( $\frac{5}{4}$ ). The bottom vertex is **A** with a ratio of  $\frac{1}{1}$ . Below the diamond is a musical staff with a treble clef, showing notes for each chord: A (open), F# (first fret), C (first fret), D (second fret), A (open), E (second fret), F (third fret), C# (third fret), and A (open). Below the staff are two sets of chord diagrams, each with a treble clef and a key signature of one sharp (F#). The first set shows chord voicings for F#, A, and C. The second set shows voicings for D, A, and E. At the bottom are two fingerings for the chords, represented by dots on a five-line staff with lines connecting the dots to show finger placement.