

Harmonic Functions by Chord Quality

Diatonic Chords, Mode Mixture, Secondary Functions, and Neapolitans

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In tonal music, CHORD QUALITY INDICATES FUNCTION!! To determine the harmonic function:

1. Determine the chord quality (these sheets cover triads and sevenths only, not +6 chords and ct dim7)
2. Determine whether the chord is diatonic or chromatic.

And remember: III+, V, and vii° are diatonic in minor, & secondary chords can be used with mode mixture

MAJOR TRIADS

DIATONIC as **I, IV, or V** in major keys, and **III, VI, V, or VII** in minor keys.



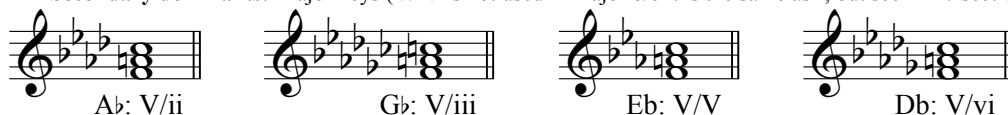
CHROMATIC as **mode mixture, secondary dominants** or **Neapolitan** chords

Mode mixture: Minor keys (V in minor is NOT mode mix.)

Mode mixture: Major keys



Secondary dominants: Major keys (V/IV is not used in major b/c it is the same as I; but see Mm7 section for V7/IV)



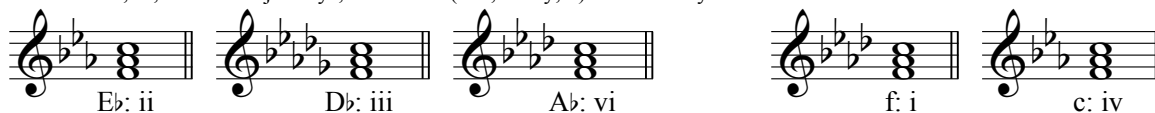
Secondary dominants: Minor keys

Neapolitans: built on b2



MINOR TRIADS

DIATONIC as **ii, iii, or vi** in major keys, and **i or iv** (and, rarely, v) in minor keys.



CHROMATIC as **mode mixture: i or iv** in major keys; **ii** (rare) and **iii** (rare) in minor keys.



AUGMENTED TRIADS

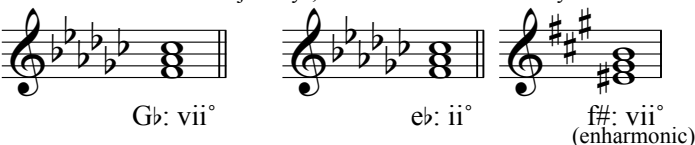
DIATONIC as **III+** in minor keys.

Augmented triads are infrequent in tonal music.



DIMINISHED TRIADS

DIATONIC as **vii°** in major keys, and **ii° or vii°** in minor keys.



CHROMATIC as **mode mixture** or **secondary LT chords**.

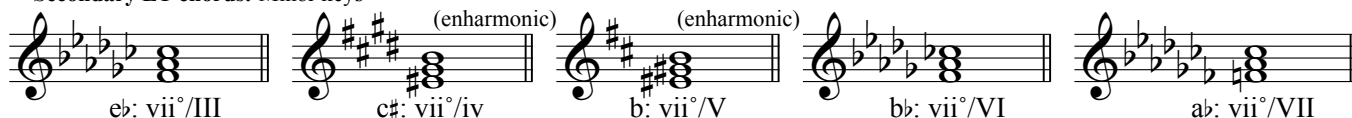
Mode mixture:



Secondary LT chords: Major keys



Secondary LT chords: Minor keys



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MAJOR-MINOR SEVENTH CHORDS

DIATONIC as **V7** in major and minor keys.



CHROMATIC as **secondary dominants** in major and minor keys.

Secondary dominants: Major keys (V7/IV is chromatic; V/IV is not)

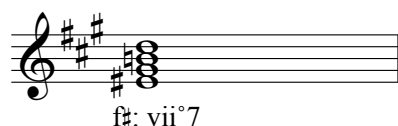


Secondary dominants: Minor keys



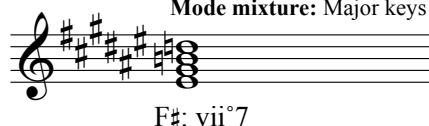
FULLY-DIMINISHED SEVENTH CHORDS

DIATONIC as **vii°7** ONLY in minor keys.

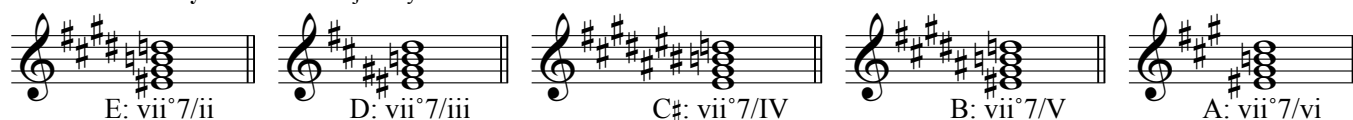


CHROMATIC as **mode mixture** or **secondary LT chords**.

Mode mixture: Major keys



Secondary LT chords: Major keys

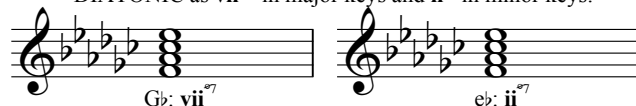


Secondary LT chords: Minor keys



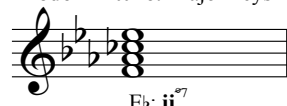
HALF-DIMINISHED SEVENTH CHORDS

DIATONIC as **vii°7** in major keys and **ii°7** in minor keys.

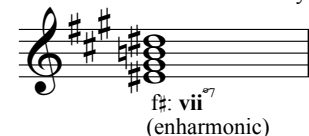


CHROMATIC as mode mixture or secondary LT chords.

Mode mixture: Major keys



Mode mixture: Minor keys



Secondary LT chords with half-dim seventh are as listed under fully-dim seventh chords, with the seventh raised a half step in each case.

MINOR SEVENTH CHORDS

DIATONIC as **ii7**, **iii7**, **vi7** in major keys, and **iv7** in minor keys.

CHROMATIC through mode mixture as **ii7** in major keys, and **ii7**, **iii7**, and **vi7** in minor keys.

MAJOR SEVENTH CHORDS

DIATONIC as **I M7** (rare) and **IV M7** in major keys, and **III M7** (rare) and **VI M7** (also rare) in minor keys.

CHROMATIC usage through **mode mixture** is theoretically possible but rare to non-existent in practice.