

# Altered and Enharmonic Modulation



F: I      IV      V      C: I      V      I

**ALTERED COMMON CHORD MODULATION** IS EASY: REMEMBER **DIATONIC COMMON CHORD MODULATION**, WHERE WE USED A CHORD THAT WAS **DIATONIC** IN BOTH THE **OLD** AND **NEW** KEYS?

**ALTERED COMMON CHORD MODULATION** IS THE SAME THING, ONLY USING THE PIVOT CHORD AS AN **ALTERED CHORD** IN EITHER THE **OLD KEY**, THE **NEW KEY**, OR **BOTH**.

F: I      IV      V      E: **bVI**      V      I

NOW, IN BOTH DIATONIC MODULATION AND ALTERED MODULATION, WE HAVE **ONE** CHORD THAT PLAYS **TWO DIFFERENT ROLES**, ONE FOR EACH KEY. BUT THE CHORD **TYPE** DOESN'T CHANGE... IF IT WAS A MAJOR CHORD IN THE **OLD KEY**, IT'S STILL A MAJOR CHORD IN THE **NEW KEY**.

...BUT WHAT IF THE CHORD TYPE **DID** CHANGE?

IN **ENHARMONIC MODULATION**, WE RESPELL A CHORD **ENHARMONICALLY** SO THE **CHORD TYPE ITSELF** IS DIFFERENT IN THE OLD AND NEW KEYS.

THIS TECHNIQUE IS SO - WELL, **ODD** - THAT THERE ARE ONLY **TWO SPECIFIC WAYS** TO DO IT.

EVER NOTICE THAT THE **GERMAN AUGMENTED SIXTH CHORD** IS JUST LIKE A **MAJOR-MINOR SEVENTH CHORD** WITH THE SEVENTH RESPELLED ENHARMONICALLY?

C: Ger.6      D $\flat$ : V $^7$

**BEETHOVEN DID!**

WE CAN TAKE ADVANTAGE OF THIS AND USE IT AS A PIVOT CHORD... WHERE IT ACTS LIKE A GERMAN AUGMENTED SIXTH IN ONE KEY BUT LIKE A **V $^7$**  (OR A **V $^7$ /X** SECONDARY DOMINANT) IN THE OTHER KEY!

D $\flat$ : IV $^6$       C: Ger.6      V $^7$       I

NOTE THAT THE PIVOT CHORD ABOVE IS **APPROACHED** LIKE A **DOMINANT SEVENTH**, BUT **RESOLVED** LIKE AN **AUGMENTED SIXTH CHORD**!

**FULLY DIMINISHED SEVENTH CHORDS** ARE COOL FOR A LOT OF REASONS, AND ONE OF THEM IS THAT THEY ARE **EQUIDISTANT CHORDS**: INVERTING A FULLY DIMINISHED SEVENTH YIELDS **ANOTHER ROOT-POSITION FULLY DIMINISHED SEVENTH CHORD**.

$a^{\circ 7}$       INVERT       $a^{\circ 5}$       RESPELL       $c^{\circ 7}$

MEANING THAT A **FULLY DIMINISHED LEADING NOTE SEVENTH CHORD** CAN BE A PIVOT CHORD INTO **THREE** OTHER POSSIBLE **KEYS**:

G: I      vii $^{\circ 7}$       E: vii $^{\circ 5}$       I

WHICH CAN BE RESPELLED AS

G: I      vii $^{\circ 7}$       D $\flat$ : vii $^{\circ 3}$       I

WHICH CAN BE RESPELLED AS

G: I      vii $^{\circ 7}$       B $\flat$ : vii $^{\circ 2}$       I

WHICH CAN BE RESPELLED AS