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## 1 Variations on chord changes

### 1.1 Major ii-V-I



### 1.2 Minor ii-V-I

Shortcut, think harmonic minor all the way through. (♭3 & ♭6)



For the half-dim chord, try the Locrian or Locrian nat 2 scales.



For the G7♭9, try the Phrygian Dominant or altered scales.

Usually on a Dom7♭9 there is a ♭13 (♭6).

We can think of this as the C harmonic minor (♭3 ♭6) starting on the 5th (G).

The G altered scale starts on G, then every other note is lowered a 1/2 step.

$G7(b9)$   
 Phrygian Dominant  
 Altered Scale - Diminished Whole Tone  
 Altered Scale (flats) - Dim Whole Tone  
 Altered Scale (sharps) - Dim Whole Tone

For the  $Cm7$ , use the Dorian or melodic minor scales

$C-7$   
 Minor (Dorian)  
 Minor (Melodic)

### 1.3 iii-VI-ii-V-I

Can be found in

- Green Dolphin Street
- There Will Never Be Another You

$iii^{-7}$   $VI^7$   $ii^{-7}$   $V^7$   $I$   $I$   
 $E-7$   $A^7$   $D-7$   $G^7$   $C$   $C$

### 1.4 Tritone sub

Replace the  $V^7$  with the  $V^7$  a tritone away.

We can also transpose the  $ii^{-7}$  by a tritone.

- A tritone is a dim 5th (3 whole steps).
- It is 1/2 way to the octave.

$ii^{-7}$   $bII^7$   $I$   $I$   
 $D-7$   $Db^7$   $C$   $C$   
 $bvi^{-7}$   $bII^7$   $I$   $I$   
 $Ab-7$   $Db^7$   $C$   $C$

Common notes in substituted chords

$D-7$   $Ab-7$   $D-7$   $Ab-7$   $G^7$   $Db^7$   $G^7$   $Db^7$

## 1.5 Backdoor Dominant

Can also think of this as a minor 3rd sub.

Replace the ii and V chords with chords a m3 higher



Notice the common notes in the arpeggios



## 2 Basic ii-V-I phrases

## 2.1 In E-flat



## 2.2 G maj



## 2.3 G maj (variation 2)



## 2.4 Short ii-V-I in Emaj



## 2.5 Short minor ii-V in Amin

Two staves of music in A minor. The first staff contains three measures: Bø7 (fingering: b5, b3, 1, b7), E7(b9) (fingering: 1, b2, 3, 5), and A-7 (fingering: 1, 7, 1, b3). The second staff contains three measures: Eø7 (fingering: b5, b3, 1, b7), A7(b9) (fingering: 1, b2, 3, 5), and D-7 (fingering: 1, 7, 1, b3). Each measure contains a four-note phrase.

## 3 Tritone sub phrases (Dom chord only)

## 3.1 Tritone in Cmaj

A single staff of music in C major. It contains four measures: D-7 (fingering: 1, 3, 5, 7), C#7 (fingering: 1, 3, 5, 7), Cmaj7 (fingering: 1, 3, 5, 7), and Cmaj7 (fingering: 1, 3, 5, 7). Each measure contains a four-note phrase.