

Functional Harmony

Workshop on Playing by Ear (Gregg Strawbridge)

I - IV - V Chord Changes

C // F // G7 // C // :|

D // G // A7 // D // :|

E // A // B7 // E // :|

F // Bb // C7 // F // :|

G // C // D7 // G // :|

A // D // E7 // A // :|

FUNCTIONAL HARMONY

Major (I IV V)

minor (ii iii vi)

diminished (vii) (a diminished chord is two minor thirds B D F)

I ii iii IV V vi vii

C Dm Em F G Am Bdim

D Em F#m G A Bm C#dim

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

F Gm Am Bb C Dm Edim

G Am Bm C D Em F#dim

A Bm C#m D E F#m G#dim

RELATIVE MAJOR TO MINOR

C to Am

D to Bm

E to C#m

F to Dm

G to Em

A to F#m

RELATIVE MAJOR TO MINOR IV FUNCTION

Key of C: F to Dm

Key of D: G to Em

Key of E: A to F#m

Key of F: Bb to Gm

Key of G: C to Am

Key of A: D to Bm

Predicting Chord Changes: Ear Training and I, IV, V Chords

Please Write the I, IV, V Chords of the Following Keys: C, G, D, F

I	IV	V

Write the Chords in the Staff above the Words:

Twinkle twinkle little star, how I wonder what you are?

Up above the world so high , like a diamond in the sky

Amazing grace! How sweet the sound, That saved a wretch

I once was lost but now am found, Was blind but now I see.

Some glad morning when this life is o'er, I'll fly away.

To a home on God's celestial shore, I'll fly away.

Go tell it on the mountain, over the hills and everywhere.

Go tell it on the mountain, that Jesus Christ is born.

Notes and Scales and Chords

MAJOR SCALES

(W = Whole Step)

(H - Half Step)

Major Scale Sequence W W H W W W H

Notes of Major Scale

C D E F G A B C

D E F# G A B C# D

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

F G A Bb C D E F

G A B C D E F# G

A B C# D E F# G# A

Bb C D Eb F G A Bb C

PENTATONIC SCALES

C D E G A C

D E F# A B D

E F# G# B C# E

F G A C D F

G A B D E G

A B C# E F# A

Bb C D F G C

I IV V chords

C F G

D G A

E A B

F Bb C

G C D

A D E

Bb Eb F

CHORD SPELLING (triads)

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

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

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

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

A C E

B D F

C E G

D F A

E G B

F A C

G B D

Major chord is:

Major Third + Minor Third

C to E is M3rd | E to G min3rd

C major: C E G

G major: G B D

F major: F A C

Minor chord:

Minor Third + Major Third

A to C is min3 | C to E Maj3

Am: A C E

Em: E G B

Dm: D F A