

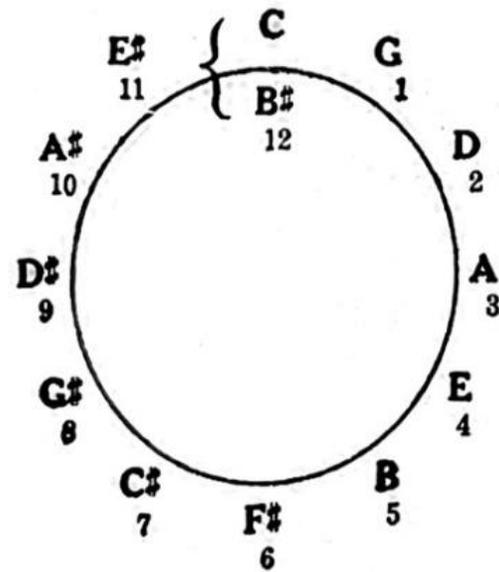
Music Fundamentals IV

INTRODUCTION TO MUSIC THEORY



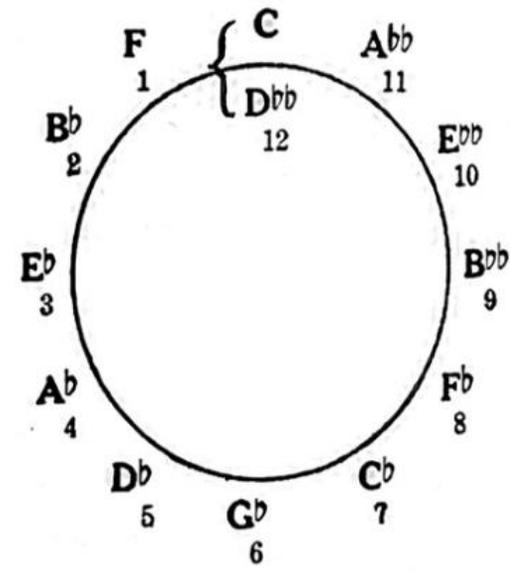
Circle of Fifths

Illustration 44
Read to right



The figure represents the number of sharps.

Illustration 45
Read to left



The figure represents the number of flats.

Keys

Musical notation for major keys with 1 to 7 sharps. The notation is presented in a grand staff with treble and bass clefs. Each key signature is shown with its corresponding sharp symbols on the staff. Below the notation, the key names and the number of sharps are listed.

Key Signature	Number of Sharps
G Major	1 sharp
D Major	2 sharp
A Major	3 sharp
E Major	4 sharp
B Major	5 sharp
F# Major	6 sharp
C# Major	7 sharp

Musical notation for major keys with 1 to 7 flats. The notation is presented in a grand staff with treble and bass clefs. Each key signature is shown with its corresponding flat symbols on the staff. Below the notation, the key names and the number of flats are listed.

Key Signature	Number of Flats
F Major	1 flat
Bb Major	2 flat
Eb Major	3 flat
Ab Major	4 flat
Db Major	5 flat
Gb Major	6 flat
Cb Major	7 flat

Transposition

The process of changing the scale to the various keys is called *transposition*.

This can be done to great effect, even in congregational music.

- For instance, raising the key on the last verse of “It is Well” or “Amazing Grace”

Transposition



The image displays two staves of musical notation. The top staff is in C major, with a treble clef and no sharps or flats. It contains three notes: C4 (middle C), D4, and E4. The bottom staff is in D major, with a treble clef and two sharps (F# and C#). It contains three notes: D4, E4, and F#4. This illustrates the process of transposing a melody up by one whole step.

Modulation

The image displays a musical score in 4/4 time, illustrating a modulation from G major to D major. The score is divided into two systems. The first system shows the initial key of G major, with a pivot chord (D major) highlighted in yellow. The second system shows the continuation of the piece, now in D major. Chord progressions are indicated by Roman numerals below the bass line.

System 1:

- Measures 1-4: G major (I), G major (I), D major (IV), G major (I)
- Measures 5-6: G major (I), D major (V) - Pivot Chord
- Measures 7-8: D major (V), D major (I)

System 2 (starting at measure 5):

- Measures 5-8: D major (I), D major (V), D major (V), D major (I)
- Measures 9-10: D major (IV), D major (I)
- Measures 11-12: D major (V), D major (I)

MUSIC +



This blustering confidence gives way to a melody that suggests other possibilities.

EXAM

Exposition

ET :



SHOW MARKUPS



SHOW THEME



HIDE KEY

A musical score with a green background. The score consists of ten staves. The top two staves contain handwritten annotations in black ink, including a large bracket and several small notes. A vertical orange line is drawn on the right side of the score, extending from the top to the bottom. The score is displayed on a white background with a black border.



PAUSE

100%



Major and Minor Scales

Major & Minor Scale

C Major

Whole step Whole step Half step Whole step Whole step Whole step Half step

A Minor

Whole step Half step Whole step Whole step Half step Whole step Whole step

Illustration 69

Harmonic Names of the Major Scale. Harmonic Names of the Minor Scale.

C Major

A Minor

Tonic
Super-Tonic
Mediant
Sub-Dominant
Dominant
Sub-Mediant
Sub-Tonic
Tonic

Tonic
Super-Tonic
Mediant
Sub-Dominant
Dominant
Sub-Mediant
Sub-Tonic
Tonic

Chords

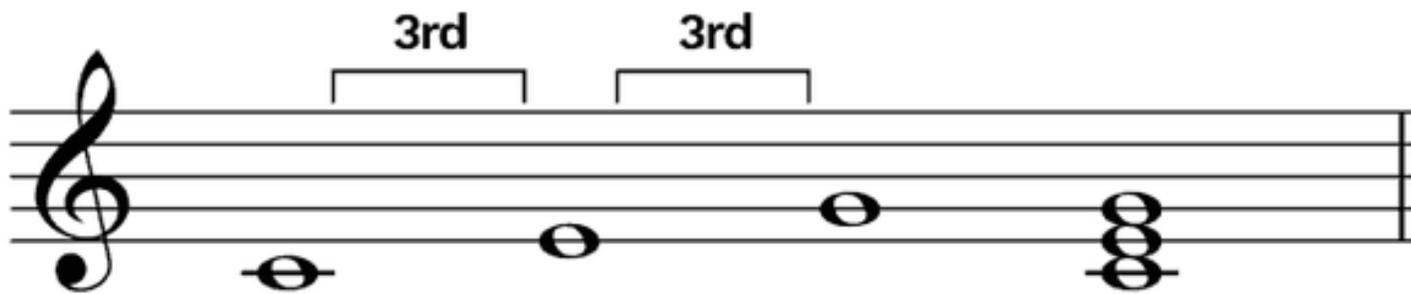
Illustration 70

Triads of the Major Scale

Triads of the Minor Scale

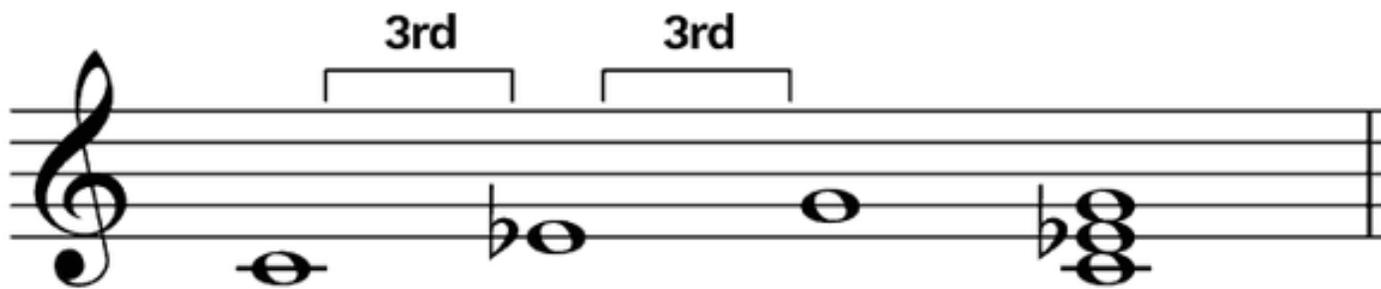
Triads of the Major Scale

Triads of the Minor Scale



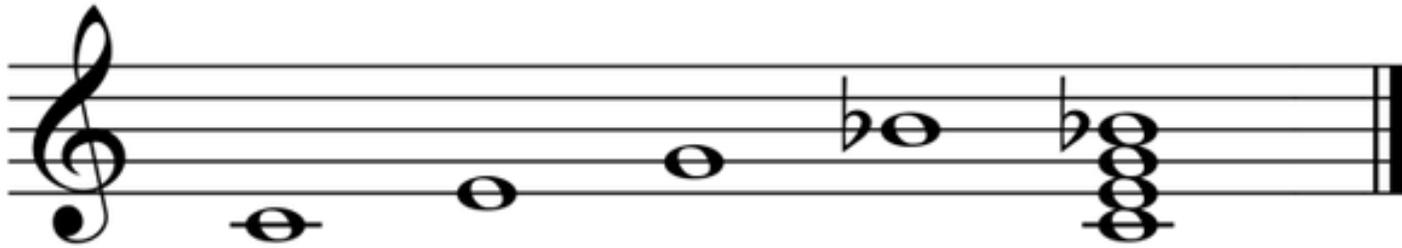
C major triad

Major Chords



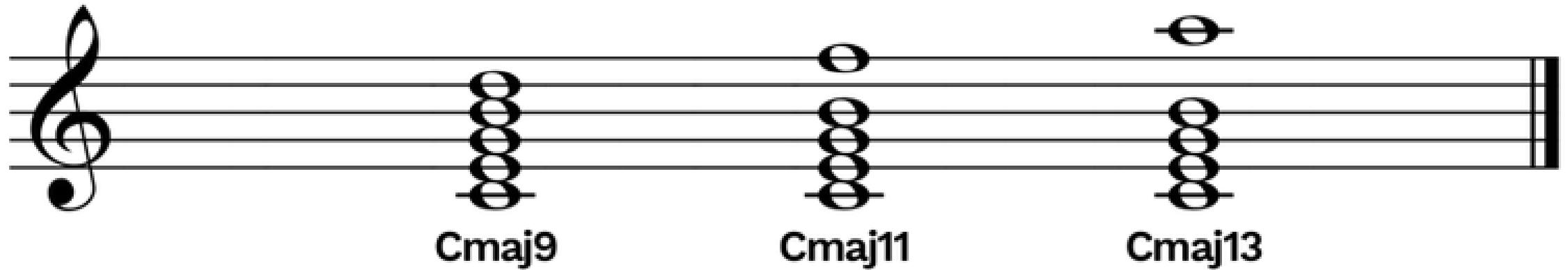
C minor triad

Minor Chords



C Dominant 7 chord

Seventh Chords



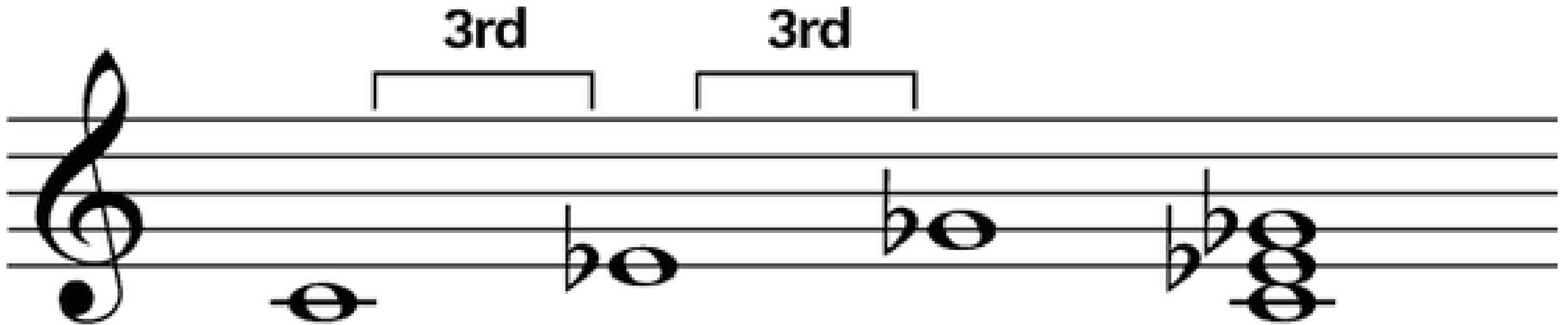
Extended chords

Extended Chords

A musical staff in treble clef showing three chords. The first chord is a G major triad (G4, B4, D5) with the label 'G' below it. The second chord is a G suspended second chord (G4, Bb4, D5) with the label 'G(sus2)' below it. The third chord is a G suspended fourth chord (G4, C5, D5) with the label 'G(sus4)' below it.

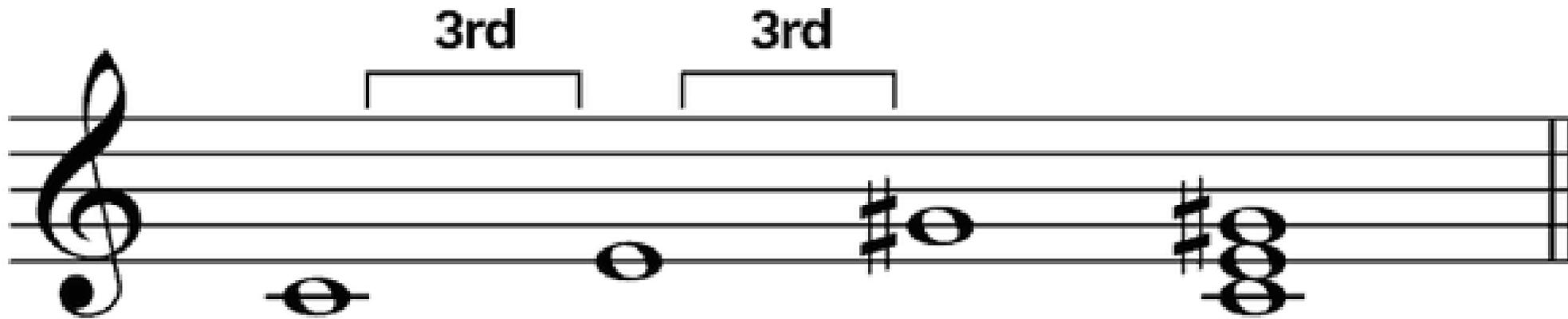
G suspended chords

Suspended Chords



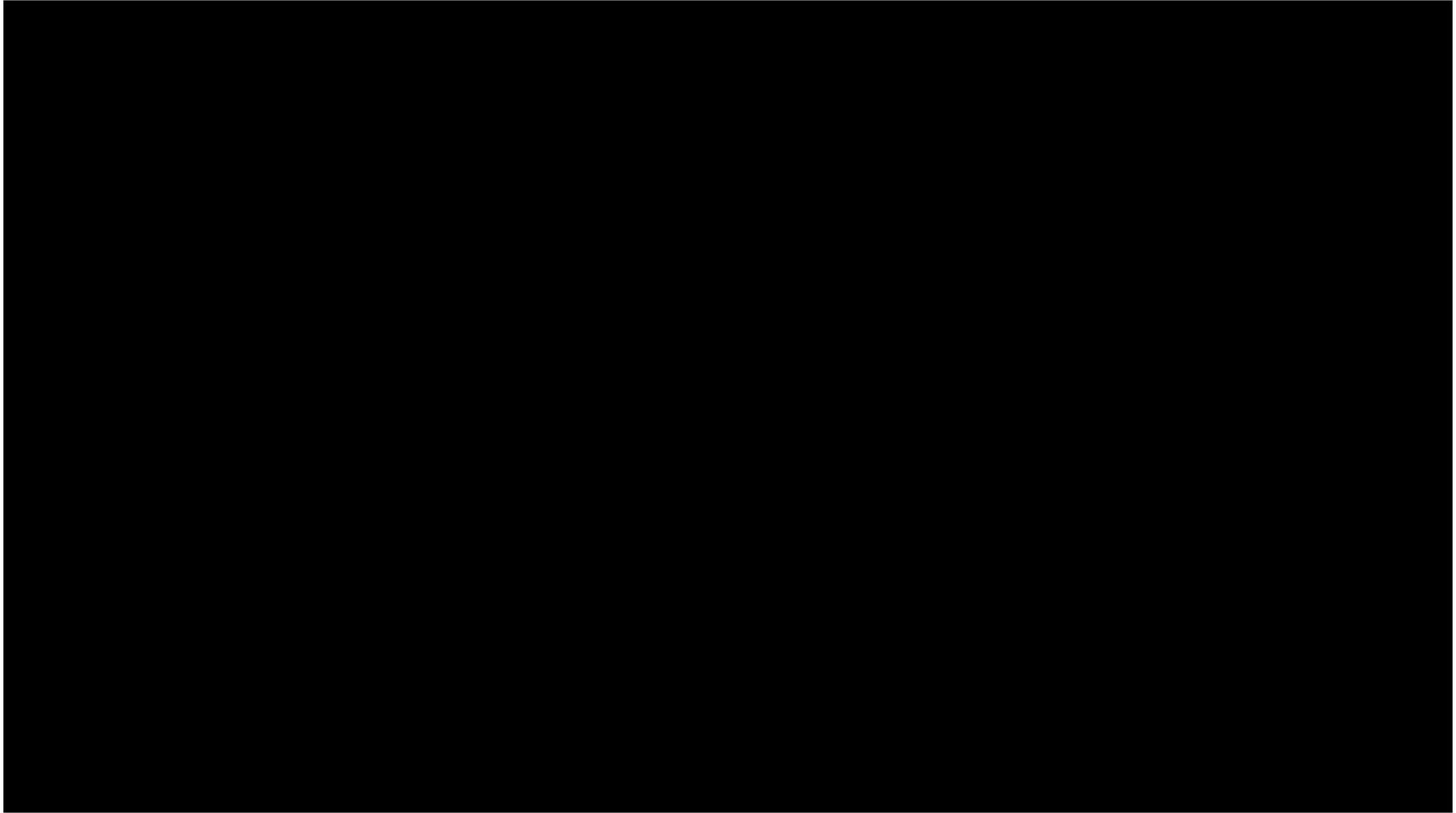
C diminished chord

Diminished Chords



C augmented chord

Augmented Chords



Congratulations!

