

# Scale Studies

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With a view to enable the student to attain the highest grade of equality in the execution of the scales, the author has sought to reduce the scales presented herein into rhythmic forms. The same must be practiced by the student at first in slow but strictly uniform tempo and in the scales, where two different styles of fingering are indicated, both such styles must be practiced.

Um in der Ausführung der Tonleiter die grösste Gleichmässigkeit zu erzielen, hat sich der Herausgeber bemüht, die hier vorliegenden Tonleitern in rhythmische Form zu bringen; dieselben sind vom Schüler zuerst in mässigem aber strengem Zeitmass zu üben, und sind bei Tonleitern, wo zweierlei Fingersätze notirt, beide zu beachten.

## A. Scales through 2 Octaves.

## A. Tonleitern durch 2 Octaven.

The musical score consists of ten staves, each representing a different scale. Each staff begins with a treble clef, a common time signature (C), and a key signature. The scales are:
 

- G major - G dur
- G minor - G moll
- A flat major - As dur
- A flat minor - As moll
- A major - A dur
- A minor - A moll
- B flat major - B dur
- B flat minor - B moll
- B major - H dur

 Each scale is written in a rhythmic form with eighth notes. Fingering numbers (0-4) are placed below the notes. Some scales include repeat signs with first and second endings. A 'V' symbol is placed above the first measure of the G major scale.

\*) When the repeat of the minor scale has been played make use of the small notes.

\*) Nach geschehener Wiederholung der Molltonleiter bediene man sich der kleinen Noten.

B minor-H moll

1

2

C major-C dur

C minor-C moll

1

2

D flat major-Des dur

C sharp minor-Cis moll

1

2

D major-D dur

D minor-D moll

1

2

E flat major-Es dur

E flat minor-Es moll

1

2

E major-E dur

E minor-E moll

1

2

F major-F dur

F minor-F moll

F sharp major-Fis dur

F sharp minor-Fis moll

B. Scales in Thirds.

B. Tonleitern in Terzen.

G major-G dur  
In very moderate tempo  
*In sehr mässigem Zeitmass*

G minor-G moll

A flat major-As dur

A flat minor-As moll

A major-A dur

0 1 2

A minor-A moll

0 1 2

B flat major-B dur

2 1 0

B flat minor-B moll

2 1 0

B major-II dur

1 2 1 2 1 2

B minor-II moll

1 2 1 2 1 2

C major-C dur

C minor-C moll

D flat major-Des dur

C sharp minor-Cis moll

D major-D dur

D minor-D moll

E flat major-*Es dur*

Musical notation for E flat major (Es dur). The first system shows a treble clef with a key signature of two flats and a common time signature. It contains a melodic line with a slur over the first two measures and a fermata over the second measure. The second system contains a bass line with triplets and slurs.

E flat minor-*Es moll*

Musical notation for E flat minor (Es moll). The first system shows a treble clef with a key signature of three flats and a common time signature. It contains a melodic line with a slur over the first two measures and a fermata over the second measure. The second system contains a bass line with triplets and slurs.

E major-*E dur*

Musical notation for E major (E dur). The first system shows a treble clef with a key signature of three sharps and a common time signature. It contains a melodic line with a slur over the first two measures and a fermata over the second measure. The second system contains a bass line with triplets and slurs.

E minor-*E moll*

Musical notation for E minor (E moll). The first system shows a treble clef with a key signature of one sharp and a common time signature. It contains a melodic line with a slur over the first two measures and a fermata over the second measure. The second system contains a bass line with triplets and slurs.

F major-*F dur*

Musical notation for F major (F dur). The first system shows a treble clef with a key signature of one flat and a common time signature. It contains a melodic line with a slur over the first two measures and a fermata over the second measure. The second system contains a bass line with triplets and slurs.

**F minor - *F moll***

**F sharp major - *Fis dur***

**F sharp minor - *Fis moll***

**C. Scales through 3 Octaves.**

**C. Tonleitern durch 3 Octaven.**

(Practice these first with the fingering shown above)

(Zuerst mit dem oberen Fingersatz zu üben)

**G major - *G dur***

**G minor - *G moll***

**A flat major - *As dur***

**A flat minor - *As moll***

A major - *A dur*

A minor - *A moll*

B flat major - *B dur*

B flat minor - *B moll*

B major - *H dur*

B minor - *H moll*

C major - *C dur*  
2nd position 2te Lage

C minor - *C moll*

D flat major - *Des dur*  
3rd position 3te Lage

C sharp minor - *Cis moll*  
2nd position 2te Lage

\* Where the fingering is marked below the notation the scales must invariably be commenced in the 1st Position.

Mit dem unteren Fingersatz fangen die Tonleitern stets in der ersten Lage an.



D major-D dur  
3<sup>rd</sup> position 3<sup>te</sup> Lage

D minor-D moll

E flat major-Es dur  
4<sup>th</sup> position 4<sup>te</sup> Lage

E flat minor-Es moll

E major-E dur

E minor-E moll

F major-F dur  
5<sup>th</sup> position 5<sup>te</sup> Lage

F minor-F moll

F sharp major-Fis dur  
5<sup>th</sup> position 5<sup>te</sup> Lage

F sharp minor-Fis moll

# D. Chromatic Scales.

# D. Chromatische Tonleitern.

a. In the various positions. *In den Lagen.*

In moderate tempo. *In mässigem Zeitmass.*

The image displays ten staves of musical notation for chromatic scales. Each staff represents a different key signature, starting from C major and moving through various modes and keys. The notation includes notes, rests, and fingerings (numbers 1-4) written below the notes. The scales are written in a single melodic line on a treble clef staff. The key signatures include: C major, G major, D major, A major, E major, B major, F# major, C# major, G# major, D# major, A# major, E# major, Bb major, F major, C minor, G minor, D minor, A minor, E minor, B minor, F# minor, C# minor, G# minor, D# minor, A# minor, E# minor, Bb minor, F minor, C major, G major, D major, A major, E major, B major, F# major, C# major, G# major, D# major, A# major, E# major, Bb major, F major, C minor, G minor, D minor, A minor, E minor, B minor, F# minor, C# minor, G# minor, D# minor, A# minor, E# minor, Bb minor, F minor, C major, G major, D major, A major, E major, B major, F# major, C# major, G# major, D# major, A# major, E# major, Bb major, F major, C minor, G minor, D minor, A minor, E minor, B minor, F# minor, C# minor, G# minor, D# minor, A# minor, E# minor, Bb minor, F minor.

Handwritten musical notation for guitar, consisting of six staves. Each staff contains a sequence of notes with fingerings (1-4) and slurs. The notation is dense and technical, typical of a guitar exercise.

To be practiced in animated tempo in the following style:  
*In bewegtem Zeitmass auf folgende Art zu üben:*

A single musical staff showing a rhythmic exercise in 3/4 time. It features a sequence of eighth and sixteenth notes with slurs, demonstrating the intended performance style.

**b. On a single string. *Auf einer Saite.***

G string *G Saite*

D string *D Saite*

A string *A Saite*

E string *E Saite*

Four musical staves, each labeled for a specific string: G string, D string, A string, and E string. Each staff contains a sequence of notes with fingerings, demonstrating the exercise on a single string.

c. Through 3 Octaves. *Durch 3 Octaven.*

E. Scales in Thirds through 3 Octaves. | E. Tonleitern in Terzen durch 3 Octaven.

G major-G dur

G minor-G moll

A flat major-As dur

A flat minor-As moll

A major - *A dur*

A minor - *A moll*

B flat major - *B dur*

B flat minor - *B moll*

B major - *B dur*

B minor-*H moll*

The first two staves of the B minor scale. The first staff shows the ascending scale with fingerings 1, 2, 3, 4, 5, 4, 3, 2, 1. The second staff shows the descending scale with fingerings 2, 3, 4, 5, 4, 3, 2, 1. Both staves feature slurs over the notes and a fermata at the end.

C major-*C dur*

The first two staves of the C major scale. The first staff shows the ascending scale with fingerings 1, 2, 3, 4, 5, 4, 3, 2, 1. The second staff shows the descending scale with fingerings 2, 3, 4, 5, 4, 3, 2, 1. Both staves feature slurs over the notes and a fermata at the end.

C minor-*C moll*

The first two staves of the C minor scale. The first staff shows the ascending scale with fingerings 1, 2, 3, 4, 5, 4, 3, 2, 1. The second staff shows the descending scale with fingerings 2, 3, 4, 5, 4, 3, 2, 1. Both staves feature slurs over the notes and a fermata at the end.

D flat major-*Des dur*

The first two staves of the D flat major scale. The first staff shows the ascending scale with fingerings 1, 2, 3, 4, 5, 4, 3, 2, 1. The second staff shows the descending scale with fingerings 2, 3, 4, 5, 4, 3, 2, 1. Both staves feature slurs over the notes and a fermata at the end.

C sharp minor-*Cis moll*

The first two staves of the C sharp minor scale. The first staff shows the ascending scale with fingerings 1, 2, 3, 4, 5, 4, 3, 2, 1. The second staff shows the descending scale with fingerings 2, 3, 4, 5, 4, 3, 2, 1. Both staves feature slurs over the notes and a fermata at the end.

D major-*D dur*

D minor-*D moll*

E flat major-*Es dur*

E flat minor-*Es moll*

E major-*E dur*



E minor - *E moll.*

F major - *F dur.*

F minor - *F moll.*

F sharp major - *Fis dur.*

F sharp minor - *Fis moll.*

**F Studies in Chords through 3 Octaves. | F. Accordstudien durch 3 Octaven.**

(Practice first with the fingering shown over the notation)

(Zuerst mit dem oberen Fingersatz zu üben.)

The image displays ten staves of musical notation, each representing a different chord and its minor counterpart. The staves are arranged vertically and labeled as follows:

- G dur / G major**: Treble clef, 3/4 time signature. The melody starts on G4 and ascends through the scale. Fingering: 1, 2, 3, 4, 3, 2, 1, 0, 1, 2, 3, 4, 3, 2, 1, 0.
- G moll / G minor**: Treble clef, 3/4 time signature. The melody starts on G4 and ascends through the minor scale. Fingering: 1, 2, 3, 4, 3, 2, 1, 0, 1, 2, 3, 4, 3, 2, 1, 0.
- As dur / A flat major**: Treble clef, 3/4 time signature. The melody starts on G4 and ascends through the scale. Fingering: 1, 2, 3, 4, 3, 2, 1, 0, 1, 2, 3, 4, 3, 2, 1, 0.
- As moll / A flat minor**: Treble clef, 3/4 time signature. The melody starts on G4 and ascends through the minor scale. Fingering: 1, 2, 3, 4, 3, 2, 1, 0, 1, 2, 3, 4, 3, 2, 1, 0.
- A dur / A major**: Treble clef, 3/4 time signature. The melody starts on A4 and ascends through the scale. Fingering: 0, 1, 2, 3, 4, 3, 2, 1, 0, 1, 2, 3, 4, 3, 2, 1, 0.
- A moll / A minor**: Treble clef, 3/4 time signature. The melody starts on A4 and ascends through the minor scale. Fingering: 0, 1, 2, 3, 4, 3, 2, 1, 0, 1, 2, 3, 4, 3, 2, 1, 0.
- B dur / B flat major**: Treble clef, 3/4 time signature. The melody starts on B4 and ascends through the scale. Fingering: 1, 2, 3, 4, 3, 2, 1, 0, 1, 2, 3, 4, 3, 2, 1, 0.
- B moll / B flat minor**: Treble clef, 3/4 time signature. The melody starts on B4 and ascends through the minor scale. Fingering: 1, 2, 3, 4, 3, 2, 1, 0, 1, 2, 3, 4, 3, 2, 1, 0.
- H dur / B major**: Treble clef, 3/4 time signature. The melody starts on B4 and ascends through the scale. Fingering: 1, 2, 3, 4, 3, 2, 1, 0, 1, 2, 3, 4, 3, 2, 1, 0.
- H moll / B minor**: Treble clef, 3/4 time signature. The melody starts on B4 and ascends through the minor scale. Fingering: 1, 2, 3, 4, 3, 2, 1, 0, 1, 2, 3, 4, 3, 2, 1, 0.

**C dur**  
C major  
2<sup>nd</sup> position *2<sup>te</sup> Lage*

**C moll**  
C minor

**Des dur**  
D flat major  
3<sup>rd</sup> position *3<sup>te</sup> Lage*

**Cis moll**  
C sharp minor  
2<sup>nd</sup> position *2<sup>te</sup> Lage*

**D dur**  
D major  
3<sup>rd</sup> position *3<sup>te</sup> Lage*

**D moll**  
D minor

**Es dur**  
E flat major  
4<sup>th</sup> position *4<sup>te</sup> Lage*

**Es moll**  
E flat minor

**E dur**  
E major

**E moll**  
E minor

**F major F dur**  
5th position 5te Lage

**F minor F moll**  
5th position 5te Lage

**Fis dur**  
F sharp major

**Fis moll**  
F sharp minor

**G major G dur**  
6th position 6te Lage

3rd position 3te Lage

*D Saite D string*

*restes*

**G. Chords of the diminished seventh. | G. Verminderte Septimen-Accorde.**

**a Moderato.**

The image displays two systems of musical notation for guitar. The first system consists of four staves, and the second system, labeled 'b.', consists of eight staves. The notation is highly detailed, featuring complex chordal textures with many notes per staff, often beamed together. Fingerings (1-4) are indicated throughout. Slurs and dynamic markings like 'II' are present. The word 'restes.' appears at the end of the final staff.

C. G string - G Saite

D string - D Saite

A string - A Saite

E string - E Saite

H. Scales through 4 Octaves.

H. Tonleitern durch 4 Octaven.

G major - G *dur*

G minor - G *moll*

A flat major - A $\flat$  *dur*

A flat minor - A $\flat$  *moll*

A major - *A dur*

A minor - *A moll*

J. Chord-Studies through 4 Octaves. | J. Accordstudien durch 4 Octaven.

*G dur*  
G major

*G moll*  
G minor

*As dur*  
A flat major

*As moll*  
A flat minor

*A dur*  
A major

*A moll*  
A minor

*B dur*  
B flat major

*B moll*  
B flat minor

*H dur*  
B major

*H moll*  
B minor

<sup>2</sup> D string *D Saite*

D string *D Saite*

D string *D Saite*

D string *D Saite*