

*Scales for Double Bass,
Traditional and Unusual*

Collected by Michael Montgomery

*(For 3 Octave Scales see Eugene Levinson's
The School of Agility)*

Two Octave Major and Minor Scales

Modes Exercise

Melodic Minor Exercise

Harmonic Minor Exercise

Harmonic Major Exercise

Augmented Exercise

Gypsy or Byzantine Exercise

Neapolitan Exercise

Diminished, Augmented, Blues, Pentatonic

Some Other Scales

Major Scales - Two Octave

C Major

2 1 2 1 4 1 4 2 4 1 4 1 2 3

G Major

2 1 2 1 4 1 4 1 4 1 4 1 2 3

D Major

1 4 2 4 1 4 1 4 1 3 2 3

A Major

1 4 1 2 1 4 1 4 1 4 1 2 3

E Major

1 4 1 1 4 1 2 1 4 2 4

B Major

1 4 1 4 1 2 4 1 4 1 4 2 3

Major Scales - Two Octave

25 **F# Major**

1 4 1 1 4 1 2 4 1 2 4 1 4 2 4

29 **F Major**

1 4 1 4 1 4 2 4 1 2 4 1 4 2 4

33 **Bb Major**

1 4 1 4 1 4 2 4 1 4 1 4 1 2

37 **Eb Major**

1 4 1 4 1 4 1 4 1 4 1 3 1 2 3

41 **Ab Major**

4 1 2 4 1 4 1 4 1 4 2 4 1 4 2 3

45 **Db Major**

4 1 2 4 1 4 2 4 1 4 1 3 1 2 3

49 **Gb Major**

1 4 1 1 4 1 2 4 1 2 4 1 4 2 4

Two Octave Melodic Minor Scales

A melodic minor

Two octaves of the A melodic minor scale in bass clef, 4/4 time. The scale is written in a single line with a double bar line at the end. The notes are: A2, B2, C3, D3, E3, F#3, G#3, A3, B3, C4, D4, E4, F#4, G#4, A4. Fingering numbers are placed above the notes: 1, 2, 1, 4, 1, 1, 4, 1, 4, 1, 4, 1, 4, 2, 3. The first two notes (A2 and B2) are marked with a circle (o) above them.

E melodic minor

Two octaves of the E melodic minor scale in bass clef, 4/4 time. The scale is written in a single line with a double bar line at the end. The notes are: E2, F#2, G#2, A2, B2, C3, D3, E3, F#3, G#3, A3, B3, C4, D4, E4. Fingering numbers are placed above the notes: 1, 2, 1, 4, 1, 1, 4, 1, 4, 1, 4, 1, 4, 2, 4. The first two notes (E2 and F#2) are marked with a circle (o) above them.

B melodic minor

Two octaves of the B melodic minor scale in bass clef, 4/4 time. The scale is written in a single line with a double bar line at the end. The notes are: B2, C#2, D#2, E2, F#2, G#2, A2, B2, C#3, D#3, E#3, F#3, G#3, A3, B3. Fingering numbers are placed above the notes: 1, 4, 1, 4, 1, 4, 1, 4, 1, 4, 1, 3, 2, 3. The first two notes (B2 and C#2) are marked with a circle (o) above them.

Two Octave Melodic Minor Scales

2

F# melodic minor

Two octaves of the F# melodic minor scale. The first octave is written in bass clef, and the second octave is written in treble clef. The scale consists of the notes: F#, G#, A, B, C, D, E, F#. Fingerings are indicated by numbers 1-4 above the notes. The first octave starts with a 4 on F# and ends with a 3 on F#. The second octave starts with a 1 on F# and ends with a 4 on F#.

C# melodic minor

Two octaves of the C# melodic minor scale. The first octave is written in bass clef, and the second octave is written in treble clef. The scale consists of the notes: C#, D, E, F#, G, A, B, C#. Fingerings are indicated by numbers 1-4 above the notes. The first octave starts with a 4 on C# and ends with a 3 on C#. The second octave starts with a 1 on C# and ends with a 4 on C#.

G# melodic minor

Two octaves of the G# melodic minor scale. The first octave is written in bass clef, and the second octave is written in bass clef. The scale consists of the notes: G#, A, B, C, D, E, F#, G#. Fingerings are indicated by numbers 1-4 above the notes. The first octave starts with a 4 on G# and ends with a 3 on G#. The second octave starts with a 1 on G# and ends with a 4 on G#.

D# melodic minor

Two octaves of the D# melodic minor scale. The first octave is written in bass clef, and the second octave is written in bass clef. The scale consists of the notes: D#, E, F#, G, A, B, C, D#. Fingerings are indicated by numbers 1-4 above the notes. The first octave starts with a 1 on D# and ends with a 3 on D#. The second octave starts with a 1 on D# and ends with a 4 on D#.

Two Octave Melodic Minor Scales

D melodic minor

Two octaves of the D melodic minor scale. The first octave is written in bass clef, and the second octave is written in treble clef. The scale consists of the notes D, E, F, G, A, B, C, D. The ascending sequence is shown in the first staff, and the descending sequence is shown in the second staff. Fingerings are indicated by numbers 1-4. The final note of the descending scale is marked with a plus sign (+).

G melodic minor

Two octaves of the G melodic minor scale. The first octave is written in bass clef, and the second octave is written in bass clef. The scale consists of the notes G, A, B, C, D, E, F, G. The ascending sequence is shown in the first staff, and the descending sequence is shown in the second staff. Fingerings are indicated by numbers 1-4. The final note of the descending scale is marked with a plus sign (+).

C melodic minor

Two octaves of the C melodic minor scale. The first octave is written in bass clef, and the second octave is written in treble clef. The scale consists of the notes C, D, E, F, G, A, B, C. The ascending sequence is shown in the first staff, and the descending sequence is shown in the second staff. Fingerings are indicated by numbers 1-4. The final note of the descending scale is marked with a plus sign (+).

Two Octave Melodic Minor Scales

4

F melodic minor

Two octaves of the F melodic minor scale in bass clef. The scale is written in a single line with a double bar line at the end. The notes are: F2, G2, A2, Bb2, C3, D3, E3, F3, G3, A3, Bb3, C4, D4, E4, F4, G4, A4, Bb4, C5, D5, E5, F5. Fingering numbers (1-4) are placed above the notes. There are also some circled notes and a plus sign above the final note.

Bb melodic minor

Two octaves of the Bb melodic minor scale in bass clef. The scale is written in a single line with a double bar line at the end. The notes are: Bb2, C3, D3, Eb3, F3, G3, Ab3, Bb3, C4, D4, Eb4, F4, G4, Ab4, Bb4, C5, D5, Eb5, F5, G5, Ab5, Bb5. Fingering numbers (1-4) are placed above the notes. There are also some circled notes and a plus sign above the final note.

Eb melodic minor

Two octaves of the Eb melodic minor scale in bass clef. The scale is written in a single line with a double bar line at the end. The notes are: Eb2, F2, G2, Ab2, Bb2, C3, D3, Eb3, F3, G3, Ab3, Bb3, C4, D4, Eb4, F4, G4, Ab4, Bb4, C5, D5, Eb5, F5, G5, Ab5, Bb5. Fingering numbers (1-4) are placed above the notes. There are also some circled notes and a plus sign above the final note.

One Octave Augmented Scale Exercise

Augmented (raised 5th)



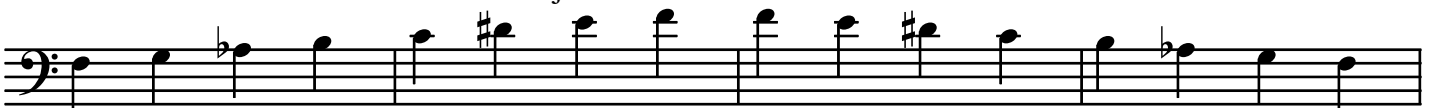
raised 5th



minor 3rd, major 7th



minor chord with a raised 4th and major 7th and flat 13th



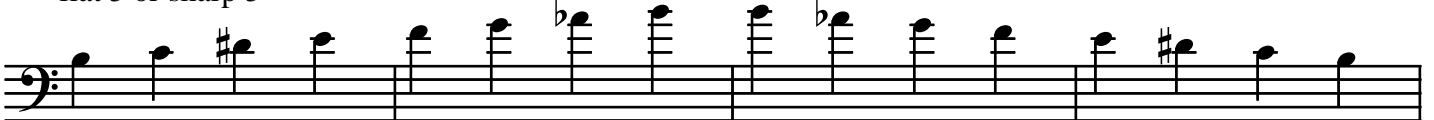
raised 5th, dominant 7th with a flatted 9th



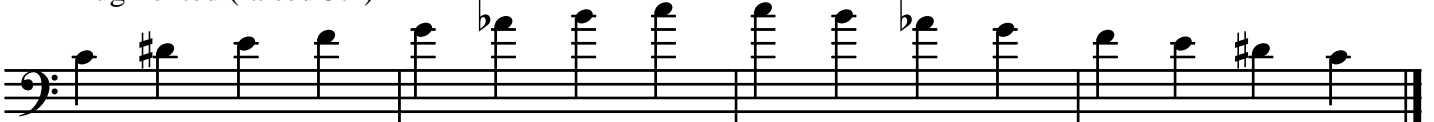
augmented chord with a major 7th, sharp 9th



flat 5 or sharp 5



Augmented (raised 5th)



One Octave Scales

Diminished #1 (minor 7th sharp 9th and 11th)

1 1 3 4 1 1 3 $b4$ 1

One Octave Scales

Diminished #2 (minor 3rd, flat 5th, major 7th)

The image displays a musical score for the Diminished #2 scale in bass clef. The score consists of 12 staves, each representing one octave of the scale. The first staff includes fingering numbers: 3, 0, 1, 3, 4, 1, 1, 3, 4. The scale is defined by the intervals of a minor 3rd, a flat 5th, and a major 7th. The notes are: C2, Eb2, F#2, G2, Ab2, Bb2, C3, D3, Eb3, F#3, G3, Ab3, Bb3, C4. The score shows the scale in various positions and octaves, with some notes marked with an 'x' to indicate specific fingering or articulation. The key signature is one flat (Bb), and the time signature is not explicitly shown but implied to be common time.

One Octave Scales

Whole Tone (flat 7th and raised 5th)

The image displays ten staves of musical notation, each representing a one-octave scale in a different key. The scales are written in bass clef and consist of whole notes. The keys are: C major, D major, E major, F major, G major, A major, B major, C minor, D minor, and E minor. The first staff includes fingering numbers: 1, 1, 4, 1, 4, 1, 3, 1, 2, 3, 4, 5, 4, 3, 2, 1. The scales are: C major (C-D-E-F-G-A-B-A-G-F-E-D-C), D major (D-E-F#-G-A-B-A-G-F#-E-D), E major (E-F#-G-A-B-A-G-F#-E), F major (F-G-A-B-A-G-A-F-G-E-D-C), G major (G-A-B-A-G-A-F#-E-D-C), A major (A-B-C#-D-E-E-D-C#-B-A), B major (B-C#-D-E-E-D-C#-B), C minor (C-D-E-F-G-A-Bb-A-G-F-E-D-C), D minor (D-E-F-G-A-Bb-A-G-F-E-D), and E minor (E-F-G-A-Bb-A-G-F-E-D).

One Octave Scales

Blues (dominant 7th chord)

The image displays ten staves of musical notation, each representing a one-octave scale in a different key signature. The scales are written in bass clef and consist of quarter notes. The keys, from top to bottom, are: D minor (one flat), E-flat major (two flats), F major (one flat), G major (no flats/sharps), A major (one sharp), B-flat major (two flats), C major (no flats/sharps), D major (two sharps), E major (three sharps), and F major (one flat). Each staff shows the sequence of notes for that scale, including any necessary accidentals to indicate the correct pitch.

One Octave Scales

Pentatonic (dominant 7th)

The image displays 12 staves of musical notation, organized into six pairs. Each pair represents an octave of a pentatonic scale in the dominant 7th mode, written in bass clef. The scales are as follows:

- Staff 1: C major pentatonic (C, D, E, G, A)
- Staff 2: C minor pentatonic (C, D, E♭, G, A)
- Staff 3: D major pentatonic (D, E, F♯, A, B)
- Staff 4: D minor pentatonic (D, E, F, A, B)
- Staff 5: E major pentatonic (E, F♯, G, B, C)
- Staff 6: E minor pentatonic (E, F, G, B, C)
- Staff 7: F major pentatonic (F, G, A, C, D)
- Staff 8: F minor pentatonic (F, G, A, C, D)
- Staff 9: G major pentatonic (G, A, B, D, E)
- Staff 10: G minor pentatonic (G, A, B, D, E)
- Staff 11: A major pentatonic (A, B, C, E, F)
- Staff 12: A minor pentatonic (A, B, C, E, F)

One Octave Gypsy or Byzantine Exercise

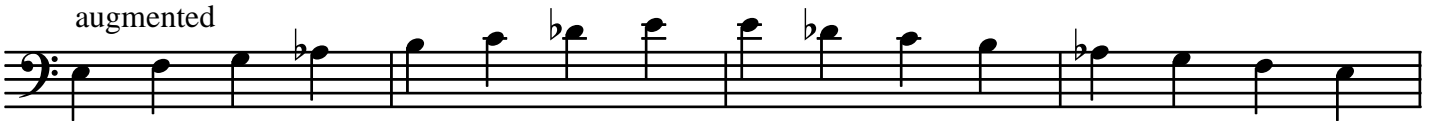
Gypsy or Byzantine (major seventh, flat 6th and 9th)



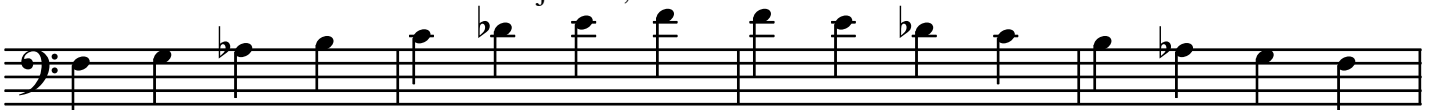
major 7th



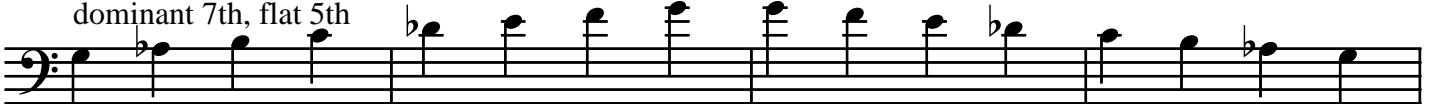
augmented



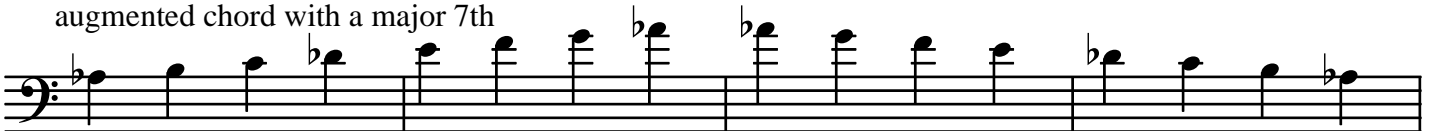
minor chord with a raised 4th and major 7th, flat 13th



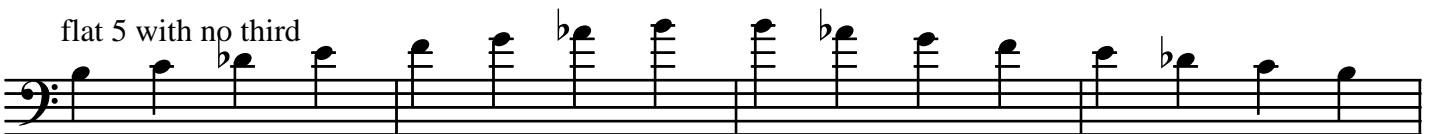
dominant 7th, flat 5th



augmented chord with a major 7th



flat 5 with no third



Gypsy or Byzantine (major seventh, flat 6th and 9th)



One Octave Harmonic Major Exercise

Harmonic Major (major seventh, flat 6th)



half diminished



minor 7th



minor chord with a raised 4th and major 7th



dominant 7th with a flatted 9th



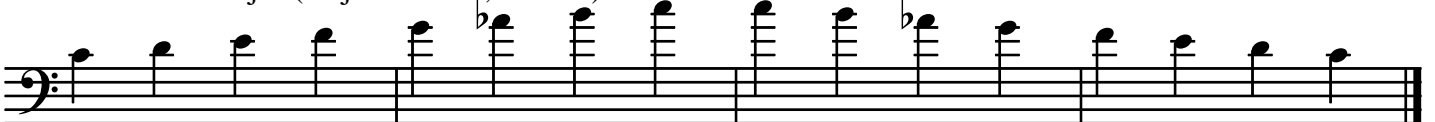
augmented chord with a major 7th



diminished 7th



Harmonic Major (major seventh, flat 6th)



One Octave Harmonic Minor Exercise

Harmonic Minor (minor with major seventh, flat 6th)



minor 3rd, flatted 5th 7th, 9th



major 7th, raised 5th



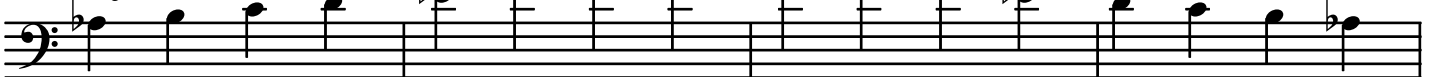
minor 3rd, dominant 7th, raised 4th



dominant 7th, flatted 6th and 9th



major 7th



diminished 7th



Harmonic Minor (minor with major seventh, flat 6th)



One Octave Melodic Minor Exercise

Melodic Minor (minor with major seventh)



Dorian with flatted second (minor 3rd, flatted 7th, flatted 9th)



Lydian Augmented (minor 7th, raised 4th and 5th)



Lydian Dominant (dominant 7th, raised 4th)



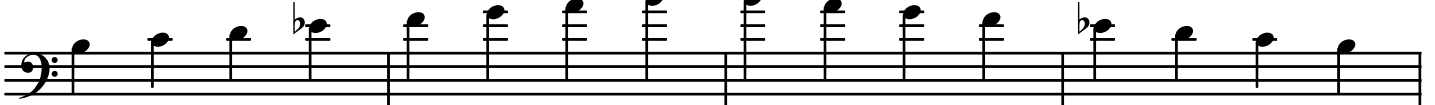
Hindu (dominant 7th, flatted 6th)



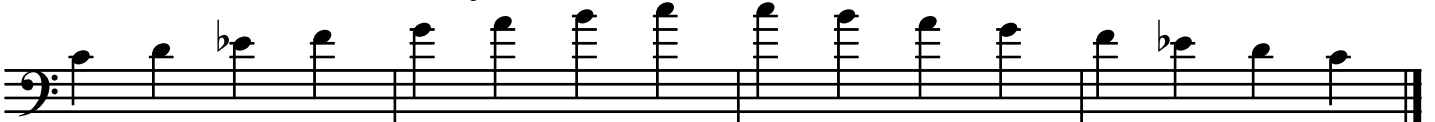
Half Diminished (minor 3rd, flatted 5th and 7th)



Super Locrian or Diminished Whole Tone (flatted 7th, sharpened 9th)



Melodic Minor (minor with major seventh)



One Octave Modes Exercise

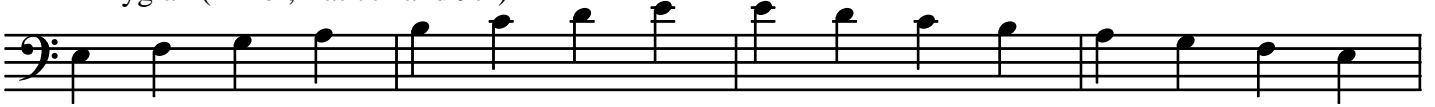
Ionian (major 7th)



Dorian (minor, flat 7th)



Phrygian (minor, flat 7th and 9th)



Lydian (major with raised 4th)



Mixolydian (dominant 7th)



Aeolian (minor, flatted 7th)



Locrian (half diminished)



Ionian (major 7th)



One Octave Neapolitan Exercise

Neapolitan (minor with major seventh, flat 6th and 9th)



major or dominant 7th with a raised 4th



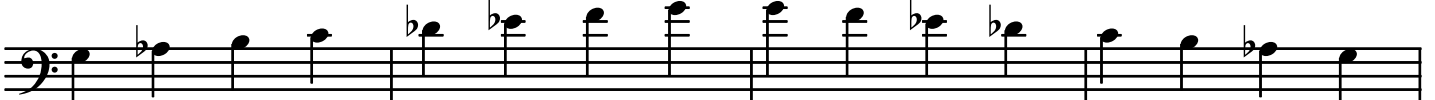
dominant 7th, raised 5th



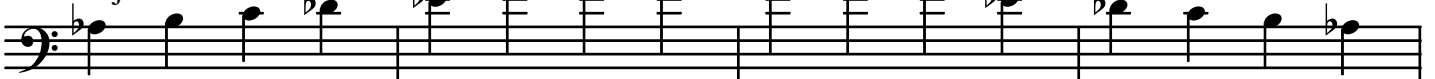
minor 3rd, dominant 7th, raised 4th



dominant 7th flat 5th with a flatted 6th and 9th



major 7th



flat 5, no third



Neapolitan (minor with major seventh, flat 6th and 9th)



Beyond Major/Minor

Comparing Different Scales

Diminished #1 (minor 7th sharp 9th and 11th)



Diminished #2 (minor 3rd, flat 5th, major 7th)



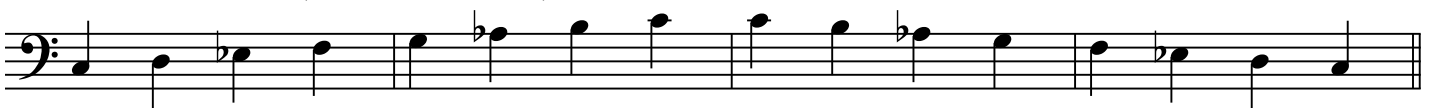
Whole Tone (flat 7th and raised 5th)



Blues Scale (dominant 7th chord)



Harmonic Minor (minor 3rd, flat 6th)



Harmonic Major (major 7th, flatted 6th)



Augmented (raised 5th)



Pentatonic (dominant 7th)

