



PRESENTS
JAZZ WORKSHOP SERIES



Violin Master Class

Chord Scales and Arpeggios (Treble Clef)

BY ROB THOMAS

*Professor String Department
Berklee College of Music, Boston, MA*

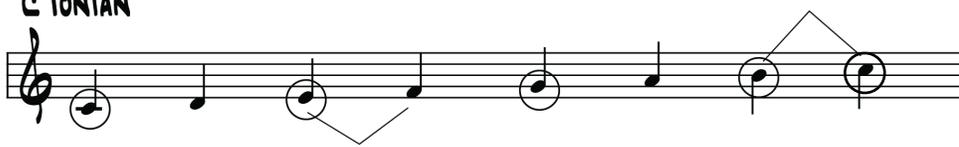
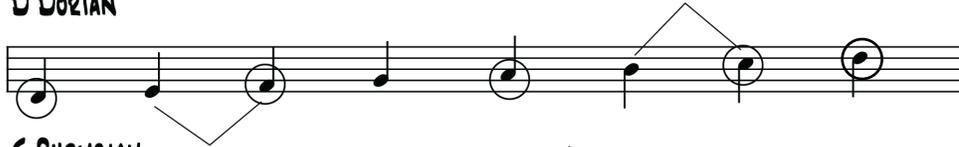
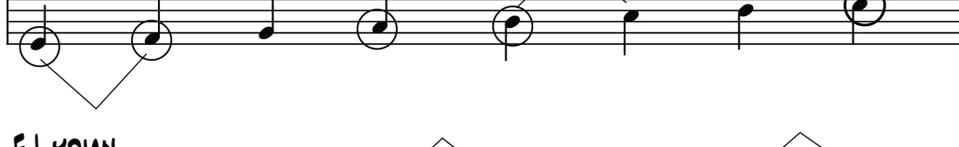
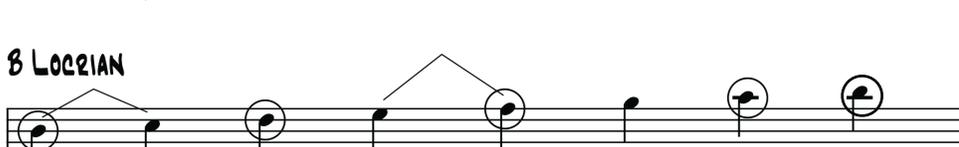
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✉ rthomas@berklee.edu

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MODES OF THE C MAJOR SCALE

	CHORD FORMED BY CIRCLED NOTES
C IONIAN 	CMA7
D DORIAN 	DMIN7
E PHRYGIAN 	ESUS b9
F LYDIAN 	FMA7 b5
G MIXOLYDIAN 	G7
A AEOLIAN 	AMIN b6
B LOCRIAN 	BMIN7 b5

Modes in C scale and arpeggio exercise

C Ionian



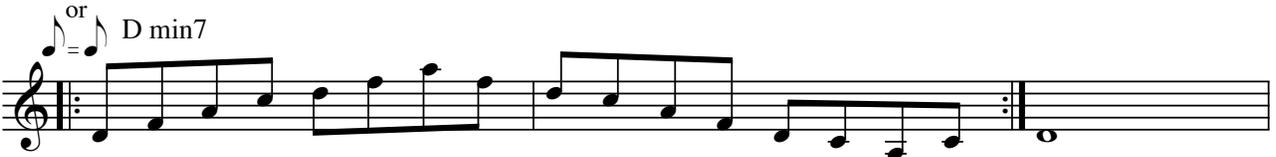
CMaj 7



D Dorian



or D min7



E Phrygian



Esusb9



F Lydian



FMaj7^b5





Order of Modes "in a Key Signature"

	<u>4 Note Arpeggios</u>	<u>Pentatonic Options</u>
Maj7 (Ionian)	1_3_5_7	Major pent. on root or 5th
min7 (Dorian)	1_3_5_7	Dorian pent. on root, or minor pent. on root, or minor pent. on 5
susb9 (Phrygian)	1_2_4_5	Dorian pent. on 7th (resulting chord is a 7susb9)
Maj7b5 (Lydian)	1_3_4_7 (#4 replaces 5th)	Dorian pent. on 6th or Major pent. on 2nd
7 (Mixolydian)	1_3_5_7	Major pent. on root, Dorian pent. on 5th, or mixo. pent. on root
minb6 (Aeolian)	1_3_5_6	Minor pent. on root or Aeolian pent. on root
m7b5 (Locrian)	1_3_5_7	Dorian pent. on 3rd

Definitions:

Major Pentatonic is 1_2_3_5_6 of the major scale.

Minor Pentatonic is 1_3_4_5_7 of the minor scale
(it's the relative minor of major pentatonic).

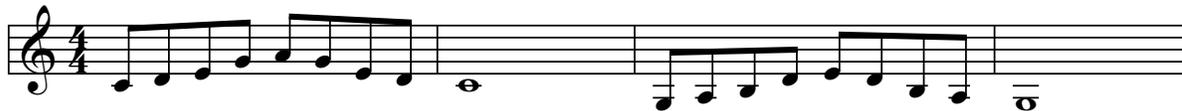
"Dorian Pentatonic" is 1_2_3_5_6 of the dorian mode.

"Mixolydian Pentatonic" is 1_3_4_5_7 of the mixolydian mode.

"Aeolian Pentatonic" is 1_2_3_5_6 of the aeolian mode

Pentatonic Scales* on the Modal Chord Vamps in the Key of C

On Cmaj7 try C major pentatonic or G major pentatonic...



On Dmin7 try D minor pentatonic, D dorian pentatonic

or A minor pentatonic



On Esus9 try D dorian pentatonic



On Fmaj7 b5 try D dorian pentatonic

or G major pentatonic



On G7 try G major pentatonic

or D dorian pentatonic...



OR... the Bmin7b5 "shape"

or the Fmaj7b5 "shape"



On Aminb6 try A minor pentatonic

or A aeolian pentatonic



On Bmin7b5 try D dorian pentatonic



In some cases you will want to 'orient' these pentatonic scales away from their roots. For instance, emphasizing 'C' in the first example will sound rather bland. Try giving more weight to 'E', 'A', or even 'G'. Or in the last example, give 'B' more weight than 'D'. If you use your ears, these choices will be pretty obvious.

*and a couple of other shapes!

"L.I.M.O.A.P.L."

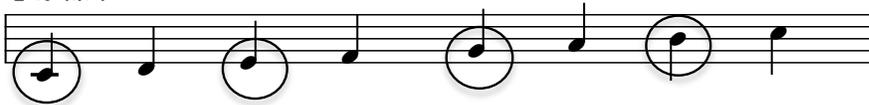
C LYDIAN



CHORD FORMED BY
CIRCLED NOTES

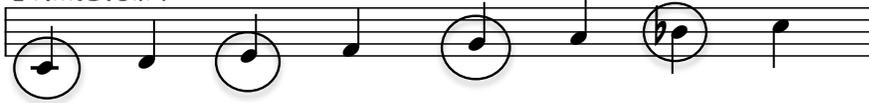
CMA7 b5

C IONIAN



CMA7

C MIXOLYDIAN



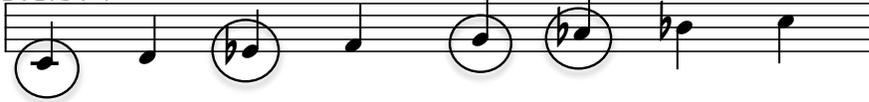
C7

C DORIAN



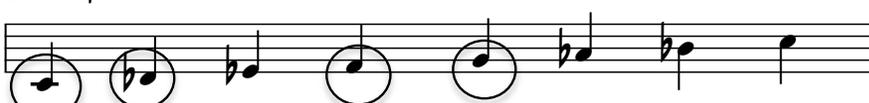
Cmin7

C AEOLIAN



Cmin b6

C PHRYGIAN



Csus b9

C LOCRIAN



Cmin7 b5

L I M D A P L
+4 - 7 3 6 2 5

Major Keys and Key Signatures

C: -

F: B \flat

B \flat : B \flat , E \flat

E \flat : B \flat , E \flat , A \flat

A \flat : B \flat , E \flat , A \flat , D \flat

D \flat : B \flat , E \flat , A \flat , D \flat , G \flat

G \flat : B \flat , E \flat , A \flat , D \flat , G \flat , C \flat

F \sharp : F \sharp , C \sharp , G \sharp , D \sharp , A \sharp , E \sharp

B: F \sharp , C \sharp , G \sharp , D \sharp , A \sharp

E: F \sharp , C \sharp , G \sharp , D \sharp

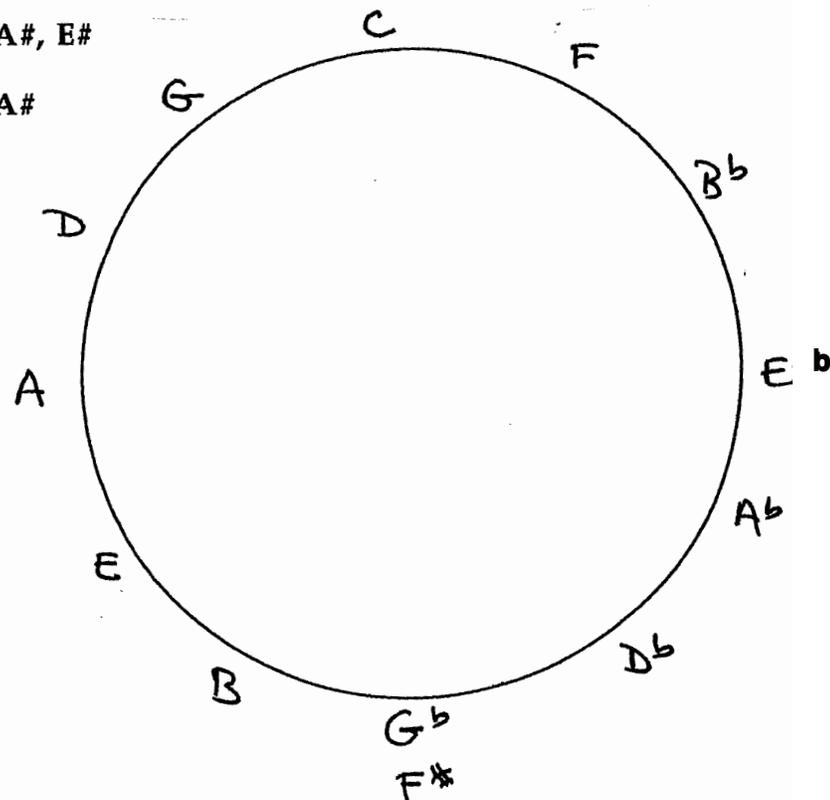
A: F \sharp , C \sharp , G \sharp

D: F \sharp , C \sharp

G: F \sharp

C: -

The Circle of 5ths



Minor Keys start on 6th degree of Major Scale

for example: A minor = C major
starting on A and ending on A

Mode Cycle on C scales and arpeggios

LYDIAN



M7 \flat 5



These whole notes are optional
at the end of every line.

IONIAN



MIXOLYDIAN



DORIAN



AEOLIAN



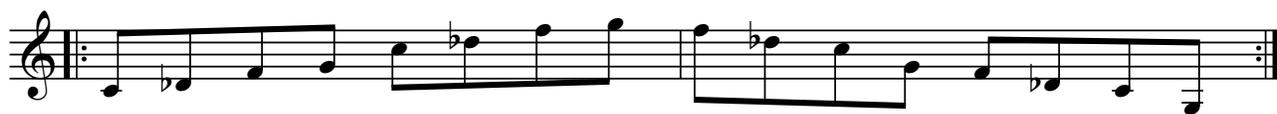
m b6



PHRYGIAN



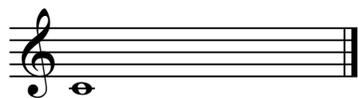
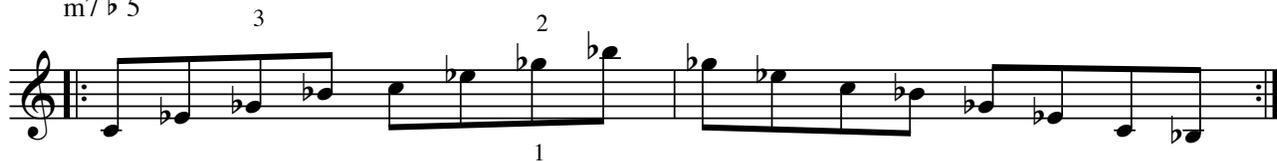
sus b 9



LOCRIAN



m7 b 5



Order of Modes on a Single Tonal Center ("LIMDAPL")

	<u>4 Note Arpeggios</u>	<u>Pentatonic Options</u>
Maj7b5 (Lydian) (major scale w/raised 4th)	1_3_4_7 (#4 acts as 5th)	Dorian pent. on 6th or Major pent. on 2nd
Maj7 (Ionian) (lower the 4th)	1_3_5_7	Major pent. on root or 5th
7 (Mixolydian) (lower the 7th)	1_3_5_7	Major pent. on root, Dorian pent. on 5th or Mixolydian pent on root
min7 (Dorian) (lower the 3rd)	1_3_5_7	Dorian pent. or minor pent. on root , or minor pent. on 5
minb6 (Aeolian) (lower the 6th)	1_3_5_6	Minor pent. on root or aeolian pent. on root
susb9 (Phrygian) (lower the 2nd)	1_2_4_5	Dorian pent. on 7th (resulting chord is a 7susb9)
m7b5 (Locrian) (lower the 5th)	1_3_5_7	Dorian pent. on 3rd

Definitions:

Major Pentatonic is 1_2_3_5_6 of the major scale.

Minor Pentatonic is 1_3_4_5_7 of the minor scale
(it's the relative minor of major pentatonic).

"Dorian Pentatonic" is 1_2_3_5_6 of the dorian mode.

"Mixolydian Pentatonic" is 1_3_4_5_7 of the mixolydian mode.

"Aeolian Pentatonic" is 1_2_3_5_6 of the aeolian mode

Major Scale Frames

Seven musical staves illustrating major scale frames in various keys. Each staff shows a sequence of eighth notes for both ascending and descending scales, with repeat signs at the end of each line.

- Staff 1: C major (C4 to C5)
- Staff 2: G major (G4 to G5)
- Staff 3: D major (D4 to D5)
- Staff 4: A major (A4 to A5)
- Staff 5: E major (E4 to E5)
- Staff 6: B major (B4 to B5)
- Staff 7: F# major (F#4 to F#5)

"Dual" and "Split" Frames

Db / C# "low" frame

Db / C# "high" frame

Two musical staves illustrating "Dual" and "Split" frames for the Db / C# scale. The first staff shows the "low" frame with a '4' above the first measure. The second staff shows the "high" frame with a '3' above the first measure and a '1' above the second measure.

Dual Frames In B, E and A

low (half pos.) frame



high (1st pos.) frame



low (half pos.) frame



high (1st pos.) frame



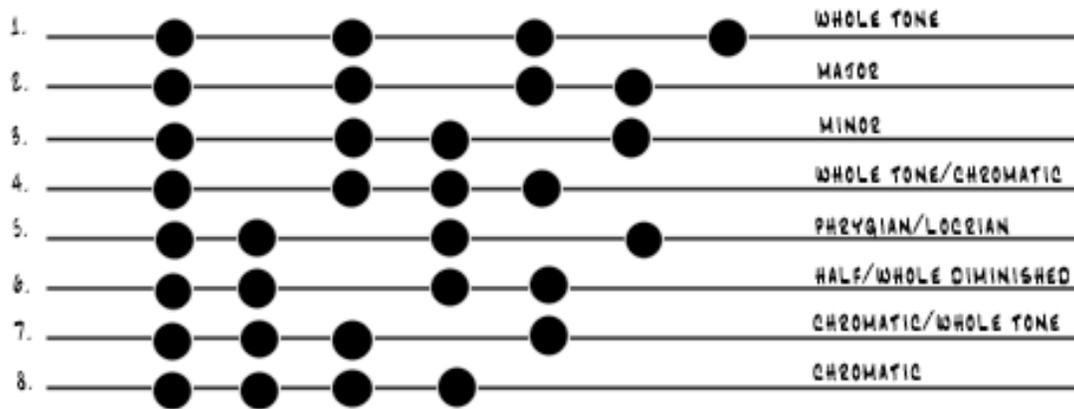
low (half pos.) frame



high (1st pos.) frame



8 FINGER PATTERNS FOR VIOLIN & VIOLA



Modal Arpeggios in the 12 keys

Numerals indicate the number of notes per bow as the 7 arpeggios for each key are played, depending on the number of notes (9 or 10) accessible in the lowest position(s).

M7	m7	susb9	'M7b5'	7	mb6	m7b5
G 3	A 3	B 4	C 4	D 4	E 3	F# 4
Ab 3	Bb 3	C 4	Db 4	Eb 3	F 4	G 3
A 3	B 3	C# 4	D 4	E 3	F# 4	G# 3
Bb 3	C 3	D 3	Eb 3	F 4	G 3	A 3
B 4	C# 3	D# 3	E 3	F# 4	G# 3	A# 3
C 3	D 4	E 3	F 3	G 3	A 4	B 3
Db 4	Eb 4	F 4	Gb 4	Ab 4	Bb 4	C 4
D 4	E 3	F# 3	G 3	A 3	B 3	C# 3
Eb 3	F 4	G 3	Ab 3	Bb 3	C 3	D 4
E 3	F# 4	G# 3	A 3	B 3	C# 3	D# 4
F 4	G 3	A 3	Bb 3	C 3	D 3	E 3
Gb 4	Ab 3	Bb 4	Cb 4	Db 4	Eb 4	F 4

LIMDAPL Arpeggios

Numerals indicate the number of notes in first, half, or split position frame for each modally generated arpeggio.

Play the 10 note frames as 2 bars of 8th note triplets in 3/4 time.

Play the 9 note frames as 2 bars of 8th notes in 4/4.

	L	I	M	D	A	P	L
G	10	10	10	10	10	10	10
A ^b	10	10	9	9	10	10	10
A	10	10	10	10	9	10	10
B ^b	10	10	10	10	9	9	10
B	9	9	10	10	10	9	10
C	9	10	10	10	10	9	9
D ^b	9	9	9	10	10	9	10
D	9	9	9	9	10	10	9
E ^b	10	10	10	9	9	10	9
E	10	10	10	10	10	10	10
F	10	9	9	9	9	9	9
G ^b	9	9	9	9	9	10	9

Lydian: Major 7 b5

Ionian: Major 7

Mixolydian: Dominant 7

Dorian: Minor 7

Aeolian: Minor b6

Phrygian: sus 4 b9

Locrian: Minor 7 b5