

Week - 2 Theory

Diatonic Chording

Root	2	3	4	5	6	7	8
Major	minor	minor	Major	Major/ 7^{th}	Rm	ϕ	Major

- 7^{th} : dominant 7th chord.
 - Example A7 always means A dominant 7th chord.
- Rm: Relative minor.
- ϕ : Half diminished/ $m7b5$ (minor seventh flatten fifth).
- o : Diminished chord symbol.

Group Chording

Major group chords

$$\frac{Root}{Major} + \frac{6^{th}}{Rm} + \frac{4^{th}}{Major} + \frac{5^{th}}{Major/7^{th}}$$

- Example for C major scale, major group chords would be:
 - [CM, Am, FM, GM/G7]

Minor group chords

$$\frac{Root}{minor} + \frac{7^{th}}{Major} + \frac{6^{th}}{Major} + \frac{5^{th}}{Major/7^{th}}$$

- Example for A minor scale, minor group chords would be:
 - [Am, GM, FM, EM/E7]

Homework

- Learn 2-3 shapes for dominant 7 chords.
- Practice Arpeggios.
- Practice accompaniment on Am.
- Practice 12 bar blues.
- Practice scales with 1 note/beat, 2 note/beat and 4 note/beat at 90 bpm.

All major scales

C major scale

- Diatonic chords: CM Dm Em FM GM/G7 Am Bm7b5 CM
- Major group chords: CM, Am, FM, GM/G7
- Minor group chords: Cminor, Bbm, AbM, GM/G7

C#/Db major scale

- Diatonic chords: DbM Ebm Fm GbM AbM Bbm Cm7b5 DbM
- Major group chords: 'DbM Bbm GbM AbM/A7
- Minor group chords: C#m BM AM G#Major/G#7

D major scale

- Diatonic chords: DM Em F#m GM AM Bm C#7b5 DM
- Major group chords: DM Bm GM AM/A7
- Minor group chords: Dm CM BbM AM/A7

D#/Eb major scale

- Diatonic chords: EbM Fm Gm AbM Bbm Cm Dm7b5 EbM
- Major group chords: EbM Cm AbM Bbm/Bb7
- Minor group chords: Ebm DbM CbM Bbm/Bb7

E major scale

- Diatonic chords: EM F#m G#m AM BM C#m D#m7b5 EM
- Major group chords: EM C#m AM BM/B7
- Minor group chords: Em DM CM BM/B7

F major scale

- Diatonic chords: FM Gm Am Bbm CM Dm Em7b5 FM
- Major group chords: FM Dm Bbm CM/C7
- Minor group chords: Fm EbM DbM CM/C7

Gb/F# major scale

- Diatonic chords: GbM Abm Bbm CbM DbM Ebm Fm7b5 GbM
- Major group chords: GbM Ebm CbM DbM/Db7
- Minor group chords: F#m EM DM DbM/Db7

G major scale

- Diatonic chords: GM Am Bm CM DM Em F#m7b5 GM
- Major group chords: GM Em CM DM/D7
- Minor group chords: Gm FM EbM DM/D7

Ab/G# major scale

- Diatonic chords: AbM Bbm Cm DbM EbM Fm Gm7b5 AbM
- Major group chords: AbM Fm DbM EbM/Eb7
- Minor group chords: G#m F#M EM D#M/D#7

A major scale

- Diatonic chords: AM Bm C#m DM EM F#m G#m7b5 AM
- Major group chords: AM F#m DM EM/E7
- Minor group chords: Am GM FM EM/E7

Bb/A# major scale

- Diatonic chords: BbM Cm Dm EbM FM Gm Am7b5 BbM
- Major group chords: BbM Gm EbM FM/F7
- Minor group chords: Bbm AbM GbM FM/F7

B major scale

- Diatonic chords: BM C#m D#m EM F#M G#m A#m7b5 BM
- Major group chords: BM G#m EM F#M/F#7
- Minor group chords: Bm AM GM F#M/F#7

Exercise

Arpeggios

- CM : 5-3/3 4-2/2 3-0/0 2-1/1 1-0/0 1-3/(4/3)

- Dm : 5-5/4 4-3/3 3-2/1 2-3/3 1-1/1 1-5/4
- Em : 5-7/4 4-5/3 3-4/1 2-5/3 1-3/1 1-7/4
- FM : 5-8/4 4-7/3 3-5/1 2-6/2 1-5/1 1-8/4
- GM : 5-10/4 4-9/3 3-7/1 2-8/2 1-7/1 1-10/4
- Am : 5-12/4 4-10/3 3-9/1 2-10/2 1-8/1 1-12/4
- B ϕ : 5-14/4 4-12/2 3-10/1 2-12/2 1-10/1 1-13/4

Accompaniment on Am

- Bar format: string-fret chord
- Time signature: 3/4

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| 5-0 Am Am | 5-3 5-2 5-0 | 5-2 E7 E7 | 6-0 E7 E7 |
| 5-2 E7 E7 | 4-0 5-3 5-2 | 5-0 5-3 4-2 | 5-0 E7 E7 |
| 4-0 Dm Dm | 3-2 3-0 4-3 | 4-2 Am Am | 4-2 4-0 5-3 |
| 5-2 E7 E7 | 4-2 5-2 5-3 | 5-0 Am Am | 5-0 5-3 4-2 |
| 4-3 Dm Dm | 4-0 Dm Dm | 5-2 E7 E7 | 6-0 E7 E7 |
| 4-2 Am Am | 5-3 Am Am | 5-0 Am Am | 6-0 Am Am |
| 6-0 6-4 5-2 | 5-5 5-3 5-2 | 5-3 5-3 4-2 | 3-2 3-0 4-3 |
| 4-2 Am Am | 5-2 E7 E7 | 5-0 5-3 4-2 | 5-0 .... |
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12 Bar Blues

- Time signature: 4/4
- % means repeat the previous bar.
- Pattern: Down and up for each chord without muting/pausing.

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| GM Em G7 Em | % | % | % |
| CM Am C7 Am | % | GM Em G7 Em |
| % | DM Bm D7 Bm | CM Am C7 Am |
| GM Em G7 Em | D7 % % % |
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