



COMPLETE SCALE SYLLABUS

GIANLUCA BARBARO

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SAMPLE PAGE

3. IONIAN PENTATONIC

Raga Gambhiranata



4, 1, 2, 4, 1
100011010001

Generated by: 47, 53, 54, 58, 63, 64, 65, 119, 124, 126, 129, 130, 131, 132, 139, 140, 143, 144, 145, 146, 147, 151, 152, 155, 183, 184, 185, 188, 189, 190, 191, 192, 193, 195, 198, 199, 200, 201, 202, 204, 206, 207, 208, 209, 210, 214, 215, 216, 217, 218, 220, 226, 227, 228, 229, 230, 231, 232, 233, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252

Modes: II: Balinese, III: Raga Vaijayanti, IV: Raga Khamaji Durga

Chords: I: Δ, Δ/4

4. RAGA MALASHRI



4, 2, 1, 4, 1
100010110001

Generated by: 48, 54, 59, 63, 68, 120, 125, 129, 133, 134, 135, 140, 141, 143, 147, 151, 153, 155, 158, 159, 160, 184, 185, 188, 190, 192, 193, 194, 198, 199, 200, 202, 203, 206, 207, 208, 210, 211, 212, 213, 214, 215, 216, 217, 220, 221, 226, 227, 228, 230, 231, 232, 233, 235, 236, 237, 238, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252

Modes: II: Hirajoshi Japan, III: Iwato Japan, IV: Raga Bhinna Shadja, V: Japanese

Chords: I: Δ, Δ♭5

5. N/A



4, 3, 1, 3, 1
100010011001

Generated by: 49, 55, 60, 64, 69, 70, 121, 126, 130, 133, 136, 137, 140, 141, 144, 148, 149, 155, 158, 159, 161, 184, 185, 189, 190, 192, 195, 196, 199, 200, 202, 204, 206, 208, 209, 210, 211, 212, 214, 216, 218, 219, 220, 221, 226, 227, 228, 230, 232, 233, 235, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252

Chords: I: Δ, Δ♯5, IV: Δ♯5

6. RAGA MAMATA



4, 3, 2, 2, 1
100010010101

Generated by: 50, 54, 56, 61, 69, 71, 122, 126, 127, 131, 134, 136, 138, 140, 145, 147, 148, 150, 153, 154, 158, 160, 161, 184, 186, 188, 190, 192, 193, 195, 197, 199, 200, 203, 205, 208, 210, 211, 213, 214, 215, 216, 219, 221, 226, 227, 228, 230, 231, 232, 233, 234, 235, 236, 237, 238, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252

Modes: II: Raga Kokil Pancham

Chords: I: Δ, IV: -7

SAMPLE PAGE

90. RAGA JAGANMOHANAM



2, 4, 1, 1, 2, 2
101000111010

Chords: II: 7#5, 7b5, IV: -Δ, Δ/4, V: Δb5, 7b5, VI: 7#5

91. N/A



1, 2, 3, 1, 4, 1
110100110001

Chords: I: -Δ, °/Δ, II: Δ/4/b5, III: 7#5, V: Δ#5, Δb5, Δ/4/b5

92. N/A



1, 2, 4, 2, 2, 1
110100010101

Chords: I: -Δ, III: 7#5, 7b5, V: -7b5, 7b5, VI: 7#5

93. HAWAIIAN

Nando Kyemyonjo (Korea), Minor Pentachord



2, 1, 4, 2, 2, 1
101100010101

Modes: II: Raga Rasavali

Chords: I: -Δ, II: 7/4, III: Δ#5, Δb5, V: -7b5, VI: 7#5

Generated by: 169, 173, 176, 183, 192, 194, 198, 199, 200, 201, 217, 220, 222, 224, 226, 227, 228, 229, 230, 235, 236, 237, 240, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252

Generates: 15, 17, 24, 35, 42

Generated by: 121, 125, 176, 184, 192, 198, 202, 203, 206, 210, 217, 220, 222, 229, 230, 231, 232, 235, 236, 237, 240, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252

Generates: 15, 18, 33, 36, 43, 44

Generated by: 127, 169, 174, 175, 186, 199, 200, 203, 205, 210, 221, 222, 224, 226, 227, 228, 229, 231, 232, 234, 235, 240, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252

Generates: 15, 19, 35, 40

Generated by: 158, 168, 175, 186, 189, 210, 211, 215, 216, 218, 221, 224, 226, 227, 228, 230, 231, 232, 234, 235, 236, 238, 239, 240, 241, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252

Generates: 16, 19, 32, 33

216. MAJOR BEBOP

A musical staff in G major (one sharp) starts with a quarter note followed by six eighth notes. The first note has a sharp sign above it, indicating a key signature of one sharp.

2, 2, 1, 2, 1, 1, 2, 1
101011011101

Generated by: 238, 241, 243, 246, 247, 248, 249, 251,
252

Generates: 1, 3, 4, 5, 6, 8, 9, 11, 14, 16, 17, 18, 19, 21, 23, 26, 27, 28, 29, 31, 32, 33, 36, 37, 38, 41, 42, 52, 53, 54, 55, 56, 59, 61, 64, 67, 69, 72, 74, 77, 80, 93, 95, 97, 98, 105, 106, 113, 140, 142, 144, 145, 153, 165

Modes: **II:** Blues Octatonic, **IV:** Lydian b3, **VI:** Magen Abot (Israel), **VII:** Utility minor

Chords: I: Δ, Δ/4, Δ♯5, II: -7, 7/4, -7b5, °7, III: 7, -7, 7/4, 7♯5, IV: Δ, -Δ, °/Δ, Δb5, °7, V: 7, 7/4, VI: Δ♯5, °/Δ, Δb5, °7, VII: -Δ, -7, Δ/4, 7/4, VIII: -7b5, °7

217. ENIGMATIC

1, 3, 1, 1, 2, 2, 1, 1
110011101011

Generated by: 236, 237, 244, 245, 247, 249, 250, 251,
252

Generates: 1, 2, 3, 4, 7, 9, 11, 15, 17, 18, 20, 22, 24, 25, 26, 27, 28, 30, 32, 34, 35, 36, 39, 42, 43, 44, 53, 54, 57, 58, 62, 63, 68, 77, 84, 90, 91, 94, 99, 100, 102, 103, 104, 107, 117, 143, 146, 147, 176

Modes: **IV**: Half-Diminished Bebop

Chords: I: Δ#5, 7#5, Δb5, 7b5, Δ/4/b5, II: Δ, 7, -Δ, -7, Δ/4, 7/4, IV: -Δ, Δ/4, °/Δ, Δ/4/b5, V: Δ, 7, Δ/4, 7/4, Δb5, 7b5, Δ/4/b5, VI: 7#5, VII: -7, -7b5, VIII: Δ/4, Δ/4/b5

218. 1G Octatonic

1, 2, 1, 1, 2, 2, 1, 2
110111010110

Generated by: 238, 239, 241, 244, 247, 248, 249, 250,
251, 252

Generates: 1, 3, 5, 8, 9, 10, 11, 12, 13, 14, 16, 17, 18, 19, 22, 25, 26, 27, 28, 29, 32, 33, 34, 35, 37, 39, 40, 41, 44, 53, 55, 64, 65, 70, 73, 74, 75, 76, 77, 80, 81, 83, 85, 86, 93, 94, 103, 106, 114, 144, 146, 149, 168

Chords: I. 7, -7, 7/4, II. Δ⁹, ⁰/Δ, Δ⁹5, ⁰/7, III. 7, 7b5, IV. ⁰/Δ, Δ/4⁹5, ⁰/7, V. Δ, 7, Δ/4, 7/4, Δ⁹5, 7#5, VI. -7b5, ⁰/7, VII. 7, -7, 7#5, -7b5, 7b5, VIII. -Δ, Δ/4, ⁰/Δ, Δ/4⁹5, ⁰/7