

# DIATONIC

19 FUNDAMENTAL STRUCTURES, 131 VARIATIONS

# THE EVERYTHING SHEET

# CHROMATIC

72 FUNDAMENTAL STRUCTURES, 219 VARIATIONS

NORMAN ZOCHER

### CHROMATIC SHORTHAND

3,4,5,6,7,8,9,10,11=THE NUMBER OF NOTES ARRANGED CHROMATICALLY

A MINIMUM OF A WHOLE STEP AWAY FROM ANY OTHER NOTE ABOVE OR BELOW

2=2 NOTES ARRANGED CHROMATICALLY A MINIMUM OF A WHOLE STEP AWAY FROM ANY OTHER NOTE ABOVE OR BELOW

1=A SINGLE NOTE A MINIMUM OF A WHOLE STEP AWAY FROM ANY OTHER NOTE ABOVE OR BELOW

R=RANGE OF ALL ELEMENTS ABOVE THE BOTTOM CLUSTER WITHIN THE OCTAVE

**2 NOTES-INTERVALS OF 2NDS, 3RDS, OR 4THS**

**3 NOTES-TRIADS**    **3 NOTE 4TH VOICING**    **SHELL #1**    **SHELL #2**    **CLUSTER**    **3 NOTE CHROMATIC CLUSTER**

1,3,5    1,4,7    1,3,7    1,5,7(3,7,9)    1,2,3

**4 NOTES-TETRA CHORDS**    **7TH CHORDS**    **4 NOTE 4TH VOICINGS**    **COLTRANE TETRA CHORDS/HYBRID VOICINGS**    **C/D**    **C/F**    **CLUSTER**    **4 NOTE CHROMATIC STRUCTURES**    **3 CHROMATIC+1**    **1 RANGES FROM FROM E UP TO Bb**

1,3,5,7    1,4,7,3    1,2,3,5    1,3,4,5    1,2,3,4(7,1,9,3)    4 (4 NOTES CHROMATIC)    3+1 (R=d5)

**5 NOTES-PENTATONICS**    **9TH CHORDS**    **5 NOTE 4TH VOICINGS**    **CLUSTER**    **5 NOTE CHROMATIC STRUCTURES**

1,3,5,7,9(1,2,3,5,7)    1,4,7,3,13(1,2,3,5,6)    1,2,3,4,5(7,1,9,3,11)    5    4+1 (R=P4)    3+2 (R=P4)    3+1+1 (R=M3)

**6 NOTES-HEXATONIC**    **11TH CHORDS**    **6 NOTE 4TH VOICINGS = CLUSTER (2 TRIADS A STEP APART)**    **6 NOTE CHROMATIC STRUCTURES**

1,3,5,7,9,11    1,4,7,3,6,9    1,2,3,4,5,6(7,1,9,3,11,5)    6, 5+1 (R=M3), 4+2 (R=M3), 4+1+1 (R=m3), 3+3 (R=M2), 3+2+1 (R=m3), 3+1+2 (R=m3), 3+1+1+1 (R=M2) (BLUES SCALE)

**7 NOTES-SCALE**    **13TH CHORDS**    **7 NOTE 4TH VOICINGS = 7 NOTE CLUSTER=SCALE**    **7 NOTE CHROMATIC STRUCTURES**

1,3,5,7,9,11,13    1,4,7,3,6,9,5    1 2 3 4 5 6 7    7, 6+1 (R=m3), 5+2 (R=m3), 5+1+1 (R=M2), 4+3 (R=m3), 4+2+1 (R=M2), 4+1+2 (R=M2), 4+1+1+1 (R=m2), 3+3+1 (R=M2), 3+2+2 (R=M2) (DOUBLE HARMONIC MINOR), 3+2+1+1 (R=m2), 3+1+2+1 (R=m2), 3+1+1+2 (R=m2), 3+1+1+1+1

**8 NOTES**    **DIMINISHED SCALE**    **8 NOTE CHROMATIC STRUCTURES**    **9 NOTE CHROMATIC STRUCTURES**

8, 7+1 (R=M2), 6+2 (R=M2), 6+1+1 (R=m2), 5+3 (R=M2), 5+2+1 (R=m2), 5+1+2 (R=m2), 5+1+1+1, 4+4 (R=m2), 4+3+1 (R=m2), 4+1+3 (R=m2), BOP SCALES-4+2+2 (R=m2), 4+2+1+1, 4+1+2+1, 4+1+1+2, 3+3+2 (R=m2), 3+2+3 (R=m2), 3+2+2+1, 3+2+1+2, 3+1+2+2

9, 8+1 (R=m2), 7+2 (R=m2), 7+1+1, 6+3 (R=m2), 6+2+1, 6+1+2, 5+4 (R=m2), 5+3+1, 5+1+3, 5+2+2, 4+4+1, 4+3+2, 4+2+3, 3+3+3 (DOUBLE AUGMENTED)

**10 NOTE CHROMATIC STRUCTURES**    **11 NOTE CHROMATIC STRUCTURE**    **CHROMATIC SCALE (12 NOTES)**

10, 9+1, 8+2, 7+3, 6+4, 5+5    11    12

**DIATONIC**    **APPLY ALL APPROPRIATE STRUCTURES TO THESE PARENT SCALES**

**MAJOR SCALE**    **MELODIC MINOR SCALE**    **HARMONIC MINOR SCALE**    **HARMONIC MAJOR SCALE**

**SYMMETRICAL DIMINISHED SCALE**    **WHOLE TONE SCALE**    **AUGMENTED SCALE**    **CHROMATIC SCALE**