

Contents

1 INTERVALS AS A BUILDING BLOCK: A REVIEW 1

- Simple and Compound 1
- Construction 2
- Symbols 2
- Compound Intervals 3
- Enharmonics 4
- Inversions 4
- Hearing Intervals 4
- Suggested Exercises and Activities 5

2 SCALES AND MODES 9

- Scale Construction 9
- Review of Major and Minor Scales 10
 - Major Scales* 10
 - Minor Scales* 11
 - Modal Scales* 13
- Pentatonic Scales 16
 - Major* 17
 - Minor* 17
- Blues Scale 17
- Suggested Exercises and Activities 19

3 CHORD CONSTRUCTION AND NOTATION 21

- Triads 21
 - Major Triads* 22
 - Minor Triads* 22
 - Diminished Triads* 22
 - Augmented Triads* 23
 - Added Extension Tones* 24
- Major Chord Types and Extension Tones 24
- Minor Chord Types and Extension Tones 27
- Dominant 7th Chords and Extension Tones 28
- Diminished 7th Chords 31
- Summary 32
- Suggested Exercises and Activities 33

4 SYMMETRICAL, SYNTHETIC AND HYBRID SCALES 35

- Symmetrical Scales 35
 - Chromatic* 35
 - Whole-Tone* 36
 - Augmented* 36
 - Diminished* 37
- Hybrid, or Synthetic, Scales 38
 - Altered Pentatonics* 38
 - Modes of the Harmonic Minor* 38
 - Modes of the Melodic Minor* 41
 - Harmonic Major Scale and Its Modes* 43
- Summary 45
- Suggested Exercises and Activities 46

5 CHORD/SCALE RELATIONSHIPS AND APPLICATIONS 49

- Major Chord/Scale Combinations 49
- Minor Chord/Scale Combinations 51
- Dominant Chord/Scale Combinations 54
- Diminished Chord Relationships 60
- Summary 61
- Suggested Exercises and Activities 62

6 PRINCIPLES OF MELODIC CONSTRUCTION AND DEVELOPMENT 65

- What Is a Melody? 66
 - Range and Contour* 66
 - Cohesion* 66
 - Rhythm* 66
 - Form* 68
- Techniques of Melodic Manipulation and Development 69
 - Sequence* 69
 - Repetition* 70
 - Rhythmic Variation* 71
- Nonharmonic Tones 73
 - Passing Tone* 75
 - Neighbor Tone* 76
 - Changing Tones* 77
 - Anticipation* 77
 - Appoggiatura* 77
 - Escape Tone* 78
- Summary 78
- Analysis of "Blues for Alice" 81
 - Motivic Development* 81
 - Scale Material* 83
 - Harmonic Substitution/Alteration* 83
 - Reference List* 84
- Suggested Exercises and Activities 84

7 DIATONIC AND CHROMATIC HARMONY 87

- The Roman Numeral System: A Review 87
- Primary and Secondary Root Movements 89
- Major Key Chord Functions, Tendencies, and Progressions 89
- Minor Key Chord Functions, Tendencies, and Progressions 95
- More About ii-V-I Cadences and an Analysis of "Tune Up" 98
- Chromatic Harmony 100
 - Secondary Dominant 7th Chords* 100
 - Altered Dominant 7th Chords* 101
 - Other Chromatic Chords* 101
- Cycles, Turnarounds, and Turnbacks 102
 - Turnarounds That Lead to the I Chord* 102
 - Turnarounds That Lead to the II Chord* 104

Jazz Compositions with Familiar Chord Progressions	105
Summary	106
Analysis of Two Jazz Standards	106
"Prelude to a Kiss"	106
"Giant Steps"	108
Suggested Exercises and Activities	109

8 HARMONIC SUBSTITUTION AND EMBELLISHMENT 111

Mediant and Submediant Substitution	111
Tritone Substitution	114
Adding ii-V's to Progressions	115
Chord Quality Substitution	118
Distant ii-V Relationships and Substitutions	119
<i>The Diminished Cycle</i>	121
<i>Other Substitutes for the V7 Chord</i>	122
<i>Borrowing from the Parallel Major or Minor</i>	122
Replacement or Embellishment of the Tonic	123
Using Substitution Principles Effectively	126
Suggested Exercises and Activities	129

9 INTRODUCTION TO JAZZ KEYBOARD VOICINGS 133

Establishing Basic Chord Voicings	133
<i>Adding the 13th</i>	135
Dense Chords and Voice-Leading Techniques	136
<i>Altered Tones</i>	139
<i>Open and Closed Voicings</i>	139
<i>Suspended Chords and Foreign Bass Notes</i>	141
<i>Modal Voicings and Planing</i>	142
<i>Five- and Six-Note Voicings</i>	143
<i>Triadic Upper Structures in Voicings</i>	144
<i>Basic Comping Rhythms</i>	145
The Blues in Five Voices	145
Suggested Exercises and Activities	145

10 RHYTHM AND METER 149

A Complex Heritage	150
Swing: A Unique and Original Phenomenon	153
African, Afro-Cuban, and Afro-Latin Influences	156

To Swing or Not to Swing	159
<i>Early New Orleans Dixieland</i>	159
<i>Chicago Style</i>	160
<i>Swing</i>	161
<i>Bebop</i>	161
<i>Cool</i>	162
<i>Free Jazz and Fusion</i>	162
Meter	163
Summary	164
Reference List	164

11 THE BLUES: ITS EVOLUTION FROM SIMPLE TO COMPLEX FORMS 167

The Basic Progression	167
Additional Chord Changes and the Final Cadence	169
Bebop and the Introduction of Harmonic Substitution	170
<i>Measures 1 Through 4</i>	171
<i>Measures 5 Through 8</i>	172
<i>The Final Phrase</i>	174
<i>Putting It All Together: "Bird Blues"</i>	175
Minor Blues	176
Other Variations on the Blues Form	177
Compositions Based on the Blues Progression	179
Thelonious Monk's "Straight, No Chaser"	180
Charlie Parker's "Blues for Alice"	181
Suggested Exercises and Activities	184

12 MODAL STRUCTURES 189

Historical Background	189
General Modal Concepts	190
Deriving Harmony from Modes	192
Symbolizing Modality	194
Improvising on Modal Tunes	195
Compositions Based on the Modal Style	198
<i>Miles Davis's "Milestones"</i>	198
<i>Jimmy Heath's "A Sound For Sore Ears"</i>	199
Suggested Exercises and Activities	201

13 RHYTHM CHANGES: THE CLASSIC JAZZ MODEL 203

- The Original Progression: A Place to Begin 203
- A First Set of Harmonic Embellishments 204
 - Measures 1 Through 4: A Simple Embellishment and Substitution* 204
 - Measures 5 and 6: Movement to the IV Chord* 205
- More Variations: A Myriad of Possibilities 207
 - Measures 1 Through 4: Mediant Substitution* 208
 - Adding Diminished 7th Chords* 208
 - Quality and Tritone Substitutions* 209
 - ii-V Cycles* 210
 - Measures 3 Through 6* 211
 - The Bridge* 213
- Other Performance Approaches 216
- Compositions Based on the Rhythm Changes Model 216
 - Sonny Rollins's "Oleo"* 216
 - J. J. Johnson's "Turnpike"* 217
- Suggested Exercises and Activities 219

14 CONTEMPORARY JAZZ COMPOSITION 221

- Free Jazz 221
- Contemporary Compositional Techniques 223
 - Innovations in Form* 223
 - Harmonic Innovations* 224
 - Melodic Innovations* 228
 - Rhythmic Innovations* 232
- Analysis of Two Compositions 234
 - "Broadway Blues" by Ornette Coleman* 234
 - "Dolphin Dance" by Herbie Hancock* 237
- Suggested Exercises and Activities 240

15 SOLVING THE IMPROVISATION MYTH 243

- Cliches, Quotes, and Patterns 244
- Some Thoughts on Practice 247
- Solo Transcriptions 247
 - Cannonball Adderley's Solo on "Milestones"* 248
 - Clark Terry's Solo on "Straight, No Chaser"* 255
 - Don Byas's Solo on "I Got Rhythm"* 259
 - Miles Davis's Solo on "Freedom Jazz Dance"* 270

Listening Habits and Techniques	276
Hints on Transcribing Solos	277
Reference List	278

APPENDICES

1	SOFTWARE DOCUMENTATION FOR NOW HEAR THIS	279
2	MAJOR SCALES	280
3	MAJOR SCALE/MODE SUGGESTED PRACTICE ROUTINE	282
4	SUGGESTED SCALE/MODE PRACTICE PATTERNS	283
5	SYMMETRICAL PATTERNS	287
6	SUGGESTED BOOKS FOR FURTHER REFERENCE AND STUDY	289
	INDEX	293