

# Contents

<b>1</b>	<b>Proto-tonal Theory: Tapping into Ninth-Century Insights . . . . .</b>	<b>1</b>
	References . . . . .	14
<b>Part I Proto-tonality</b>		
<b>2</b>	<b>Preliminaries . . . . .</b>	<b>19</b>
2.1	Descriptive and Explanatory Proto-tonal Adequacy: A Lesson from Linguistics . . . . .	20
2.2	The Communication Principle . . . . .	24
2.3	Three Additional Guiding Ideas . . . . .	26
2.3.1	The Economical Principle . . . . .	26
2.3.2	The Categorical Principle . . . . .	26
2.3.3	The Maximalist Principle . . . . .	27
2.4	Event Sequences . . . . .	28
	References . . . . .	28
<b>3</b>	<b>Communicating Pitches and Transmitting Notes . . . . .</b>	<b>31</b>
3.1	Octave-Endowed Note Systems . . . . .	31
3.2	Bases of the Interval Space . . . . .	35
3.3	Pitch-Communication Systems . . . . .	36
3.4	Absolute, Relative, and Reflexive Pitch Communication . . . . .	45
3.4.1	Two Postscripts . . . . .	48
3.5	Composite Tone Systems . . . . .	50
	References . . . . .	57
<b>4</b>	<b>The Conventional Nomenclatures for Notes and Intervals . . . . .</b>	<b>59</b>
4.1	The Conventional Nomenclatures for Notes and Intervals . . . . .	60
4.2	Staff Notation and Its Idiosyncrasies . . . . .	63

<b>5</b>	<b>Communicating the Primary Intervals</b> . . . . .	67
5.1	Efficient Tone Systems . . . . .	68
5.2	Coherent Tone Systems . . . . .	74
5.3	Categorical Equal Temperament . . . . .	79
	References . . . . .	81
<b>6</b>	<b>Receiving Notes</b> . . . . .	83
6.1	Note Reception: A Lesson by Bartók . . . . .	84
6.2	Note-Reception Systems . . . . .	86
6.3	Proto-diatonic Systems . . . . .	90
6.4	Diatonic Systems . . . . .	93
6.5	Properties of Diatonic Systems . . . . .	98
	References . . . . .	102
<b>7</b>	<b>Harmonic Systems</b> . . . . .	103
7.1	The Grammatical Basis of Harmonic Communication . . . . .	103
7.2	Generic Klang Systems . . . . .	107
7.3	Functional Klangs and Klang Classes . . . . .	110
7.4	Harmonic Systems, Voice-Leading Enabled . . . . .	114
7.5	Efficient Harmonic Systems . . . . .	118
	References . . . . .	125
<b>8</b>	<b>Proto-tonality</b> . . . . .	127
8.1	Proto-tonal Systems . . . . .	127
8.2	Categorical ET: Theory Lagging (Far) Behind Practice? . . . . .	130
8.3	A Possible Alternative to the Theory of Proto-tonal Systems . . . . .	134
	References . . . . .	143
<b>Part II The Languages of Western Tonality</b>		
<b>9</b>	<b>Tonal Preliminaries</b> . . . . .	147
9.1	Dyadic and Triadic Consonance and Stability . . . . .	147
9.2	The Chromatic Content of the Cluster . . . . .	151
	References . . . . .	155
<b>10</b>	<b>Modal Communication</b> . . . . .	157
10.1	Modes, Semi-keys, and Keys . . . . .	157
10.2	Modal Communication Systems . . . . .	162
10.3	Scale Degrees . . . . .	168
10.4	Robust and Semi-robust Communication Systems . . . . .	173
10.5	Congruent and Standard Modes . . . . .	177
	References . . . . .	178
<b>11</b>	<b>Topics in Dyadic and Triadic Theory</b> . . . . .	179
11.1	Glarean, Lippius, and Modal Theory . . . . .	179
11.2	Aspects of Triadic Consonance and Stability . . . . .	182
11.3	Relative and Parallel Triadic Keys . . . . .	183
11.4	Robust Triadic Keys and Schenker's "Mixture" . . . . .	184
	References . . . . .	187

<b>12</b>	<b>Modes, Semi-keys, and Keys: A Reality Check</b> . . . . .	189
12.1	The Octenary Doctrine and the “Reality of Mode” . . . . .	189
12.2	The Seventeenth-Century “Church Keys” as Triadic Semi-keys . . . . .	198
12.3	On the Reality of Triadic Keys . . . . .	204
	References . . . . .	214
<b>13</b>	<b>A Neo-Riepelian Key-Distance Theory</b> . . . . .	217
13.1	Key-Distance Theories of the Eighteenth and Nineteenth Centuries . . . . .	218
13.2	The Krumhansl/Kessler Torus and Its Relation to Weber’s . . . .	224
13.3	A Neo-Riepelian Key-Distance Theory . . . . .	230
	References . . . . .	235
<b>14</b>	<b>Tonal Communication</b> . . . . .	237
14.1	Dyadic and Triadic Heptads . . . . .	238
14.2	Scales and Tonalities . . . . .	244
	References . . . . .	249
<b>15</b>	<b>The Tonal Game</b> . . . . .	251
15.1	The Tonal Game . . . . .	251
15.2	Chopin’s Mazurka, Op. 24, No. 2, and Fétis’s “Tonal Perfection” . . . . .	258
	References . . . . .	263
	<b>Appendix A: Mathematical Preliminaries</b> . . . . .	265
	<b>Appendix B: <math>\mathbb{Z}</math> Modules and Their Homomorphisms</b> . . . . .	269
	<b>Index</b> . . . . .	273

The Languages of Western Tonality

Agmon, E.

2013, XXVII, 280 p. 75 illus., Hardcover

ISBN: 978-3-642-39586-4