

Contents

1. The Perception of Harmonic Patterns in Music	5
1.1 General Notes	5
1.2 Perception of Static Chord Structures	11
1.2.1 Consonance and Dissonance	11
1.2.2 Relationship between Holistic and Analytical	17
1.3 Relationships in Harmonic Movement	24
1.4 Perception of Harmony in the Context of Elements of Music	34
1.5 Conclusions	36
Notes	40
2. Musical Abilities as a Potential to Recognize, Analyze, and Assess Chords and Harmony	47
2.1 Concept of General and Specific Abilities	47
2.1.1 Factorial Concept of Abilities and Musical Abilities	48
2.1.2 Harmonic Abilities and Systematics of Music Abilities	50
2.1.3 Harmonic Abilities Tests and Factor Analysis	51
2.1.4 Harmonic Abilities within a Musical Abilities Systematics	55
2.1.5 Comparison of Definitions of Harmonic Abilities	61
2.2 Structure of Harmonic Abilities	63
2.3 Harmonic Abilities Testing	67
2.3.1 Standardised Tests	69
2.3.2 Unstandardised Tests of Harmonic Abilities	75
2.3.3 Validity and Reliability of the Harmonic Ability Tests	89
2.3.4 Correlation Issues of Harmonic Abilities	95
2.3.5 Intercorrelation Issues of Harmonic Abilities Subtests	96
Notes	98
3. Development of Harmonic Potential	107
3.1 Theoretical Background of Mental Development	107
3.1.1 Influence of Developmental Cognitive Psychology	111
3.1.2 Influence of the Sociocultural Development Theory	116

3.2	Selected Issues of the Harmonic Abilities Development	118
3.3	Development of Harmonic Abilities	121
3.3.1	Tonaly Harmonic and Tonaly Polyphonic Feeling	121
3.3.2	Ability to Recognize Harmonic Intervals and Chords	124
3.3.3	Ability to Recognize Harmonic Homophony and Harmonic Polyphony	137
3.3.4	Ability to Recognize the Harmonic Intervals and Chords in the Musical Space	143
3.3.5	Inter- Key Harmonic and Polyphonic Feeling	145
3.3.6	Feeling of Consonance and Dissonance of Chords and the Chord Connections	146
	3.3.6.1 The Static Chords	147
	3.3.6.2 Diferent Parallel Tonal Areas	154
3.3.7	Ability to Recognize Harmony within a Musical Language	161
	Notes	168
4.	Research on Harmonic Abilities Development	175
4.1	Problem, Objectives and Hypotheses	175
4.2	Methods	176
4.3	Research I	177
4.4	Research II	180
4.5	Research III	182
4.6	Results and Discussion	183
4.7	Conclusion	185
	References	187