

Heptatonix

Das Lexikon der Tonleitern mit 7 Noten

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Einleitung

Der Quellcode zur Erstellung aller Tonleitern, die aus 7 Tönen aufgebaut sind, ist von mir selbst erarbeitet und implementiert worden. Es handelt sich dabei um verschachtelte For-Next-Schleifen. Als Ergebnis liegen 462 Tonleitern vor, die sich zu 66 Tonleitergruppen zusammenfassen lassen. Die hier vorliegende Nummerierung resultiert aus den Programm- und Bearbeitungsabläufen und stellt keine Wertung dar.

In der Spalte 'Name' sind die in der Literatur vorkommenden Tonleiternamen genannt. In der Spalte 'Ableitung' habe ich versucht die Tonleiternamen von einer der Kirchentonleitern abzuleiten.

Um die Intervallstruktur der Tonleitern in ihren Namen besser kenntlich zu machen gelten folgende Vereinbarungen:

Dur	: Skala mit grosser Terz (3)
Moll	: Skala mit kleiner Terz (b3)
Melodisch	: Skala mit grosser Sexte (6)
Harmonisch	: Skala mit kleiner Sexte (b6)
Melodisch Dur	: Skala mit grosser Terz (3) und grosser Sexte (6)
Melodisch Moll	: Skala mit kleiner Terz (b3) und grosser Sexte (6)
Harmonisch Dur	: Skala mit grosser Terz (3) und kleiner Sexte (b6)
Harmonisch Moll	: Skala mit kleiner Terz (b3) und kleiner Sexte (b6)

Jeder I. Modus einer Tonleitergruppe hat eine grosse Septime. Um den Tonleiternamen nicht unnötig zu verlängern, werden nichtalterierte Intervalle (grosse Sekunde [2], reine Quarte [4] und reine Quinte [5]) nicht mitaufgeführt. Demzufolge hätte die Skala Harmonisch Dur b2 b5 die folgenden Intervalle: 1 b2 3 4 b5 b6 7.

Es gibt nur 6 nicht voneinander ableitbare 7-Ton-Skalen, die keine aufeinander folgenden Halbtonschritte, weder innerhalb, noch beim Übergang zur nächsten Oktave, aufweisen.

Dur	Moll
Melodisch	Melodisch
-	Melodisch b5
Harmonisch	Harmonisch
-	Harmonisch b5

Tonleitern

Nr.	Name	Intervalle
[1]	Moll b2 bb3 ##5 #6	1 b2 bb3 bb4 ##5 #6 7
[2]	Moll b2 ###4 ##5 #6	1 b2 b3 ###4 ##5 #6 7
[3]	Dur b2 ###4 ##5 #6	1 b2 3 ###4 ##5 #6 7
[4]	Moll b2 bb3 #6	1 b2 bb3 bb4 5 #6 7
[5]	Moll b2 bb3 #5 #6	1 b2 bb3 bb4 #5 #6 7
[6]	Moll ##4 ##5 #6	1 2 b3 ###4 ##5 #6 7
[7]	Moll b2 ##5 #6	1 b2 b3 4 ##5 #6 7
[8]	Moll b2 #4 ##5 #6	1 b2 b3 #4 ##5 #6 7
[9]	Moll b2 ##4 ##5 #6	1 b2 b3 ##4 ##5 #6 7
[10]	Dur b2 ##5 #6	1 b2 3 4 ##5 #6 7
[11]	Dur b2 #4 ##5 #6	1 b2 3 #4 ##5 #6 7
[12]	Dur b2 ##4 ##5 #6	1 b2 3 ##4 ##5 #6 7
[13]	Harmonisch Moll b2 bb3	1 b2 bb3 bb4 5 b6 7
[14]	Melodisch Moll b2 bb3	1 b2 bb3 bb4 5 6 7
[15]	Melodisch Moll b2 bb3 #5	1 b2 bb3 bb4 #5 6 7
[16]	Dur b2 bb3 bb5 bbb6	1 b2 bb3 b4 bb5 bbb6 7
[17]	Moll ##5 #6	1 2 b3 4 ##5 #6 7
[18]	Moll #4 ##5 #6	1 2 b3 #4 ##5 #6 7
[19]	Moll ##4 ##5 #6	1 2 b3 ##4 ##5 #6 7
[20]	Moll b2 b5 #6	1 b2 b3 4 b5 #6 7
[21]	Moll b2 #6	1 b2 b3 4 5 #6 7
[22]	Moll b2 #5 #6	1 b2 b3 4 #5 #6 7
[23]	Moll b2 #4 #6	1 b2 b3 #4 5 #6 7
[24]	Moll b2 #4 #5 #6	1 b2 b3 #4 #5 #6 7
[25]	Moll b2 ##4 #5 #6	1 b2 b3 ##4 #5 #6 7
[26]	Dur b2 b5 #6	1 b2 3 4 b5 #6 7
[27]	Dur b2 #6	1 b2 3 4 5 #6 7
[28]	Dur b2 #5 #6	1 b2 3 4 #5 #6 7
[29]	Dur b2 #4 #6	1 b2 3 #4 5 #6 7
[30]	Dur b2 #4 #5 #6	1 b2 3 #4 #5 #6 7
[31]	Dur b2 ##4 #5 #6	1 b2 3 ##4 #5 #6 7
[32]	Dur b2 b5 bb6	1 b2 3 4 b5 bb6 7
[33]	Dur b5 bb6	1 2 3 4 b5 bb6 7

Nr.	Name	Intervalle
[34]	Dur ##3 ##4 ##5 #6	1 ##2 ##3 ##4 ##5 #6 7
[35]	Moll b4 bb5 #6	1 2 b3 b4 bb5 #6 7
[36]	Melodisch Moll b2 ##4 #5	1 b2 b3 ##4 #5 6 7
[37]	Melodisch Dur b2 ##4 #5	1 b2 3 ##4 #5 6 7
[38]	Dur ##3 ##4 #5 #6	1 ##2 ##3 ##4 #5 #6 7
[39]	Moll b5 #6	1 2 b3 4 b5 #6 7
[40]	Moll #6	1 2 b3 4 5 #6 7
[41]	Moll #5 #6	1 2 b3 4 #5 #6 7
[42]	Moll #4 #6	1 2 b3 #4 5 #6 7
[43]	Moll #4 #5 #6	1 2 b3 #4 #5 #6 7
[44]	Moll ##4 #5 #6	1 2 b3 ##4 #5 #6 7
[45]	Dur b5 #6	1 2 3 4 b5 #6 7
[46]	Dur #6	1 2 3 4 5 #6 7
[47]	Melodisch Moll b2 b5	1 b2 b3 4 b5 6 7
[48]	Harmonisch Moll b2	1 b2 b3 4 5 b6 7
[49]	Melodisch Moll b2	1 b2 b3 4 5 6 7
[50]	Melodisch Moll b2 #5	1 b2 b3 4 #5 6 7
[51]	Harmonisch Dur b2 b5	1 b2 3 4 b5 b6 7
[52]	Harmonisch Dur b5	1 2 3 4 b5 b6 7
[53]	Melodisch Moll b2 #4 #5	1 b2 b3 #4 #5 6 7
[54]	Melodisch Dur b2 b5	1 b2 3 4 b5 6 7
[55]	Harmonisch Dur b2	1 b2 3 4 5 b6 7
[56]	Melodisch Dur b2	1 b2 3 4 5 6 7
[57]	Melodisch Dur b2 #5	1 b2 3 4 #5 6 7
[58]	Melodisch Dur b5	1 2 3 4 b5 6 7
[59]	Melodisch Dur b2 #4 #5	1 b2 3 #4 #5 6 7
[60]	Moll b5 bb6	1 2 b3 4 b5 bb6 7
[61]	Harmonisch Moll b5	1 2 b3 4 b5 b6 7
[62]	Melodisch Moll b5	1 2 b3 4 b5 6 7
[63]	Harmonisch Moll	1 2 b3 4 5 b6 7
[64]	Melodisch Moll	1 2 b3 4 5 6 7
[65]	Harmonisch Dur	1 2 3 4 5 b6 7
[66]	Melodisch Dur	1 2 3 4 5 6 7

[1] Moll b2 bb3 ##5 #6												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	I. Moll b2 bb3 ##5 #6	1	b2	bb3	bb4	##5	#6	7	Chr	Chr		1 b2 bb3 ##5
II.		1	b2	bb3	###4	##5	#6	7		Chr		1 b2 bb3 ##5
III.		1	b2	###3	###4	##5	#6	7		Chr		1 b2 ###3 ##5
IV.		1	####2	###3	###4	##5	#6	7		Chr		1 ####2 ###3 ##5
V.		1	b2	bb3	bb4	bbb5	bbbb6	bbbbb7	Chr		V	1 b2 bb3 bbb5
VI.		1	b2	bb3	bb4	bbb5	bbbb6	7	Chr			1 b2 bb3 bbb5
VII.		1	b2	bb3	bb4	bbb5	#6	7	Chr			1 b2 bb3 bbb5

Modus	Ableitung	Ganzton-Halbton-Aufbau							4-Klang	Optionen		
I.		1/2	1/2	1/2	3	1/2	1/2	1/2		b9	bb11	#13
II.		1/2	1/2	3	1/2	1/2	1/2	1/2		b9	###11	#13
III.		1/2	3	1/2	1/2	1/2	1/2	1/2		b9	###11	#13
IV.		3	1/2	1/2	1/2	1/2	1/2	1/2	####9	###11		#13
V.		1/2	1/2	1/2	1/2	1/2	1/2	3	b9	bb11		bbbb13
VI.		1/2	1/2	1/2	1/2	1/2	3	1/2	b9	bb11		bbbb13
VII.		1/2	1/2	1/2	1/2	3	1/2	1/2	b9	bb11		#13

[2] Moll b2 ###4 ##5 #6												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	I. Moll b2 ###4 ##5 #6	1	b2	b3	###4	##5	#6	7		Chr		1 b2 b3 ##5
II.		1	2	###3	###4	##5	#6	7		Chr		1 2 ###3 ##5
III.		1	###2	##3	##4	#5	6	b7		Chr b4		1 ###2 ##3 #5
IV.		1	b2	bb3	bb4	bbb5	bbbb6	bbbbb7	Chr		M	1 b2 bb3 bbb5
V.		1	b2	bb3	bb4	bbb5	bbb6	7	Chr		V	1 b2 bb3 bbb5
VI.		1	b2	bb3	bb4	bb5	#6	7	Chr			1 b2 bb3 bb5
VII.		1	b2	bb3	b4	##5	#6	7	Chr b4	Chr		1 b2 bb3 ##5

Modus	Ableitung	Ganzton-Halbton-Aufbau							4-Klang	Optionen		
I.		1/2	1	2 1/2	1/2	1/2	1/2	1/2	mmaj7#5	b9	###11	#13
II.		1	2 1/2	1/2	1/2	1/2	1/2	1/2		9	###11	#13
III.		2 1/2	1/2	1/2	1/2	1/2	1/2	1		###9	##11	13
IV.		1/2	1/2	1/2	1/2	1/2	1	2 1/2		b9	bb11	bbbb13
V.		1/2	1/2	1/2	1/2	1	2 1/2	1/2	mmaj7b5	b9	bb11	bbb13
VI.		1/2	1/2	1/2	1	2 1/2	1/2	1/2		b9	bb11	#13
VII.		1/2	1/2	1	2 1/2	1/2	1/2	1/2		b9	b11	#13

[3] Dur b2 ###4 ##5 #6												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	I. Dur b2 ###4 ##5 #6	1	b2	3	###4	##5	#6	7		Chr	Ü	1 b2 3 ##5
II.		1	#2	###3	###4	##5	#6	7		Chr		1 #2 ###3 ##5
III.		1	##2	#3	#4	5	b6	bb7	HV #3	Chr 4	D/Ü	1 ##2 #3 5
IV.		1	b2	bb3	bb4	bbb5	bbbb6	bbb7	Chr			1 b2 bb3 bbb5
V.		1	b2	bb3	bb4	bbb5	bb6	7	Chr		M	1 b2 bb3 bbb5
VI.		1	b2	bb3	bb4	b5	#6	7	Chr	HV #3	V	1 b2 bb3 b5
VII.		1	b2	bb3	4	##5	#6	7	Chr 4	Chr		1 b2 bb3 ##5

Modus	Ableitung	Ganzton-Halbton-Aufbau							4-Klang	Optionen		
I.		1/2	1 1/2	2	1/2	1/2	1/2	1/2	maj7#5	b9	###11	#13
II.		1 1/2	2	1/2	1/2	1/2	1/2	1/2	mmaj7#5	#9	###11	#13
III.		2	1/2	1/2	1/2	1/2	1/2	1 1/2		##9	#11	b13
IV.		1/2	1/2	1/2	1/2	1/2	1 1/2	2		b9	bb11	bbbb13
V.		1/2	1/2	1/2	1/2	1 1/2	2	1/2	mmaj7	b9	bb11	bb13
VI.		1/2	1/2	1/2	1 1/2	2	1/2	1/2	mmaj7b5	b9	bb11	#13
VII.		1/2	1/2	1 1/2	2	1/2	1/2	1/2		b9	11	#13

[4] Moll b2 bb3 #6												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	I. Moll b2 bb3 #6	1	b2	bb3	bb4	5	#6	7	Chr	D #2 4	M	1 b2 bb3 5
II.		1	b2	bb3	#4	##5	#6	7	Chr #4	Chr		1 b2 bb3 ##5
III.		1	b2	#3	###4	##5	#6	7		Chr		1 b2 #3 ##5
IV.		1	##2	###3	###4	##5	#6	7		Chr	Ü	1 ##2 ###3 ##5
V.		1	#2	3	4	b5	bb6	bbb7	D #2 4	Chr #4	V/HV	1 #2 3 b5
VI.		1	b2	bb3	bb4	bbb5	bbbb6	bb7	Chr			1 b2 bb3 bbb5
VII.		1	b2	bb3	bb4	bbb5	b6	7	Chr		Ü	1 b2 bb3 bbb5

Modus	Ableitung	Ganzton-Halbton-Aufbau							4-Klang	Optionen		
I.		1/2	1/2	1/2	2	1 1/2	1/2	1/2	mmaj7	b9	bb11	#13
II.		1/2	1/2	2	1 1/2	1/2	1/2	1/2		b9	#11	#13
III.		1/2	2	1 1/2	1/2	1/2	1/2	1/2		b9	###11	#13
IV.		2	1 1/2	1/2	1/2	1/2	1/2	1/2	maj7#5	##9	###11	#13
V.		1 1/2	1/2	1/2	1/2	1/2	1/2	2		#9	11	bb13
VI.		1/2	1/2	1/2	1/2	1/2	2	1 1/2		b9	bb11	bbbb13
VII.		1/2	1/2	1/2	1/2	2	1 1/2	1/2	mmaj7#5	b9	bb11	b13

[5] Moll b2 bb3 #5 #6												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	I. Moll b2 bb3 #5 #6	1	b2	bb3	bb4	#5	#6	7	Chr	M 2 b4		1 b2 bb3 #5
II.		1	b2	bb3	###4	##5	#6	7		Chr		1 b2 bb3 ##5
III.		1	b2	##3	###4	##5	#6	7		Chr		1 b2 ##3 ##5
IV.		1	###2	##3	###4	##5	#6	7		Chr		1 ###2 ##3 ##5
V.		1	2	b3	b4	bb5	bbb6	bbb7	M 2 b4		V/HV	1 2 b3 bb5
VI.		1	b2	bb3	bb4	bbb5	bbb6	b7	Chr			1 b2 bb3 bbb5
VII.		1	b2	bb3	bb4	bbb5	6	7	Chr			1 b2 bb3 bbb5

Modus	Ableitung	Ganzton-Halbton-Aufbau							4-Klang	Optionen		
I.		1/2	1/2	1/2	2 1/2	1	1/2	1/2	mmaj7#5	b9	bb11	#13
II.		1/2	1/2	2 1/2	1	1/2	1/2	1/2		b9	##11	#13
III.		1/2	2 1/2	1	1/2	1/2	1/2	1/2		b9	###11	#13
IV.		2 1/2	1	1/2	1/2	1/2	1/2	1/2		###9	###11	#13
V.		1	1/2	1/2	1/2	1/2	1/2	2 1/2		9	b11	bbb13
VI.		1/2	1/2	1/2	1/2	1/2	2 1/2	1		b9	bb11	bbb13
VII.		1/2	1/2	1/2	1/2	2 1/2	1	1/2		b9	bb11	13

[6] Moll ###4 ##5 #6												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	I. Moll ###4 ##5 #6	1	2	b3	###4	##5	#6	7		Chr		1 2 b3 ##5
II.		1	b2	##3	##4	#5	6	b7		Chr b4		1 b2 ##3 #5
III.		1	###2	##3	##4	#5	6	7		M b2 b4		1 ###2 ##3 #5
IV.		1	b2	bb3	bb4	bbb5	bbb6	bbb7	Chr		V/HV	1 b2 bb3 bbb5
V.		1	b2	bb3	bb4	bb5	bbb6	7	Chr		V	1 b2 bb3 bb5
VI.		1	b2	bb3	b4	bb5	#6	7	Chr b4			1 b2 bb3 bb5
VII.		1	b2	b3	b4	##5	#6	7	M b2 b4	Chr		1 b2 b3 ##5

Modus	Ableitung	Ganzton-Halbton-Aufbau							4-Klang	Optionen		
I.		1	1/2	2 1/2	1/2	1/2	1/2	1/2	mmaj7#5	9	###11	#13
II.		1/2	2 1/2	1/2	1/2	1/2	1/2	1		b9	##11	13
III.		2 1/2	1/2	1/2	1/2	1/2	1	1/2		###9	##11	13
IV.		1/2	1/2	1/2	1/2	1	1/2	2 1/2		b9	bb11	bbb13
V.		1/2	1/2	1/2	1	1/2	2 1/2	1/2	mmaj7b5	b9	bb11	bbb13
VI.		1/2	1/2	1	1/2	2 1/2	1/2	1/2		b9	b11	#13
VII.		1/2	1	1/2	2 1/2	1/2	1/2	1/2		b9	b11	#13

[7] Moll b2 ##5 #6												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	I. Dur b2 4 ##5 #6	1	b2	b3	4	##5	#6	7	M b2 4	Chr		1 b2 b3 ##5
II.		1	2	3	##4	##5	#6	7		Chr	Ü	1 2 3 ##5
III.		1	2	##3	##4	#5	6	b7		Chr b4		1 2 ##3 #5
IV.		1	##2	#3	#4	5	b6	b7	HV #3	M b2 4	HV/D	1 ##2 #3 5
V.		1	b2	bb3	bb4	bbb5	bbb6	bbb7	Chr		V/HV	1 b2 bb3 bbb5
VI.		1	b2	bb3	bb4	bb5	bb6	7	Chr		M	1 b2 bb3 bb5
VII.		1	b2	bb3	b4	b5	#6	7	Chr b4	HV #3	HV	1 b2 bb3 b5

Modus	Ableitung	Ganzton-Halbton-Aufbau							4-Klang	Optionen		
I.		1/2	1	1	2	1/2	1/2	1/2		b9	11	#13
II.		1	1	2	1/2	1/2	1/2	1/2	maj7#5	9	##11	#13
III.		1	2	1/2	1/2	1/2	1/2	1		9	##11	13
IV.		2	1/2	1/2	1/2	1/2	1	1	7	##9	#11	b13
V.		1/2	1/2	1/2	1/2	1	1	2		b9	bb11	bbb13
VI.		1/2	1/2	1/2	1	1	2	1/2	mmaj7	b9	bb11	bb13
VII.		1/2	1/2	1	1	2	1/2	1/2	maj7b5	b9	b11	#13

[8] Moll b2 #4 ##5 #6												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	I. Moll b2 #4 ##5 #6	1	b2	b3	#4	##5	#6	7	V b2	Chr	V	1 b2 b3 ##5
II.		1	2	#3	##4	##5	#6	7		Chr		1 2 #3 ##5
III.		1	#2	##3	##4	#5	6	b7		Chr b4	M	1 #2 ##3 #5
IV.		1	#2	3	4	b5	bb6	bb7	D #2 4	V b2	V/HV	1 #2 3 b5
V.		1	b2	bb3	bb4	bbb5	bbb6	bb7	Chr		V/HV	1 b2 bb3 bbb5
VI.		1	b2	bb3	bb4	bb5	b6	7	Chr			1 b2 bb3 bb5
VII.		1	b2	bb3	b4	5	#6	7	Chr b4	D #2 4	D	1 b2 bb3 5

Modus	Ableitung	Ganzton-Halbton-Aufbau							4-Klang	Optionen		
I.		1/2	1	1 1/2	1 1/2	1/2	1/2	1/2	mmaj7b5	b9	#11	#13
II.		1	1 1/2	1 1/2	1/2	1/2	1/2	1/2		9	##11	#13
III.		1 1/2	1 1/2	1/2	1/2	1/2	1/2	1	m7#5	#9	##11	13
IV.		1 1/2	1/2	1/2	1/2	1/2	1	1 1/2		#9	11	bb13
V.		1/2	1/2	1/2	1/2	1	1 1/2	1 1/2		b9	bb11	bbb13
VI.		1/2	1/2	1/2	1	1 1/2	1 1/2	1/2	mmaj7#5	b9	bb11	b13
VII.		1/2	1/2	1	1 1/2	1 1/2	1/2	1/2	maj7	b9	b11	#13

[9] Moll b2 ##4 ##5 #6												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	I. Moll b2 ##4 ##5 #6	1	b2	b3	##4	##5	#6	7		Chr	M	1 b2 b3 ##5
II.		1	2	##3	##4	##5	#6	7		Chr		1 2 ##3 ##5
III.		1	##2	##3	##4	#5	6	b7		Chr b4	Ü	1 ##2 ##3 #5
IV.		1	2	b3	b4	bb5	bbb6	bbb7	M 2 b4		V/HV	1 2 b3 bb5
V.		1	b2	bb3	bb4	bbb5	bbb6	b7	Chr		V/HV	1 b2 bb3 bbb5
VI.		1	b2	bb3	bb4	bb5	6	7	Chr			1 b2 bb3 bb5
VII.		1	b2	bb3	b4	#5	#6	7	Chr b4	M 2 b4	Ü	1 b2 bb3 #5

Modus	Ableitung	Ganzton-Halbton-Aufbau							4-Klang	Optionen		
I.		1/2	1	2	1	1/2	1/2	1/2	mmaj7	b9	##11	#13
II.		1	2	1	1/2	1/2	1/2	1/2		9	###11	#13
III.		2	1	1/2	1/2	1/2	1/2	1	7#5	##9	##11	13
IV.		1	1/2	1/2	1/2	1/2	1	2		9	b11	bbb13
V.		1/2	1/2	1/2	1/2	1	2	1	m7b5	b9	bb11	bbb13
VI.		1/2	1/2	1/2	1	2	1	1/2		b9	bb11	13
VII.		1/2	1/2	1	2	1	1/2	1/2	maj7#5	b9	b11	#13

[10] Dur b2 ##5 #6												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	I. Dur b2 4 ##5 #6	1	b2	3	4	##5	#6	7	D b2 4	Chr		1 b2 3 ##5
II.		1	#2	3	##4	##5	#6	7		Chr	Ü	1 #2 3 ##5
III.		1	b2	#3	#4	5	b6	bb7		Chr 4		1 b2 #3 5
IV.		1	##2	#3	#4	5	b6	7	HV #3	D b2 4	D/Ü	1 ##2 #3 5
V.		1	b2	bb3	bb4	bbb5	bb6	bbb7	Chr		M/D	1 b2 bb3 bbb5
VI.		1	b2	bb3	bb4	b5	bb6	7	Chr		V/M	1 b2 bb3 b5
VII.		1	b2	bb3	4	b5	#6	7	Chr 4	HV #3		1 b2 bb3 b5

Modus	Ableitung	Ganzton-Halbton-Aufbau							4-Klang	Optionen		
I.		1/2	1 1/2	1/2	2	1/2	1/2	1/2		b9	11	#13
II.		1 1/2	1/2	2	1/2	1/2	1/2	1/2	maj7#5	#9	###11	#13
III.		1/2	2	1/2	1/2	1/2	1/2	1 1/2		b9	#11	b13
IV.		2	1/2	1/2	1/2	1/2	1 1/2	1/2	maj7	##9	#11	b13
V.		1/2	1/2	1/2	1/2	1 1/2	1/2	2		b9	bb11	bb13
VI.		1/2	1/2	1/2	1 1/2	1/2	2	1/2	mmaj7b5	b9	bb11	bb13
VII.		1/2	1/2	1 1/2	1/2	2	1/2	1/2		b9	11	#13

[11] Dur b2 #4 ##5 #6												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	I. Dur b2 #4 ##5 #6	1	b2	3	#4	##5	#6	7	HV b2	Chr	HV	1 b2 3 ##5
II.		1	#2	#3	##4	##5	#6	7		Chr		1 #2 #3 ##5
III.		1	2	#3	#4	5	b6	bb7		Chr 4		1 2 #3 5
IV.		1	#2	3	4	b5	bb6	b7	D #2 4	HV b2	V/M/HV/D	1 #2 3 b5
V.		1	b2	bb3	bb4	bbb5	bb6	bb7	Chr			1 b2 bb3 bbb5
VI.		1	b2	bb3	bb4	b5	b6	7	Chr		V	1 b2 bb3 b5
VII.		1	b2	bb3	4	5	#6	7	Chr 4	D #2 4		1 b2 bb3 5

Modus	Ableitung	Ganzton-Halbton-Aufbau							4-Klang	Optionen		
I.		1/2	1 1/2	1	1 1/2	1/2	1/2	1/2	maj7b5	b9	#11	#13
II.		1 1/2	1	1 1/2	1/2	1/2	1/2	1/2	mmaj7#5	#9	###11	#13
III.		1	1 1/2	1/2	1/2	1/2	1/2	1 1/2		9	#11	b13
IV.		1 1/2	1/2	1/2	1/2	1/2	1 1/2	1	7b5	#9	11	bb13
V.		1/2	1/2	1/2	1/2	1 1/2	1	1 1/2		b9	bb11	bb13
VI.		1/2	1/2	1/2	1 1/2	1	1 1/2	1/2	mmaj7b5	b9	bb11	b13
VII.		1/2	1/2	1 1/2	1	1 1/2	1/2	1/2		b9	11	#13

[12] Dur b2 ##4 ##5 #6												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	I. Dur b2 ##4 ##5 #6	1	b2	3	##4	##5	#6	7		Chr	D	1 b2 3 ##5
II.		1	#2	##3	##4	##5	#6	7		Chr	V	1 #2 ##3 ##5
III.		1	#2	#3	#4	5	b6	bb7	HV #3	Chr 4	M	1 #2 #3 5
IV.		1	2	b3	b4	bb5	bbb6	bb7	M 2 b4			1 2 b3 bb5
V.		1	b2	bb3	bb4	bbb5	bb6	b7	Chr		M	1 b2 bb3 bbb5
VI.		1	b2	bb3	bb4	b5	6	7	Chr	HV #3	V	1 b2 bb3 b5
VII.		1	b2	bb3	4	#5	#6	7	Chr 4	M 2 b4		1 b2 bb3 #5

Modus	Ableitung	Ganzton-Halbton-Aufbau							4-Klang	Optionen		
I.		1/2	1 1/2	1 1/2	1	1/2	1/2	1/2	maj7	b9	##11	#13
II.		1 1/2	1 1/2	1	1/2	1/2	1/2	1/2	mmaj7#5	#9	###11	#13
III.		1 1/2	1	1/2	1/2	1/2	1/2	1 1/2		#9	#11	b13
IV.		1	1/2	1/2	1/2	1/2	1 1/2	1 1/2		9	b11	bbb13
V.		1/2	1/2	1/2	1/2	1 1/2	1 1/2	1	m7	b9	bb11	bb13
VI.		1/2	1/2	1/2	1 1/2	1 1/2	1	1/2	mmaj7b5	b9	bb11	13
VII.		1/2	1/2	1 1/2	1 1/2	1	1/2	1/2		b9	11	#13

[13] Harmonisch Moll b2 bb3												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	I. H. M. b2 bb3	1	b2	bb3	bb4	5	b6	7	Chr	D b2 4	M	1 b2 bb3 5
II.		1	b2	bb3	#4	5	#6	7	Chr #4	D #2 4		1 b2 bb3 5
III.		1	b2	#3	#4	##5	#6	7		Chr		1 b2 #3 ##5
IV.		1	##2	#3	###4	##5	#6	7		Chr	Ü	1 ##2 #3 ##5
V.		1	b2	3	4	b5	bb6	bbb7	D b2 4	Chr #4	HV/D	1 b2 3 b5
VI.		1	#2	3	4	b5	bb6	7	D #2 4		HV/D	1 #2 3 b5
VII.		1	b2	bb3	bb4	bbb5	b6	bb7	Chr		Ü	1 b2 bb3 bbb5

Modus	Ableitung	Ganzton-Halbton-Aufbau							4-Klang	Optionen		
I.		1/2	1/2	1/2	2	1/2	1 1/2	1/2	mmaj7	b9	bb11	b13
II.		1/2	1/2	2	1/2	1 1/2	1/2	1/2		b9	#11	#13
III.		1/2	2	1/2	1 1/2	1/2	1/2	1/2		b9	#11	#13
IV.		2	1/2	1 1/2	1/2	1/2	1/2	1/2	maj7#5	##9	###11	#13
V.		1/2	1 1/2	1/2	1/2	1/2	1/2	2		b9	11	bb13
VI.		1 1/2	1/2	1/2	1/2	1/2	2	1/2	maj7b5	#9	11	bb13
VII.		1/2	1/2	1/2	1/2	2	1/2	1 1/2		b9	bb11	b13

[14] Melodisch Moll b2 bb3												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	I. M. M. b2 bb3	1	b2	bb3	bb4	5	6	7	Chr	D 2 4	M	1 b2 bb3 5
II.		1	b2	bb3	#4	#5	#6	7	Chr #4	M 2 b4		1 b2 bb3 #5
III.		1	b2	#3	##4	##5	#6	7		Chr		1 b2 #3 ##5
IV.		1	##2	##3	###4	##5	#6	7		Chr	Ü	1 ##2 ##3 ##5
V.		1	2	3	4	b5	bb6	bbb7	D 2 4	Chr #4	HV	1 2 3 b5
VI.		1	2	b3	b4	bb5	bbb6	b7	M 2 b4		V/HV	1 2 b3 bb5
VII.		1	b2	bb3	bb4	bbb5	b6	b7	Chr			1 b2 bb3 bbb5

Modus	Ableitung	Ganzton-Halbton-Aufbau							4-Klang	Optionen		
I.		1/2	1/2	1/2	2	1	1	1/2	mmaj7	b9	bb11	13
II.		1/2	1/2	2	1	1	1/2	1/2		b9	#11	#13
III.		1/2	2	1	1	1/2	1/2	1/2		b9	##11	#13
IV.		2	1	1	1/2	1/2	1/2	1/2	maj7#5	##9	###11	#13
V.		1	1	1/2	1/2	1/2	1/2	2		9	11	bb13
VI.		1	1/2	1/2	1/2	1/2	2	1	m7b5	9	b11	bbb13
VII.		1/2	1/2	1/2	1/2	2	1	1	m7#5	b9	bb11	b13

[15] Melodisch Moll b2 bb3 #5												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	I. M. M. b2 bb3 #5	1	b2	bb3	bb4	#5	6	7	Chr	M b2 b4		1 b2 bb3 #5
II.		1	b2	bb3	##4	#5	#6	7		M 2 b4		1 b2 bb3 #5
III.		1	b2	##3	##4	##5	#6	7		Chr		1 b2 ##3 ##5
IV.		1	###2	##3	###4	##5	#6	7		Chr		1 ###2 ##3 ##5
V.		1	b2	b3	b4	bb5	bbb6	bbb7	M b2 b4		V/HV	1 b2 b3 bb5
VI.		1	2	b3	b4	bb5	bbb6	7	M 2 b4		V/HV	1 2 b3 bb5
VII.		1	b2	bb3	bb4	bbb5	6	b7	Chr			1 b2 bb3 bbb5

Modus	Ableitung	Ganzton-Halbton-Aufbau							4-Klang	Optionen		
I.		1/2	1/2	1/2	2 1/2	1/2	1	1/2	mmaj7#5	b9	bb11	13
II.		1/2	1/2	2 1/2	1/2	1	1/2	1/2		b9	##11	#13
III.		1/2	2 1/2	1/2	1	1/2	1/2	1/2		b9	##11	#13
IV.		2 1/2	1/2	1	1/2	1/2	1/2	1/2		###9	###11	#13
V.		1/2	1	1/2	1/2	1/2	1/2	2 1/2		b9	b11	bbb13
VI.		1	1/2	1/2	1/2	1/2	2 1/2	1/2	mmaj7b5	9	b11	bbb13
VII.		1/2	1/2	1/2	1/2	2 1/2	1/2	1		b9	bb11	13

[16] Dur b2 bb3 bb5 bbb6												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	I. Dur b2 bb3 bb5 bbb6	1	b2	bb3	b4	bb5	bbb6	7	Chr b4		HV	1 b2 bb3 bb5
II.		1	b2	b3	b4	bb5	#6	7	M b2 b4			1 b2 b3 bb5
III.		1	2	b3	b4	##5	#6	7	M 2 b4	Chr		1 2 b3 ##5
IV.		1	b2	bb3	##4	#5	6	b7		Chr b4		1 b2 bb3 #5
V.		1	b2	##3	##4	#5	6	7		M b2 b4		1 b2 ##3 #5
VI.		1	###2	##3	##4	#5	#6	7		M 2 b4		1 ###2 ##3 #5
VII.		1	b2	bb3	bb4	bb5	bbb6	bbb7	Chr		V	1 b2 bb3 bb5

Modus	Ableitung	Ganzton-Halbton-Aufbau							4-Klang	Optionen		
I.		1/2	1/2	1	1/2	1/2	2 1/2	1/2	maj7b5	b9	b11	bbb13
II.		1/2	1	1/2	1/2	2 1/2	1/2	1/2		b9	b11	#13
III.		1	1/2	1/2	2 1/2	1/2	1/2	1/2		9	b11	#13
IV.		1/2	1/2	2 1/2	1/2	1/2	1/2	1		b9	##11	13
V.		1/2	2 1/2	1/2	1/2	1/2	1	1/2		b9	##11	13
VI.		2 1/2	1/2	1/2	1/2	1	1/2	1/2		###9	##11	#13
VII.		1/2	1/2	1/2	1	1/2	1/2	2 1/2		b9	bb11	bbb13

[17] Moll ##5 #6												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	I. Moll ##5 #6	1	2	b3	4	##5	#6	7	M 2 4	Chr		1 2 b3 ##5
II.		1	b2	b3	##4	#5	6	b7		Chr b4		1 b2 b3 #5
III.		1	2	##3	##4	#5	6	7		M b2 b4		1 2 ##3 #5
IV.		1	##2	#3	#4	5	6	b7	HV #3	M 2 4	D	1 ##2 #3 5
V.		1	b2	bb3	bb4	bb5	bbb6	bbb7	Chr		V	1 b2 bb3 bb5
VI.		1	b2	bb3	b4	bb5	bb6	7	Chr b4		D	1 b2 bb3 bb5
VII.		1	b2	b3	b4	b5	#6	7	M b2 b4	HV #3	V/HV	1 b2 b3 b5

Modus	Ableitung	Ganzton-Halbton-Aufbau							4-Klang	Optionen		
I.		1	1/2	1	2	1/2	1/2	1/2		9	11	#13
II.		1/2	1	2	1/2	1/2	1/2	1	m7#5	b9	##11	13
III.		1	2	1/2	1/2	1/2	1	1/2		9	##11	13
IV.		2	1/2	1/2	1/2	1	1/2	1	7	##9	#11	13
V.		1/2	1/2	1/2	1	1/2	1	2		b9	bb11	bbb13
VI.		1/2	1/2	1	1/2	1	2	1/2	maj7	b9	b11	bb13
VII.		1/2	1	1/2	1	2	1/2	1/2	mmaj7b5	b9	b11	#13

[18] Moll #4 ##5 #6												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	I. Moll #4 ##5 #6	1	2	b3	#4	##5	#6	7	V 2	Chr	V	1 2 b3 ##5
II.		1	b2	3	##4	#5	6	b7		Chr b4	D/Ü	1 b2 3 #5
III.		1	#2	##3	##4	#5	6	7		M b2 b4	M	1 #2 ##3 #5
IV.		1	#2	3	4	b5	b6	bb7	D #2 4	V 2	V/HV	1 #2 3 b5
V.		1	b2	bb3	bb4	bb5	bbb6	bb7	Chr		V	1 b2 bb3 bb5
VI.		1	b2	bb3	b4	bb5	b6	7	Chr b4		Ü	1 b2 bb3 bb5
VII.		1	b2	b3	b4	5	#6	7	M b2 b4	D #2 4	D	1 b2 b3 5

Modus	Ableitung	Ganzton-Halbton-Aufbau							4-Klang	Optionen		
I.		1	1/2	1 1/2	1 1/2	1/2	1/2	1/2	mmaj7b5	9	#11	#13
II.		1/2	1 1/2	1 1/2	1/2	1/2	1/2	1	7#5	b9	##11	13
III.		1 1/2	1 1/2	1/2	1/2	1/2	1	1/2	mmaj7#5	#9	##11	13
IV.		1 1/2	1/2	1/2	1/2	1	1/2	1 1/2		#9	11	b13
V.		1/2	1/2	1/2	1	1/2	1 1/2	1 1/2		b9	bb11	bbb13
VI.		1/2	1/2	1	1/2	1 1/2	1 1/2	1/2	maj7#5	b9	b11	b13
VII.		1/2	1	1/2	1 1/2	1 1/2	1/2	1/2	mmaj7	b9	b11	#13

[19] Moll ##4 ##5 #6												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	I. Moll ##4 ##5 #6	1	2	b3	##4	##5	#6	7		Chr	M	1 2 b3 ##5
II.		1	b2	#3	##4	#5	6	b7		Chr b4		1 b2 #3 #5
III.		1	##2	##3	##4	#5	6	7		M b2 b4	D/Ü	1 ##2 ##3 #5
IV.		1	2	b3	b4	bb5	bb6	bbb7	M 2 b4		M/D	1 2 b3 bb5
V.		1	b2	bb3	bb4	bb5	bbb6	b7	Chr		V	1 b2 bb3 bb5
VI.		1	b2	bb3	b4	bb5	6	7	Chr b4			1 b2 bb3 bb5
VII.		1	b2	b3	b4	#5	#6	7	M b2 b4	M 2 b4	Ü	1 b2 b3 #5

Modus	Ableitung	Ganzton-Halbton-Aufbau							4-Klang	Optionen		
I.		1	1/2	2	1	1/2	1/2	1/2	mmaj7	9	##11	#13
II.		1/2	2	1	1/2	1/2	1/2	1		b9	##11	13
III.		2	1	1/2	1/2	1/2	1	1/2	maj7#5	##9	##11	13
IV.		1	1/2	1/2	1/2	1	1/2	2		9	b11	bb13
V.		1/2	1/2	1/2	1	1/2	2	1	m7b5	b9	bb11	bbb13
VI.		1/2	1/2	1	1/2	2	1	1/2		b9	b11	13
VII.		1/2	1	1/2	2	1	1/2	1/2	mmaj7#5	b9	b11	#13

[20] Moll b2 b5 #6												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	I. Moll b2 b5 #6	1	b2	b3	4	b5	#6	7	M b2 4	HV #3	V	1 b2 b3 b5
II.		1	2	3	4	##5	#6	7	D 2 4	Chr		1 2 3 ##5
III.		1	2	b3	##4	#5	6	b7		Chr b4	M	1 2 b3 #5
IV.		1	b2	#3	#4	5	b6	b7		M b2 4		1 b2 #3 5
V.		1	##2	#3	#4	5	6	7	HV #3	D 2 4	HV/D	1 ##2 #3 5
VI.		1	b2	bb3	bb4	bb5	bb6	bbb7	Chr		M	1 b2 bb3 bb5
VII.		1	b2	bb3	b4	b5	bb6	7	Chr b4		HV/D	1 b2 bb3 b5

Modus	Ableitung	Ganzton-Halbton-Aufbau							4-Klang	Optionen		
I.		1/2	1	1	1/2	2	1/2	1/2	mmaj7b5	b9	11	#13
II.		1	1	1/2	2	1/2	1/2	1/2		9	11	#13
III.		1	1/2	2	1/2	1/2	1/2	1	m7#5	9	##11	13
IV.		1/2	2	1/2	1/2	1/2	1	1		b9	#11	b13
V.		2	1/2	1/2	1/2	1	1	1/2	maj7	##9	#11	13
VI.		1/2	1/2	1/2	1	1	1/2	2		b9	bb11	bb13
VII.		1/2	1/2	1	1	1/2	2	1/2	maj7b5	b9	b11	bb13

[21] Moll b2 #6												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	I. Moll b2 #6	1	b2	b3	4	5	#6	7	M b2 4	D #2 4	M	1 b2 b3 5
II.		1	2	3	#4	##5	#6	7	HV 2	Chr	HV	1 2 3 ##5
III.		1	2	3	##4	#5	6	b7		Chr b4	D/Ü	1 2 3 #5
IV.		1	2	#3	#4	5	b6	b7		M b2 4		1 2 #3 5
V.		1	#2	3	4	b5	b6	b7	D #2 4	HV 2	V/HV/Ü	1 #2 3 b5
VI.		1	b2	bb3	bb4	bb5	bb6	bb7	Chr		M	1 b2 bb3 bb5
VII.		1	b2	bb3	b4	b5	b6	7	Chr b4		HV/Ü	1 b2 bb3 b5

Modus	Ableitung	Ganzton-Halbtton-Aufbau							4-Klang	Optionen		
I.		1/2	1	1	1	1 1/2	1/2	1/2	mmaj7	b9	11	#13
II.		1	1	1	1 1/2	1/2	1/2	1/2	maj7b5	9	#11	#13
III.		1	1	1 1/2	1/2	1/2	1/2	1	7#5	9	##11	13
IV.		1	1 1/2	1/2	1/2	1/2	1	1		9	#11	b13
V.		1 1/2	1/2	1/2	1/2	1	1	1	7b5	#9	11	b13
VI.		1/2	1/2	1/2	1	1	1	1 1/2		b9	bb11	bb13
VII.		1/2	1/2	1	1	1	1 1/2	1/2	maj7b5	b9	b11	b13

[22] Moll b2 #5 #6												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	I. Moll b2 #6	1	b2	b3	4	#5	#6	7	M b2 4	M 2 b4		1 b2 b3 #5
II.		1	2	3	##4	##5	#6	7		Chr	D	1 2 3 ##5
III.		1	2	#3	##4	#5	6	b7		Chr b4		1 2 #3 #5
IV.		1	#2	#3	#4	5	b6	b7	V #3	M b2 4	V/M	1 #2 #3 5
V.		1	2	b3	b4	bb5	bb6	bb7	M 2 b4		M/D	1 2 b3 bb5
VI.		1	b2	bb3	bb4	bb5	bb6	b7	Chr		M	1 b2 bb3 bb5
VII.		1	b2	bb3	b4	b5	6	7	Chr b4	V #3	HV	1 b2 bb3 b5

Modus	Ableitung	Ganzton-Halbtton-Aufbau							4-Klang	Optionen		
I.		1/2	1	1	1 1/2	1	1/2	1/2	mmaj7#5	b9	11	#13
II.		1	1	1 1/2	1	1/2	1/2	1/2	maj7	9	##11	#13
III.		1	1 1/2	1	1/2	1/2	1/2	1		9	##11	13
IV.		1 1/2	1	1/2	1/2	1/2	1	1	m7	#9	#11	b13
V.		1	1/2	1/2	1/2	1	1	1 1/2		9	b11	bb13
VI.		1/2	1/2	1/2	1	1	1 1/2	1	m7	b9	bb11	bb13
VII.		1/2	1/2	1	1	1 1/2	1	1/2	maj7b5	b9	b11	13

[23] Moll b2 #4 #6												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	I. Moll b2 #4 #6	1	b2	b3	#4	5	#6	7	V b2	D #2 4	M	1 b2 b3 5
II.		1	2	#3	#4	##5	#6	7		Chr		1 2 #3 ##5
III.		1	#2	3	##4	#5	6	b7		Chr b4	M/D/Ü	1 #2 3 #5
IV.		1	b2	3	4	b5	bb6	bb7	D b2 4	V b2	HVD	1 b2 3 b5
V.		1	#2	3	4	b5	b6	7	D #2 4		V/HV/Ü	1 #2 3 b5
VI.		1	b2	bb3	bb4	bb5	b6	bb7	Chr			1 b2 bb3 bb5
VII.		1	b2	bb3	b4	5	b6	7	Chr b4	D b2 4	D/Ü	1 b2 bb3 5

Modus	Ableitung	Ganzton-Halbton-Aufbau							4-Klang	Optionen		
I.		1/2	1	1 1/2	1/2	1 1/2	1/2	1/2	mmaj7	b9	#11	#13
II.		1	1 1/2	1/2	1 1/2	1/2	1/2	1/2		9	#11	#13
III.		1 1/2	1/2	1 1/2	1/2	1/2	1/2	1	7#5	#9	##11	13
IV.		1/2	1 1/2	1/2	1/2	1/2	1	1 1/2		b9	11	bb13
V.		1 1/2	1/2	1/2	1/2	1	1 1/2	1/2	maj7b5	#9	11	b13
VI.		1/2	1/2	1/2	1	1 1/2	1/2	1 1/2		b9	bb11	b13
VII.		1/2	1/2	1	1 1/2	1/2	1 1/2	1/2	maj7	b9	b11	b13

[24] Moll b2 #4 #5 #6												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	I. Moll b2 #4 #5 #6	1	b2	b3	#4	#5	#6	7	V b2	M 2 b4	V	1 b2 b3 #5
II.		1	2	#3	##4	##5	#6	7		Chr		1 2 #3 ##5
III.		1	#2	#3	##4	#5	6	b7		Chr b4	M	1 #2 #3 #5
IV.		1	2	3	4	b5	bb6	bb7	D 2 4	V b2	HV	1 2 3 b5
V.		1	2	b3	b4	bb5	bb6	b7	M 2 b4		M/D	1 2 b3 bb5
VI.		1	b2	bb3	bb4	bb5	b6	b7	Chr			1 b2 bb3 bb5
VII.		1	b2	bb3	b4	5	6	7	Chr b4	D 2 4	D	1 b2 bb3 5

Modus	Ableitung	Ganzton-Halbton-Aufbau							4-Klang	Optionen		
I.		1/2	1	1 1/2	1	1	1/2	1/2	mmaj7#5	b9	#11	#13
II.		1	1 1/2	1	1	1/2	1/2	1/2		9	##11	#13
III.		1 1/2	1	1	1/2	1/2	1/2	1	m7#5	#9	##11	13
IV.		1	1	1/2	1/2	1/2	1	1 1/2		9	11	bb13
V.		1	1/2	1/2	1/2	1	1 1/2	1	m7	9	b11	bb13
VI.		1/2	1/2	1/2	1	1 1/2	1	1	m7#5	b9	bb11	b13
VII.		1/2	1/2	1	1 1/2	1	1	1/2	maj7	b9	b11	13

[25] Moll b2 ##4 #5 #6												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	I. Moll b2 ##4 #5 #6	1	b2	b3	##4	#5	#6	7		M 2 b4	M	1 b2 b3 #5
II.		1	2	##3	##4	##5	#6	7		Chr		1 2 ##3 ##5
III.		1	##2	#3	##4	#5	6	b7		Chr b4	D/Ü	1 ##2 #3 #5
IV.		1	b2	b3	b4	bb5	bbb6	bbb7	M b2 b4		V/HV	1 b2 b3 bb5
V.		1	2	b3	b4	bb5	bb6	7	M 2 b4		M/D	1 2 b3 bb5
VI.		1	b2	bb3	bb4	bb5	6	b7	Chr			1 b2 bb3 bb5
VII.		1	b2	bb3	b4	#5	6	7	Chr b4	M b2 b4	Ü	1 b2 bb3 #5

Modus	Ableitung	Ganzton-Halbton-Aufbau							4-Klang	Optionen		
I.		1/2	1	2	1/2	1	1/2	1/2	mmaj7#5	b9	##11	#13
II.		1	2	1/2	1	1/2	1/2	1/2		9	##11	#13
III.		2	1/2	1	1/2	1/2	1/2	1	7#5	##9	##11	13
IV.		1/2	1	1/2	1/2	1/2	1	2		b9	b11	bbb13
V.		1	1/2	1/2	1/2	1	2	1/2	mmaj7	9	b11	bb13
VI.		1/2	1/2	1/2	1	2	1/2	1		b9	bb11	13
VII.		1/2	1/2	1	2	1/2	1	1/2	maj7#5	b9	b11	13

[26] Dur b2 b5 #6												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	I. Moll b2 ##4 #5 #6	1	b2	3	4	b5	#6	7	D b2 4	HV #3	HV	1 b2 3 b5
II.		1	#2	3	4	##5	#6	7	D #2 4	Chr		1 #2 3 ##5
III.		1	b2	bb3	#4	5	b6	bb7	Chr #4	Chr 4		1 b2 bb3 5
IV.		1	b2	#3	#4	5	b6	7		D b2 4		1 b2 #3 5
V.		1	##2	#3	#4	5	#6	7	HV #3	D #2 4	D	1 ##2 #3 5
VI.		1	b2	bb3	bb4	b5	bb6	bbb7	Chr	Chr #4	V/M	1 b2 bb3 b5
VII.		1	b2	bb3	4	b5	bb6	7	Chr 4			1 b2 bb3 b5

Modus	Ableitung	Ganzton-Halbton-Aufbau							4-Klang	Optionen		
I.		1/2	1 1/2	1/2	1/2	2	1/2	1/2	maj7b5	b9	11	#13
II.		1 1/2	1/2	1/2	2	1/2	1/2	1/2		#9	11	#13
III.		1/2	1/2	2	1/2	1/2	1/2	1 1/2		b9	#11	b13
IV.		1/2	2	1/2	1/2	1/2	1 1/2	1/2		b9	#11	b13
V.		2	1/2	1/2	1/2	1 1/2	1/2	1/2	maj7	##9	#11	#13
VI.		1/2	1/2	1/2	1 1/2	1/2	1/2	2		b9	bb11	bb13
VII.		1/2	1/2	1 1/2	1/2	1/2	2	1/2		b9	11	bb13

[27] Dur b2 #6												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	I. Dur b2 #6	1	b2	3	4	5	#6	7	D b2 4	D #2 4	D	1 b2 3 5
II.		1	#2	3	#4	##5	#6	7	HV #2	Chr	V/HV	1 #2 3 ##5
III.		1	b2	b3	#4	5	b6	bb7	V b2	Chr 4	V/M	1 b2 b3 5
IV.		1	2	#3	#4	5	b6	7		D b2 4		1 2 #3 5
V.		1	#2	3	4	b5	6	b7	D #2 4	HV #2	V/HV	1 #2 3 b5
VI.		1	b2	bb3	bb4	b5	bb6	bb7	Chr	V b2	V/M	1 b2 bb3 b5
VII.		1	b2	bb3	4	b5	b6	7	Chr 4			1 b2 bb3 b5

Modus	Ableitung	Ganzton-Halbton-Aufbau							4-Klang	Optionen		
I.		1/2	1 1/2	1/2	1	1 1/2	1/2	1/2	maj7	b9	11	#13
II.		1 1/2	1/2	1	1 1/2	1/2	1/2	1/2	maj7b5	#9	#11	#13
III.		1/2	1	1 1/2	1/2	1/2	1/2	1 1/2		b9	#11	b13
IV.		1	1 1/2	1/2	1/2	1/2	1 1/2	1/2		9	#11	b13
V.		1 1/2	1/2	1/2	1/2	1 1/2	1/2	1	7b5	#9	11	13
VI.		1/2	1/2	1/2	1 1/2	1/2	1	1 1/2		b9	bb11	bb13
VII.		1/2	1/2	1 1/2	1/2	1	1 1/2	1/2		b9	11	b13

[28] Dur b2 #5 #6												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	I. Dur b2 #5 #6	1	b2	3	4	#5	#6	7	D b2 4	M 2 b4	Ü	1 b2 3 #5
II.		1	#2	3	##4	##5	#6	7		Chr	M/D	1 #2 3 ##5
III.		1	b2	3	#4	5	b6	bb7	HV b2	Chr 4	HV/D/Ü	1 b2 3 5
IV.		1	#2	#3	#4	5	b6	7	HV #3	D b2 4	V/M	1 #2 #3 5
V.		1	2	b3	b4	bb5	b6	bb7	M 2 b4		Ü	1 2 b3 bb5
VI.		1	b2	bb3	bb4	b5	bb6	b7	Chr	HV b2	V/M	1 b2 bb3 b5
VII.		1	b2	bb3	4	b5	6	7	Chr 4	HV #3		1 b2 bb3 b5

Modus	Ableitung	Ganzton-Halbton-Aufbau							4-Klang	Optionen		
I.		1/2	1 1/2	1/2	1 1/2	1	1/2	1/2	maj7#5	b9	11	#13
II.		1 1/2	1/2	1 1/2	1	1/2	1/2	1/2	maj7	#9	##11	#13
III.		1/2	1 1/2	1	1/2	1/2	1/2	1 1/2		b9	#11	b13
IV.		1 1/2	1	1/2	1/2	1/2	1 1/2	1/2	mmaj7	#9	#11	b13
V.		1	1/2	1/2	1/2	1 1/2	1/2	1 1/2		9	b11	b13
VI.		1/2	1/2	1/2	1 1/2	1/2	1 1/2	1	m7b5	b9	bb11	bb13
VII.		1/2	1/2	1 1/2	1/2	1 1/2	1	1/2		b9	11	13

[29] Dur b2 #4 #6												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	I. Dur b2 #4 #6	1	b2	3	#4	5	#6	7	HV b2	D #2 4	HV/D	1 b2 3 5
II.		1	#2	#3	#4	##5	#6	7	HV #3	Chr	V	1 #2 #3 ##5
III.		1	2	b3	#4	5	b6	bb7	V 2	Chr 4	V/M	1 2 b3 5
IV.		1	b2	3	4	b5	bb6	b7	D b2 4	HV b2	HV/D	1 b2 3 b5
V.		1	#2	3	4	b5	6	7	D #2 4	HV #3	V/HV	1 #2 3 b5
VI.		1	b2	bb3	bb4	b5	b6	bb7	Chr	V 2	V	1 b2 bb3 b5
VII.		1	b2	bb3	4	5	b6	7	Chr 4	D b2 4		1 b2 bb3 5

Modus	Ableitung	Ganzton-Halbton-Aufbau							4-Klang	Optionen		
I.		1/2	1 1/2	1	1/2	1 1/2	1/2	1/2	maj7	b9	#11	#13
II.		1 1/2	1	1/2	1 1/2	1/2	1/2	1/2	mmaj7b5	#9	#11	#13
III.		1	1/2	1 1/2	1/2	1/2	1/2	1 1/2		9	#11	b13
IV.		1/2	1 1/2	1/2	1/2	1/2	1 1/2	1	7b5	b9	11	bb13
V.		1 1/2	1/2	1/2	1/2	1 1/2	1	1/2	maj7b5	#9	11	13
VI.		1/2	1/2	1/2	1 1/2	1	1/2	1 1/2		b9	bb11	b13
VII.		1/2	1/2	1 1/2	1	1/2	1 1/2	1/2		b9	11	b13

[30] Dur b2 #4 #5 #6												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	I. Dur b2 #4 #5 #6	1	b2	3	#4	#5	#6	7	HV b2	M 2 b4	HV/Ü	1 b2 3 #5
II.		1	#2	#3	##4	##5	#6	7		Chr	M	1 #2 #3 ##5
III.		1	2	3	#4	5	b6	bb7	HV 2	Chr 4	HV/D/Ü	1 2 3 5
IV.		1	2	3	4	b5	bb6	b7	D 2 4	HV b2	HV/D	1 2 3 b5
V.		1	2	b3	b4	bb5	b6	b7	M 2 b4		Ü	1 2 b3 bb5
VI.		1	b2	bb3	bb4	b5	b6	b7	Chr	HV 2	V	1 b2 bb3 b5
VII.		1	b2	bb3	4	5	6	7	Chr 4	D 2 4		1 b2 bb3 5

Modus	Ableitung	Ganzton-Halbton-Aufbau							4-Klang	Optionen		
I.		1/2	1 1/2	1	1	1	1/2	1/2	maj7#5	b9	#11	#13
II.		1 1/2	1	1	1	1/2	1/2	1/2	mmaj7	#9	##11	#13
III.		1	1	1	1/2	1/2	1/2	1 1/2		9	#11	b13
IV.		1	1	1/2	1/2	1/2	1 1/2	1	7b5	9	11	bb13
V.		1	1/2	1/2	1/2	1 1/2	1	1	m7#5	9	b11	b13
VI.		1/2	1/2	1/2	1 1/2	1	1	1	m7b5	b9	bb11	b13
VII.		1/2	1/2	1 1/2	1	1	1	1/2		b9	11	13

[31] Dur b2 ##4 #5 #6												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	I. Dur b2 ##4 #5 #6	1	b2	3	##4	#5	#6	7		M 2 b4	D/Ü	1 b2 3 #5
II.		1	#2	##3	##4	##5	#6	7		Chr	M	1 #2 ##3 ##5
III.		1	#2	3	#4	5	b6	bb7	HV #2	Chr 4	M/D/Ü	1 #2 3 5
IV.		1	b2	b3	b4	bb5	bbb6	bb7	M b2 b4		V/HV	1 b2 b3 bb5
V.		1	2	b3	b4	bb5	b6	7	M 2 b4		Ü	1 2 b3 bb5
VI.		1	b2	bb3	bb4	b5	6	b7	Chr	HV #2	V	1 b2 bb3 b5
VII.		1	b2	bb3	4	#5	6	7	Chr 4	M b2 b4		1 b2 bb3 #5

Modus	Ableitung	Ganzton-Halbton-Aufbau							4-Klang	Optionen		
I.		1/2	1 1/2	1 1/2	1/2	1	1/2	1/2	maj7#5	b9	##11	#13
II.		1 1/2	1 1/2	1/2	1	1/2	1/2	1/2	mmaj7	#9	##11	#13
III.		1 1/2	1/2	1	1/2	1/2	1/2	1 1/2		#9	#11	b13
IV.		1/2	1	1/2	1/2	1/2	1 1/2	1 1/2		b9	b11	bbb13
V.		1	1/2	1/2	1/2	1 1/2	1 1/2	1/2	mmaj7#5	9	b11	b13
VI.		1/2	1/2	1/2	1 1/2	1 1/2	1/2	1	m7b5	b9	bb11	13
VII.		1/2	1/2	1 1/2	1 1/2	1/2	1	1/2		b9	11	13

[32] Dur b2 b5 bb6												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	I. Dur b2 b5 bb6	1	b2	3	4	b5	bb6	7	D b2 4		HV/D	1 b2 3 b5
II.		1	#2	3	4	b5	#6	7	D #2	HV #3	V/HV	1 #2 3 b5
III.		1	b2	bb3	bb4	5	b6	bb7	Chr	Chr 4	M	1 b2 bb3 5
IV.		1	b2	bb3	#4	5	b6	7	Chr #4	D b2 4		1 b2 bb3 5
V.		1	b2	#3	#4	5	#6	7		D #2		1 b2 #3 5
VI.		1	##2	#3	#4	##5	#6	7	HV #3	Chr	HV	1 ##2 #3 ##5
VII.		1	b2	bb3	4	b5	bb6	bbb7	Chr 4	Chr #4		1 b2 bb3 b5

Modus	Ableitung	Ganzton-Halbton-Aufbau							4-Klang	Optionen		
I.		1/2	1 1/2	1/2	1/2	1/2	2	1/2	maj7b5	b9	11	bb13
II.		1 1/2	1/2	1/2	1/2	2	1/2	1/2	maj7b5	#9	11	#13
III.		1/2	1/2	1/2	2	1/2	1/2	1 1/2		b9	bb11	b13
IV.		1/2	1/2	2	1/2	1/2	1 1/2	1/2		b9	#11	b13
V.		1/2	2	1/2	1/2	1 1/2	1/2	1/2		b9	#11	#13
VI.		2	1/2	1/2	1 1/2	1/2	1/2	1/2	maj7b5	##9	#11	#13
VII.		1/2	1/2	1 1/2	1/2	1/2	1/2	2		b9	11	bb13

[33] Dur b5 bb6												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	I. Dur b5 bb6	1	2	3	4	b5	bb6	7	D 2 4		HV	1 2 3 b5
II.		1	2	b3	b4	bb5	6	b7	M 2 b4			1 2 b3 bb5
III.		1	b2	bb3	bb4	5	b6	b7	Chr	M b2 4	M	1 b2 bb3 5
IV.		1	b2	bb3	#4	5	6	7	Chr #4	D 2 4		1 b2 bb3 5
V.		1	b2	#3	#4	#5	#6	7		M 2 b4		1 b2 #3 #5
VI.		1	##2	#3	##4	##5	#6	7		Chr	D	1 ##2 #3 ##5
VII.		1	b2	b3	4	b5	bb6	bbb7	M b2 4	Chr #4	V/M	1 b2 b3 b5

Modus	Ableitung	Ganzton-Halbton-Aufbau							4-Klang	Optionen		
I.		1	1	1/2	1/2	1/2	2	1/2	maj7b5	9	11	bb13
II.		1	1/2	1/2	1/2	2	1/2	1		9	b11	13
III.		1/2	1/2	1/2	2	1/2	1	1	m7	b9	bb11	b13
IV.		1/2	1/2	2	1/2	1	1	1/2		b9	#11	13
V.		1/2	2	1/2	1	1	1/2	1/2		b9	#11	#13
VI.		2	1/2	1	1	1/2	1/2	1/2	maj7	##9	##11	#13
VII.		1/2	1	1	1/2	1/2	1/2	2		b9	11	bb13

[34] Dur ##3 ##4 ##5 #6												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	I. Dur ##3 ##4 ##5 #6	1	##2	##3	##4	##5	#6	7		Chr	D	1 ##2 ##3 ##5
II.		1	2	b3	4	b5	bb6	bbb7	M 2 4	Chr #4	V/M	1 2 b3 b5
III.		1	b2	b3	b4	bb5	bbb6	b7	M b2 b4		V/HV	1 b2 b3 bb5
IV.		1	2	b3	b4	bb5	6	7	M 2 b4			1 2 b3 bb5
V.		1	b2	bb3	bb4	5	6	b7	Chr	M 2 4	M	1 b2 bb3 5
VI.		1	b2	bb3	#4	#5	6	7	Chr #4	M b2 b4		1 b2 bb3 #5
VII.		1	b2	#3	##4	#5	#6	7		M 2 b4		1 b2 #3 #5

Modus	Ableitung	Ganzton-Halbton-Aufbau							4-Klang	Optionen		
I.		2	1	1/2	1	1/2	1/2	1/2	maj7	##9	##11	#13
II.		1	1/2	1	1/2	1/2	1/2	2		9	11	bb13
III.		1/2	1	1/2	1/2	1/2	2	1	m7b5	b9	b11	bbb13
IV.		1	1/2	1/2	1/2	2	1	1/2		9	b11	13
V.		1/2	1/2	1/2	2	1	1/2	1	m7	b9	bb11	13
VI.		1/2	1/2	2	1	1/2	1	1/2		b9	#11	13
VII.		1/2	2	1	1/2	1	1/2	1/2		b9	##11	#13

[35] Moll b4 bb5 #6												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	I. Moll b4 bb5 #6	1	2	b3	b4	bb5	#6	7	M 2 b4			1 2 b3 bb5
II.		1	b2	bb3	bb4	#5	6	b7	Chr	Chr b4		1 b2 bb3 #5
III.		1	b2	bb3	##4	#5	6	7		M b2 b4		1 b2 bb3 #5
IV.		1	b2	##3	##4	#5	#6	7		M 2 b4		1 b2 ##3 #5
V.		1	###2	##3	##4	##5	#6	7		Chr		1 ###2 ##3 ##5
VI.		1	b2	bb3	b4	bb5	bbb6	bbb7	Chr b4		HV/D	1 b2 bb3 bb5
VII.		1	b2	b3	b4	bb5	bbb6	7	M b2 b4		HV	1 b2 b3 bb5

Modus	Ableitung	Ganzton-Halbton-Aufbau							4-Klang	Optionen		
I.		1	1/2	1/2	1/2	2 1/2	1/2	1/2		9	b11	#13
II.		1/2	1/2	1/2	2 1/2	1/2	1/2	1	m7#5	b9	bb11	13
III.		1/2	1/2	2 1/2	1/2	1/2	1	1/2		b9	##11	13
IV.		1/2	2 1/2	1/2	1/2	1	1/2	1/2		b9	##11	#13
V.		2 1/2	1/2	1/2	1	1/2	1/2	1/2		###9	##11	#13
VI.		1/2	1/2	1	1/2	1/2	1/2	2 1/2		b9	b11	bbb13
VII.		1/2	1	1/2	1/2	1/2	2 1/2	1/2	mmaj7b5	b9	b11	bbb13

[36] Melodisch Moll b2 ##4 #5												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	I. M.M. b2 ##4 #5	1	b2	b3	##4	#5	6	7		M b2 b4	M	1 b2 b3 #5
II.		1	2	##3	##4	#5	#6	7		M 2 b4		1 2 ##3 #5
III.		1	##2	#3	#4	#5	6	b7	HV #3	Chr b4	HV/Ü	1 ##2 #3 #5
IV.		1	b2	bb3	b4	bb5	bbb6	bbb7	Chr b4		HV/Ü	1 b2 bb3 bb5
V.		1	b2	b3	b4	bb5	bb6	7	M b2 b4		M/D	1 b2 b3 bb5
VI.		1	2	b3	b4	b5	#6	7	M 2 b4	HV #3	V/HV	1 2 b3 b5
VII.		1	b2	bb3	b4	#5	6	b7	Chr b4	Chr b4	Ü	1 b2 bb3 #5

Modus	Ableitung	Ganzton-Halbton-Aufbau							4-Klang	Optionen		
I.		1/2	1	2	1/2	1/2	1	1/2	mmaj7#5	b9	##11	13
II.		1	2	1/2	1/2	1	1/2	1/2		9	##11	#13
III.		2	1/2	1/2	1	1/2	1/2	1	7#5	##9	#11	13
IV.		1/2	1/2	1	1/2	1/2	1	2		b9	b11	bbb13
V.		1/2	1	1/2	1/2	1	2	1/2	mmaj7	b9	b11	bb13
VI.		1	1/2	1/2	1	2	1/2	1/2	mmaj7b5	9	b11	#13
VII.		1/2	1/2	1	2	1/2	1/2	1	7#5	b9	b11	13

[37] Melodisch Dur b2 ##4 #5												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	I. M. D. b2 ##4 #5	1	b2	3	##4	#5	6	7		M b2 b4	D/Ü	1 b2 3 #5
II.		1	#2	##3	##4	#5	#6	7		M 2 b4	M	1 #2 ##3 #5
III.		1	#2	3	4	5	b6	bb7	D #2 4	Chr 4	M/D/Ü	1 #2 3 5
IV.		1	b2	bb3	b4	bb5	bbb6	bb7	Chr b4		HV	1 b2 bb3 bb5
V.		1	b2	b3	b4	bb5	b6	7	M b2 b4		Ü	1 b2 b3 bb5
VI.		1	2	b3	b4	5	#6	7	M 2 b4	D #2 4	M/D	1 2 b3 5
VII.		1	b2	bb3	4	#5	6	b7	Chr 4	Chr b4		1 b2 bb3 #5

Modus	Ableitung	Ganzton-Halbton-Aufbau							4-Klang	Optionen		
I.		1/2	1 1/2	1 1/2	1/2	1/2	1	1/2	maj7#5	b9	##11	13
II.		1 1/2	1 1/2	1/2	1/2	1	1/2	1/2	mmaj7#5	#9	##11	#13
III.		1 1/2	1/2	1/2	1	1/2	1/2	1 1/2		#9	11	b13
IV.		1/2	1/2	1	1/2	1/2	1 1/2	1 1/2		b9	b11	bbb13
V.		1/2	1	1/2	1/2	1 1/2	1 1/2	1/2	mmaj7#5	b9	b11	b13
VI.		1	1/2	1/2	1 1/2	1 1/2	1/2	1/2	mmaj7	9	b11	#13
VII.		1/2	1/2	1 1/2	1 1/2	1/2	1/2	1		b9	11	13

[38] Dur ##3 ##4 #5 #6												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	I. Dur ##3 ##4 #5 #6	1	##2	##3	##4	#5	#6	7		M 2 b4	D/Ü	1 ##2 ##3 #5
II.		1	2	b3	b4	b5	bb6	bbb7	M 2 b4	Chr #4	V/M/HV/D	1 2 b3 b5
III.		1	b2	bb3	b4	bb5	bbb6	b7	Chr b4		HV	1 b2 bb3 bb5
IV.		1	b2	b3	b4	bb5	6	7	M b2 b4			1 b2 b3 bb5
V.		1	2	b3	b4	#5	#6	7	M 2 b4	M 2 b4	Ü	1 2 b3 #5
VI.		1	b2	bb3	#4	#5	6	b7	Chr #4	Chr b4		1 b2 bb3 #5
VII.		1	b2	#3	##4	#5	6	7		M b2 b4		1 b2 #3 #5

Modus	Ableitung	Ganzton-Halbton-Aufbau							4-Klang	Optionen		
I.		2	1	1/2	1/2	1	1/2	1/2	maj7#5	##9	##11	#13
II.		1	1/2	1/2	1	1/2	1/2	2		9	b11	bb13
III.		1/2	1/2	1	1/2	1/2	2	1	7b5	b9	b11	bbb13
IV.		1/2	1	1/2	1/2	2	1	1/2		b9	b11	13
V.		1	1/2	1/2	2	1	1/2	1/2	mmaj7#5	9	b11	#13
VI.		1/2	1/2	2	1	1/2	1/2	1		b9	#11	13
VII.		1/2	2	1	1/2	1/2	1	1/2		b9	##11	13

[39] Moll b5 #6												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	I. Moll b5 #6	1	2	b3	4	b5	#6	7	M 2 4	HV #3	V	1 2 b3 b5
II.		1	b2	b3	b4	#5	6	b7	M b2 b4	Chr b4	Ü	1 b2 b3 #5
III.		1	2	b3	##4	#5	6	7		M b2 b4		1 2 b3 #5
IV.		1	b2	#3	#4	5	6	b7		M 2 4		1 b2 #3 5
V.		1	##2	#3	#4	#5	6	7	HV #3	M b2 b4	HV/Ü	1 ##2 #3 #5
VI.		1	b2	bb3	b4	bb5	bb6	bbb7	Chr b4		D/Ü	1 b2 bb3 bb5
VII.		1	b2	b3	b4	b5	bb6	7	M b2 b4		V/M/HV/D	1 b2 b3 b5

Modus	Ableitung	Ganzton-Halbtton-Aufbau							4-Klang	Optionen		
I.		1	1/2	1	1/2	2	1/2	1/2	mmaj7b5	9	11	#13
II.		1/2	1	1/2	2	1/2	1/2	1	m7#5	b9	b11	13
III.		1	1/2	2	1/2	1/2	1	1/2	mmaj7#5	9	##11	13
IV.		1/2	2	1/2	1/2	1	1/2	1		b9	#11	13
V.		2	1/2	1/2	1	1/2	1	1/2	maj7#5	##9	#11	13
VI.		1/2	1/2	1	1/2	1	1/2	2		b9	b11	bb13
VII.		1/2	1	1/2	1	1/2	2	1/2	mmaj7b5	b9	b11	bb13

[40] Moll #6												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	I. Moll #6	1	2	b3	4	5	#6	7	M 2 4	D #2 4	M	1 2 b3 5
II.		1	b2	b3	4	#5	6	b7	M b2 4	Chr b4		1 b2 b3 #5
III.		1	2	3	##4	#5	6	7		M b2 b4	D/Ü	1 2 3 #5
IV.		1	2	#3	#4	5	6	b7		M 2 4		1 2 #3 5
V.		1	#2	3	4	5	b6	b7	D #2 4	M b2 4	M/D/Ü	1 #2 3 5
VI.		1	b2	bb3	b4	bb5	bb6	bb7	Chr b4		D	1 b2 bb3 bb5
VII.		1	b2	b3	b4	b5	b6	7	M b2 b4		V/HV/D	1 b2 b3 b5

Modus	Ableitung	Ganzton-Halbtton-Aufbau							4-Klang	Optionen		
I.		1	1/2	1	1	1 1/2	1/2	1/2	mmaj7	9	11	#13
II.		1/2	1	1	1 1/2	1/2	1/2	1	m7#5	b9	11	13
III.		1	1	1 1/2	1/2	1/2	1	1/2	maj7#5	9	##11	13
IV.		1	1 1/2	1/2	1/2	1	1/2	1		9	#11	13
V.		1 1/2	1/2	1/2	1	1/2	1	1	7	#9	11	b13
VI.		1/2	1/2	1	1/2	1	1	1 1/2		b9	b11	bb13
VII.		1/2	1	1/2	1	1	1 1/2	1/2	mmaj7b5	b9	b11	b13

[41] Moll #5 #6												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	I. Moll #5 #6	1	2	b3	4	#5	#6	7	M 2 4	M 2 b4		1 2 b3 #5
II.		1	b2	b3	#4	#5	6	b7	V b2	Chr b4	V	1 b2 b3 #5
III.		1	2	#3	##4	#5	6	7		M b2 b4		1 2 #3 #5
IV.		1	#2	#3	#4	5	6	b7	HV #3	M 2 4	V/M	1 #2 #3 5
V.		1	2	b3	b4	b5	bb6	bb7	M 2 b4	V b2	V/M/HV/D	1 2 b3 b5
VI.		1	b2	bb3	b4	bb5	bb6	b7	Chr b4		D	1 b2 bb3 bb5
VII.		1	b2	b3	b4	b5	6	7	M b2 b4	HV #3	V/HV	1 b2 b3 b5

Modus	Ableitung	Ganzton-Halbton-Aufbau							4-Klang	Optionen		
I.		1	1/2	1	1 1/2	1	1/2	1/2	mmaj7#5	9	11	#13
II.		1/2	1	1 1/2	1	1/2	1/2	1	m7#5	b9	#11	13
III.		1	1 1/2	1	1/2	1/2	1	1/2		9	##11	13
IV.		1 1/2	1	1/2	1/2	1	1/2	1	m7	#9	#11	13
V.		1	1/2	1/2	1	1/2	1	1 1/2		9	b11	bb13
VI.		1/2	1/2	1	1/2	1	1 1/2	1	7	b9	b11	bb13
VII.		1/2	1	1/2	1	1 1/2	1	1/2	mmaj7b5	b9	b11	13

[42] Moll #4 #6												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	I. Moll #4 #6	1	2	b3	#4	5	#6	7	V 2	D #2 4	M	1 2 b3 5
II.		1	b2	3	4	#5	6	b7	M b2 4	Chr b4	Ü	1 b2 3 #5
III.		1	#2	3	##4	#5	6	7		M b2 4	M/D/Ü	1 #2 3 #5
IV.		1	b2	3	4	b5	b6	bb7	D b2 4	V 2	HV/Ü	1 b2 3 b5
V.		1	#2	3	4	5	b6	7	D #2 4	M b2 4	M/D/Ü	1 #2 3 5
VI.		1	b2	bb3	b4	bb5	b6	bb7	Chr b4		Ü	1 b2 bb3 bb5
VII.		1	b2	b3	b4	5	b6	7	M b2 4	D b2 4	M/D/Ü	1 b2 b3 5

Modus	Ableitung	Ganzton-Halbton-Aufbau							4-Klang	Optionen		
I.		1	1/2	1 1/2	1/2	1 1/2	1/2	1/2	mmaj7	9	#11	#13
II.		1/2	1 1/2	1/2	1 1/2	1/2	1/2	1	7#5	b9	11	13
III.		1 1/2	1/2	1 1/2	1/2	1/2	1	1/2	maj7#5	#9	##11	13
IV.		1/2	1 1/2	1/2	1/2	1	1/2	1 1/2		b9	11	b13
V.		1 1/2	1/2	1/2	1	1/2	1 1/2	1/2	maj7	#9	11	b13
VI.		1/2	1/2	1	1/2	1 1/2	1/2	1 1/2		b9	b11	b13
VII.		1/2	1	1/2	1 1/2	1/2	1 1/2	1/2	mmaj7	b9	b11	b13

[43] Moll #4 #5 #6												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	I. Moll #4 #5 #6	1	2	b3	#4	#5	#6	7	V 2	M 2 b4		1 2 b3 #5
II.		1	b2	3	#4	#5	6	b7	HV b2	Chr b4	HV/Ü	1 b2 3 #5
III.		1	#2	#3	##4	#5	6	7		M b2 b4	M	1 #2 #3 #5
IV.		1	2	3	4	b5	b6	bb7	D 2 4	V 2	HV/Ü	1 2 3 b5
V.		1	2	b3	b4	b5	bb6	b7	M 2 b4	HV b2	V/M/HV/D	1 2 b3 b5
VI.		1	b2	bb3	b4	bb5	b6	b7	Chr b4		Ü	1 b2 bb3 bb5
VII.		1	b2	b3	b4	5	6	7	M b2 b4	D 2 4	M/D	1 b2 b3 5

Modus	Ableitung	Ganzton-Halbton-Aufbau							4-Klang	Optionen		
I.		1	1/2	1 1/2	1	1	1/2	1/2	mmaj7#5	9	#11	#13
II.		1/2	1 1/2	1	1	1/2	1/2	1	7#5	b9	#11	13
III.		1 1/2	1	1	1/2	1/2	1	1/2	mmaj7#5	#9	##11	13
IV.		1	1	1/2	1/2	1	1/2	1 1/2		9	11	b13
V.		1	1/2	1/2	1	1/2	1 1/2	1	m7b5	9	b11	bb13
VI.		1/2	1/2	1	1/2	1 1/2	1	1	7#5	b9	b11	b13
VII.		1/2	1	1/2	1 1/2	1	1	1/2	mmaj7	b9	b11	13

[44] Moll ##4 #5 #6												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	I. Moll ##4 #5 #6	1	2	b3	##4	#5	#6	7		M 2 b4	M	1 2 b3 #5
II.		1	b2	#3	#4	#5	6	b7		Chr b4		1 b2 #3 #5
III.		1	##2	#3	##4	#5	6	7		M b2 b4	D/Ü	1 ##2 #3 #5
IV.		1	b2	b3	b4	bb5	bb6	bbb7	M b2 b4		M/D/Ü	1 b2 b3 bb5
V.		1	2	b3	b4	b5	bb6	7	M 2 b4		V/M/HV/D	1 2 b3 b5
VI.		1	b2	bb3	b4	bb5	6	b7	Chr b4			1 b2 bb3 bb5
VII.		1	b2	b3	b4	#5	6	7	M b2 b4	M b2 b4	Ü	1 b2 b3 #5

Modus	Ableitung	Ganzton-Halbton-Aufbau							4-Klang	Optionen		
I.		1	1/2	2	1/2	1	1/2	1/2	mmaj7#5	9	##11	#13
II.		1/2	2	1/2	1	1/2	1/2	1		b9	#11	13
III.		2	1/2	1	1/2	1/2	1	1/2	maj7#5	##9	##11	13
IV.		1/2	1	1/2	1/2	1	1/2	2		b9	b11	bb13
V.		1	1/2	1/2	1	1/2	2	1/2	mmaj7b5	9	b11	bb13
VI.		1/2	1/2	1	1/2	2	1/2	1		b9	b11	13
VII.		1/2	1	1/2	2	1/2	1	1/2	mmaj7#5	b9	b11	13

[45] Dur b5 #6												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	I. Dur b5 #6	1	2	3	4	b5	#6	7	D 2 4	HV #3	HV	1 2 3 b5
II.		1	2	b3	b4	#5	6	b7	M 2 b4	Chr b4	Ü	1 2 b3 #5
III.		1	b2	bb3	#4	5	b6	b7	Chr #4	M b2 4		1 b2 bb3 5
IV.		1	b2	#3	#4	5	6	7		D 2 4		1 b2 #3 5
V.		1	# #2	#3	#4	#5	#6	7	HV #3	M 2 b4	HV/Ü	1 # #2 #3 #5
VI.		1	b2	bb3	b4	b5	bb6	bbb7	Chr b4	Chr #4	HV/D/Ü	1 b2 bb3 b5
VII.		1	b2	b3	4	b5	bb6	7	M b2 4		V/M	1 b2 b3 b5

Modus	Ableitung	Ganzton-Halbton-Aufbau							4-Klang	Optionen		
I.	Ionisch b5 #6	1	1	1/2	1/2	2	1/2	1/2	maj7b5	9	11	#13
II.	Dorisch b4 #5	1	1/2	1/2	2	1/2	1/2	1	m7#5	9	b11	13
III.	Phrygisch bb3 #4	1/2	1/2	2	1/2	1/2	1	1		b9	#11	b13
IV.	Lydisch b2 #3	1/2	2	1/2	1/2	1	1	1/2		b9	#11	13
V.	Mixolydisch b1 #2	2	1/2	1/2	1	1	1/2	1/2	maj7#5	# #9	#11	#13
VI.	Äolisch b2 #1	1/2	1/2	1	1	1/2	1/2	2		b9	b11	bb13
VII.	Lokrisch bb6 7	1/2	1	1	1/2	1/2	2	1/2	mmaj7b5	b9	11	bb13

[46] Dur #6												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	I. Dur #6	1	2	3	4	5	#6	7	D 2 4	D #2 4	D	1 2 3 5
II.		1	2	b3	4	#5	6	b7	M 2 4	Chr b4		1 2 b3 #5
III.	Phrygisch #11	1	b2	b3	#4	5	b6	b7	V b2	M b2 4	V/M	1 b2 b3 5
IV.		1	2	#3	#4	5	6	7		D 2 4		1 2 #3 5
V.	Mixolydisch #9	1	#2	3	4	5	6	b7	D #2 4	M 2 4	M/D	1 #2 3 5
VI.		1	b2	bb3	b4	b5	bb6	bb7	Chr b4	V b2	HV/D	1 b2 bb3 b5
VII.	Lokrisch 7	1	b2	b3	4	b5	b6	7	M b2 4		V	1 b2 b3 b5

Modus	Ableitung	Ganzton-Halbton-Aufbau							4-Klang	Optionen		
I.	Ionisch #6	1	1	1/2	1	1 1/2	1/2	1/2	maj7	9	11	#13
II.	Dorisch #5	1	1/2	1	1 1/2	1/2	1/2	1	m7#5	9	11	13
III.	Phrygisch #4	1/2	1	1 1/2	1/2	1/2	1	1	m7	b9	#11	b13
IV.	Lydisch #3	1	1 1/2	1/2	1/2	1	1	1/2		9	#11	13
V.	Mixolydisch #2	1 1/2	1/2	1/2	1	1	1/2	1	7	#9	11	13
VI.	Äolisch #1	1/2	1/2	1	1	1/2	1	1 1/2		b9	b11	bb13
VII.	Lokrisch 7	1/2	1	1	1/2	1	1 1/2	1/2	mmaj7b5	b9	11	b13

[47] Melodisch Moll b2 b5												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	I. M.M. b2 b5	1	b2	b3	4	b5	6	7	M b2 4	V #3	V	1 b2 b3 b5
II.		1	2	3	4	#5	#6	7	D 2 4	M 2 b4	Ü	1 2 3 #5
III.		1	2	b3	#4	#5	6	b7	V 2	Chr b4		1 2 b3 #5
IV.		1	b2	3	#4	5	b6	b7	HV b2	M b2 4	HV/D	1 b2 3 5
V.		1	#2	#3	#4	5	6	7	V #3	D 2 4	V/M	1 #2 #3 5
VI.		1	2	b3	b4	b5	b6	bb7	M 2 b4	V 2	V/HV/Ü	1 2 b3 b5
VII.		1	b2	bb3	b4	b5	bb6	b7	Chr b4	HV b2	HV/D	1 b2 bb3 b5

Modus	Ableitung	Ganzton-Halbton-Aufbau							4-Klang	Optionen		
I.	I. M.M. b2 b5	1/2	1	1	1/2	1 1/2	1	1/2	mmaj7b5	b9	11	13
II.		1	1	1/2	1 1/2	1	1/2	1/2	maj7#5	9	11	#13
III.		1	1/2	1 1/2	1	1/2	1/2	1	m7#5	9	#11	13
IV.		1/2	1 1/2	1	1/2	1/2	1	1	7	b9	#11	b13
V.		1 1/2	1	1/2	1/2	1	1	1/2	mmaj7	#9	#11	13
VI.		1	1/2	1/2	1	1	1/2	1 1/2		9	b11	b13
VII.		1/2	1/2	1	1	1/2	1 1/2	1	7b5	b9	b11	bb13

[48] Harmonisch Moll b2												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	Phrygisch 7	1	b2	b3	4	5	b6	7	M b2 4	D b2 4	M	1 b2 b3 5
II.	Lydisch #13	1	2	3	#4	5	#6	7	HV 2	D #2 4	HV/D	1 2 3 5
III.	Mixolydisch #5	1	2	3	4	#5	6	b7	D 2 4	Chr b4	Ü	1 2 3 #5
IV.	Äolisch #11	1	2	b3	#4	5	b6	b7	V 2	M b2 4	V/M	1 2 b3 5
V.	Lorkisch 3	1	b2	3	4	b5	b6	b7	D b2 4	HV 2	HV/Ü	1 b2 3 b5
VI.	Ionisch #9	1	#2	3	4	5	6	7	D #2 4	D 2 4	M/D	1 #2 3 5
VII.		1	b2	bb3	b4	b5	b6	bb7	Chr b4	V 2	HV/Ü	1 b2 bb3 b5

Modus	Ableitung	Ganzton-Halbton-Aufbau							4-Klang	Optionen		
I.	Phrygisch 7	1/2	1	1	1	1/2	1 1/2	1/2	mmaj7	b9	11	b13
II.	Lydisch #6	1	1	1	1/2	1 1/2	1/2	1/2	maj7	9	#11	#13
III.	Mixolydisch #5	1	1	1/2	1 1/2	1/2	1/2	1	7#5	9	11	13
IV.	Äolisch #4	1	1/2	1 1/2	1/2	1/2	1	1	m7	9	#11	b13
V.	Lorkisch 3	1/2	1 1/2	1/2	1/2	1	1	1	7b5	b9	11	b13
VI.	Ionisch #2	1 1/2	1/2	1/2	1	1	1	1/2	maj7	#9	11	13
VII.	Dorisch #1	1/2	1/2	1	1	1	1/2	1 1/2		b9	b11	b13

[49] Melodisch Moll b2												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	I. M.M. b2	1	b2	b3	4	5	6	7	M b2 4	D 2 4	M	1 b2 b3 5
II.		1	2	3	#4	#5	#6	7	HV 2	M 2 b4	HV/Ü	1 2 3 #5
III.	III. M.M. b7	1	2	3	#4	#5	6	b7	HV 2	Chr b4	HV/Ü	1 2 3 #5
IV.	IV. M.M. b6	1	2	3	#4	5	b6	b7	HV 2	M b2 4	HV/D	1 2 3 5
V.	V. M.M. b5	1	2	3	4	b5	b6	b7	D 2 4	HV 2	HV/Ü	1 2 3 b5
VI.	VI. M.M. b4	1	2	b3	b4	b5	b6	b7	M 2 b4	HV 2	V/HV/Ü	1 2 b3 b5
VII.	VII. M.M. bb3	1	b2	bb3	b4	b5	b6	b7	Chr b4	HV 2	HV/Ü	1 b2 bb3 b5

Modus	Ableitung	Ganzton-Halbton-Aufbau							4-Klang	Optionen		
I.	Ionisch b2 b3	1/2	1	1	1	1	1	1/2	mmaj7	b9	11	13
II.	Dorisch b1 b2	1	1	1	1	1	1/2	1/2	maj7#5	9	#11	#13
III.	Phrygisch bb7 b1	1	1	1	1	1/2	1/2	1	7#5	9	#11	13
IV.	Lydisch b6 b7	1	1	1	1/2	1/2	1	1	7	9	#11	b13
V.	Mixolydisch b5 b6	1	1	1/2	1/2	1	1	1	7b5	9	11	b13
VI.	Äolisch b4 b5	1	1/2	1/2	1	1	1	1	m7b5	9	b11	b13
VII.	Lokrisch bb3 b4	1/2	1/2	1	1	1	1	1	7b5	b9	b11	b13

[50] Melodisch Moll b2 #5												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	I. M.M. b2 #5	1	b2	b3	4	#5	6	7	M b2 4	M b2 b4		1 b2 b3 #5
II.		1	2	3	##4	#5	#6	7		M 2 b4	D/Ü	1 2 3 #5
III.		1	2	#3	#4	#5	6	b7		Chr b4		1 2 #3 #5
IV.		1	#2	3	#4	5	b6	b7	HV #2	M b2 4	V/M/HV/D/Ü	1 #2 3 5
V.		1	b2	b3	b4	bb5	bb6	bb7	M b2 b4		M/D	1 b2 b3 bb5
VI.		1	2	b3	b4	b5	b6	7	M 2 b4		V/HV/Ü	1 2 b3 b5
VII.		1	b2	bb3	b4	b5	6	b7	Chr b4	HV #2	HV	1 b2 bb3 b5

Modus	Ableitung	Ganzton-Halbton-Aufbau							4-Klang	Optionen		
I.		1/2	1	1	1 1/2	1/2	1	1/2	mmaj7#5	b9	11	13
II.		1	1	1 1/2	1/2	1	1/2	1/2	maj7#5	9	##11	#13
III.		1	1 1/2	1/2	1	1/2	1/2	1		9	#11	13
IV.		1 1/2	1/2	1	1/2	1/2	1	1	7	#9	#11	b13
V.		1/2	1	1/2	1/2	1	1	1 1/2		b9	b11	bb13
VI.		1	1/2	1/2	1	1	1 1/2	1/2	mmaj7b5	9	b11	b13
VII.		1/2	1/2	1	1	1 1/2	1/2	1	7b5	b9	b11	13

[51] Harmonisch Dur b2 b5												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	I. H.D. b2 b5	1	b2	3	4	b5	b6	7	D b2 4		HV/Ü	1 b2 3 b5
II.		1	#2	3	4	5	#6	7	D #2 4	D #2	M/D	1 #2 3 5
III.		1	b2	bb3	b4	5	b6	bb7	Chr b4	Chr 4	D/Ü	1 b2 bb3 5
IV.		1	b2	b3	#4	5	b6	7	V b2	D b2 4	M	1 b2 b3 5
V.		1	2	#3	#4	5	#6	7		D #2 4		1 2 #3 5
VI.		1	#2	3	4	#5	6	b7	D #2	Chr b4	Ü	1 #2 3 #5
VII.		1	b2	bb3	4	b5	bb6	bb7	Chr 4	V b2		1 b2 bb3 b5

Modus	Ableitung	Ganzton-Halbton-Aufbau							4-Klang	Optionen		
I.		1/2	1 1/2	1/2	1/2	1	1 1/2	1/2	maj7b5	b9	11	b13
II.		1 1/2	1/2	1/2	1	1 1/2	1/2	1/2	maj7	#9	11	#13
III.		1/2	1/2	1	1 1/2	1/2	1/2	1 1/2		b9	b11	b13
IV.		1/2	1	1 1/2	1/2	1/2	1 1/2	1/2	mmaj7	b9	#11	b13
V.		1	1 1/2	1/2	1/2	1 1/2	1/2	1/2		9	#11	#13
VI.		1 1/2	1/2	1/2	1 1/2	1/2	1/2	1	7#5	#9	11	13
VII.		1/2	1/2	1 1/2	1/2	1/2	1	1 1/2		b9	11	bb13

[52] Harmonisch Dur b5												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	I. H.D. b5	1	2	3	4	b5	b6	7	D 2 4		HV/Ü	1 2 3 b5
II.	Dorisch b11 b5	1	2	b3	b4	b5	6	b7	M 2 b4	HV #2	V/HV	1 2 b3 b5
III.		1	b2	bb3	b4	5	b6	b7	Chr b4	M b2 4	D/Ü	1 b2 bb3 5
IV.	Lydisch b9 b3	1	b2	b3	#4	5	6	7	V b2	D 2 4	M	1 b2 b3 5
V.		1	2	#3	#4	#5	#6	7		M 2 b4		1 2 #3 #5
VI.		1	#2	3	#4	#5	6	b7	HV #2	Chr b4	V/HV/Ü	1 #2 3 #5
VII.		1	b2	b3	4	b5	bb6	bb7	M b2 4	V b2	V/M	1 b2 b3 b5

Modus	Ableitung	Ganzton-Halbton-Aufbau							4-Klang	Optionen		
I.	Ionisch b5 b6	1	1	1/2	1/2	1	1 1/2	1/2	maj7b5	9	11	b13
II.	Dorisch b4 b5	1	1/2	1/2	1	1 1/2	1/2	1	m7b5	9	b11	13
III.	Phrygisch bb3 b4	1/2	1/2	1	1 1/2	1/2	1	1	7	b9	b11	b13
IV.	Lydisch b2 b3	1/2	1	1 1/2	1/2	1	1	1/2	mmaj7	b9	#11	13
V.	Mixolydisch b1 b2	1	1 1/2	1/2	1	1	1/2	1/2		9	#11	#13
VI.	Äolisch bb7 b1	1 1/2	1/2	1	1	1/2	1/2	1	7#5	#9	#11	13
VII.	Lokrisch bb6 bb7	1/2	1	1	1/2	1/2	1	1 1/2		b9	11	bb13

[53] Melodisch Moll b2 #4 #5												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	I. M.M. b2 #4 #5	1	b2	b3	#4	#5	6	7	V b2	M b2 b4	V	1 b2 b3 #5
II.		1	2	#3	##4	#5	#6	7		M 2 b4		1 2 #3 #5
III.		1	#2	#3	#4	#5	6	b7	V #3	Chr b4	V	1 #2 #3 #5
IV.		1	2	b3	4	b5	bb6	bb7	M 2 4	V b2	V/M	1 2 b3 b5
V.		1	b2	b3	b4	bb5	bb6	b7	M b2 b4		M/D	1 b2 b3 bb5
VI.		1	2	b3	b4	b5	6	7	M 2 b4	V #2	V/HV	1 2 b3 b5
VII.		1	b2	bb3	b4	5	6	b7	Chr b4	M 2 4	D	1 b2 bb3 5

Modus	Ableitung	Ganzton-Halbton-Aufbau							4-Klang	Optionen		
I.		1/2	1	1 1/2	1	1/2	1	1/2	mmaj7#5	b9	#11	13
II.		1	1 1/2	1	1/2	1	1/2	1/2		9	##11	#13
III.		1 1/2	1	1/2	1	1/2	1/2	1	m7#5	#9	#11	13
IV.		1	1/2	1	1/2	1/2	1	1 1/2		9	11	bb13
V.		1/2	1	1/2	1/2	1	1 1/2	1	m7	b9	b11	bb13
VI.		1	1/2	1/2	1	1 1/2	1	1/2	mmaj7b5	9	b11	13
VII.		1/2	1/2	1	1 1/2	1	1/2	1	7	b9	b11	13

[54] Melodisch Dur b2 b5												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	I. M.D. b2 b5	1	b2	3	4	b5	6	7	D b2 4	V #3	HV	1 b2 3 b5
II.		1	#2	3	4	#5	#6	7	D #2 4	M 2 b4	Ü	1 #2 3 #5
III.	Phrygisch bb7 bb3	1	b2	bb3	4	5	b6	bb7	Chr 4	Chr 4		1 b2 bb3 5
IV.	Lydisch b13 b9	1	b2	3	#4	5	b6	7	HV b2	D b2 4	HV/D/Ü	1 b2 3 5
V.		1	#2	#3	#4	5	#6	7	V #3	D #2 4	M	1 #2 #3 5
VI.	Äolisch b11 bb7	1	2	b3	b4	5	b6	bb7	M 2 b4	Chr 4	M/D/Ü	1 2 b3 5
VII.	Lokrisch bb3 bb13	1	b2	bb3	4	b5	bb6	b7	Chr 4	HV b2		1 b2 bb3 b5

Modus	Ableitung	Ganzton-Halbton-Aufbau							4-Klang	Optionen		
I.	Ionisch b2 b5	1/2	1 1/2	1/2	1/2	1 1/2	1	1/2	maj7b5	b9	11	13
II.	Dorisch b1 b4	1 1/2	1/2	1/2	1 1/2	1	1/2	1/2	maj7#5	#9	11	#13
III.	Phrygisch bb7 bb3	1/2	1/2	1 1/2	1	1/2	1/2	1 1/2		b9	11	b13
IV.	Lydisch b6 b2	1/2	1 1/2	1	1/2	1/2	1 1/2	1/2	maj7	b9	#11	b13
V.	Mixolydisch b5 b1	1 1/2	1	1/2	1/2	1 1/2	1/2	1/2	mmaj7	#9	#11	#13
VI.	Äolisch b4 bb7	1	1/2	1/2	1 1/2	1/2	1/2	1 1/2		9	b11	b13
VII.	Lokrisch bb3 bb6	1/2	1/2	1 1/2	1/2	1/2	1 1/2	1		b9	11	bb13

[55] Harmonisch Dur b2												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	I. H.D. b2	1	b2	3	4	5	b6	7	D b2	M b2 4	D/Ü	1 b2 3 5
II.		1	#2	3	#4	5	#6	7	HV #2	D #2 4	V/M/HV/D	1 #2 3 5
III.		1	b2	b3	b4	5	b6	bb7	M b2 b4	Chr 4	M/D/Ü	1 b2 b3 5
IV.		1	2	b3	#4	5	b6	7	V 2	D b2	M	1 2 b3 5
V.	Mixolydisch b9 b5	1	b2	3	4	b5	6	b7	M b2 4	HV #2	HV	1 b2 3 b5
VI.		1	#2	3	4	#5	6	7	D #2 4	M b2 b4	Ü	1 #2 3 #5
VII.		1	b2	bb3	4	b5	b6	bb7	Chr 4	V 2		1 b2 bb3 b5

Modus	Ableitung	Ganzton-Halbton-Aufbau							4-Klang	Optionen		
I.	Ionisch b6 b2	1/2	1 1/2	1/2	1	1/2	1 1/2	1/2	maj7	b9	11	b13
II.	Dorisch b5 b1	1 1/2	1/2	1	1/2	1 1/2	1/2	1/2	maj7	#9	#11	#13
III.	Phrygisch b4 bb7	1/2	1	1/2	1 1/2	1/2	1/2	1 1/2		b9	b11	b13
IV.	Lydisch b3 b6	1	1/2	1 1/2	1/2	1/2	1 1/2	1/2	mmaj7	9	#11	b13
V.	Mixolydisch b2 b5	1/2	1 1/2	1/2	1/2	1 1/2	1/2	1	7b5	b9	11	13
VI.	Äolisch b1 b4	1 1/2	1/2	1/2	1 1/2	1/2	1	1/2	maj7#5	#9	11	13
VII.	Lokrisch bb7 bb3	1/2	1/2	1 1/2	1/2	1	1/2	1 1/2		b9	11	b13

[56] Melodisch Dur b2												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	I. M.D. b2	1	b2	3	4	5	6	7	D b2	D 2 4	D	1 b2 3 5
II.		1	#2	3	#4	#5	#6	7	HV #2	M 2 b4	V/HV/Ü	1 #2 3 #5
III.	Phrygisch bb7	1	b2	b3	4	5	b6	bb7	M b2 4	Chr 4	M	1 b2 b3 5
IV.	Lydisch b13	1	2	3	#4	5	b6	7	HV 2	D b2	HV/D/Ü	1 2 3 5
V.	Mixolydisch b5	1	2	3	4	b5	6	b7	D 2 4	HV #2	HV	1 2 3 b5
VI.	Äolisch b11	1	2	b3	b4	5	b6	b7	M 2 b4	M b2 4	M/D/Ü	1 2 b3 5
VII.	Lokrisch bb3	1	b2	bb3	4	b5	b6	b7	Chr 4	HV 2		1 b2 bb3 b5

Modus	Ableitung	Ganzton-Halbton-Aufbau							4-Klang	Optionen		
I.	Ionisch b2	1/2	1 1/2	1/2	1	1	1	1/2	maj7	b9	11	13
II.	Dorisch b1	1 1/2	1/2	1	1	1	1/2	1/2	maj7#5	#9	#11	#13
III.	Phrygisch bb7	1/2	1	1	1	1/2	1/2	1 1/2		b9	11	b13
IV.	Lydisch b6	1	1	1	1/2	1/2	1 1/2	1/2	maj7	9	#11	b13
V.	Mixolydisch b5	1	1	1/2	1/2	1 1/2	1/2	1	7b5	9	11	13
VI.	Äolisch b4	1	1/2	1/2	1 1/2	1/2	1	1	m7	9	b11	b13
VII.	Lokrisch bb3	1/2	1/2	1 1/2	1/2	1	1	1		b9	11	b13

[57] Melodisch Dur b2 #5												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	I. M.D. b2 #5	1	b2	3	4	#5	6	7	D b2	M b2 b4	Ü	1 b2 3 #5
II.		1	#2	3	##4	#5	#6	7		M 2 b4	M/D/Ü	1 #2 3 #5
III.		1	b2	3	4	5	b6	bb7	D b2	Chr 4	D/Ü	1 b2 3 5
IV.	Lydian Harmonic #2	1	#2	3	#4	5	b6	7	HV #2	D b2	V/M/HV/D/Ü	1 #2 3 5
V.		1	b2	b3	b4	bb5	b6	bb7	M b2 b4		Ü	1 b2 b3 bb5
VI.		1	2	b3	b4	5	b6	7	M 2 b4	D b2	M/D/Ü	1 2 b3 5
VII.		1	b2	bb3	4	b5	6	b7	Chr 4	HV #2		1 b2 bb3 b5

Modus	Ableitung	Ganzton-Halbton-Aufbau							4-Klang	Optionen		
I.	Ionisch b2 #5	1/2	1 1/2	1/2	1 1/2	1/2	1	1/2	maj7#5	b9	11	13
II.	Dorisch b1 #4	1 1/2	1/2	1 1/2	1/2	1	1/2	1/2	maj7#5	#9	##11	#13
III.	Phrygisch bb7 3	1/2	1 1/2	1/2	1	1/2	1/2	1 1/2		b9	11	b13
IV.	Lydisch b6 #2	1 1/2	1/2	1	1/2	1/2	1 1/2	1/2	maj7	#9	#11	b13
V.	Mixolydisch b5 #1	1/2	1	1/2	1/2	1 1/2	1/2	1 1/2		b9	b11	b13
VI.	Äolisch b4 7	1	1/2	1/2	1 1/2	1/2	1 1/2	1/2	mmaj7	9	b11	b13
VII.	Lokrisch bb3 6	1/2	1/2	1 1/2	1/2	1 1/2	1/2	1		b9	11	13

[58] Melodisch Dur b5												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	I. M.D. b5	1	2	3	4	b5	6	7	D 2 4	V #3	HV	1 2 3 b5
II.	Dorisch b11	1	2	b3	b4	5	6	b7	M 2 b4	M 2 4	M/D	1 2 b3 5
III.	Phrygisch bb3	1	b2	bb3	4	5	b6	b7	Chr 4	M b2 4		1 b2 bb3 5
IV.	Lydisch b9	1	b2	3	#4	5	6	7	HV b2	D 2 4	HV/D	1 b2 3 5
V.		1	#2	#3	#4	#5	#6	7	V #3	M 2 b4	V	1 #2 #3 #5
VI.	Äolisch bb7	1	2	b3	4	5	b6	bb7	M 2 4	Chr 4	M	1 2 b3 5
VII.	Lokrisch bb6	1	b2	b3	4	b5	bb6	b7	M b2 4	HV b2	V/M	1 b2 b3 b5

Modus	Ableitung	Ganzton-Halbton-Aufbau							4-Klang	Optionen		
I.	Ionisch b5	1	1	1/2	1/2	1 1/2	1	1/2	maj7b5	9	11	13
II.	Dorisch b4	1	1/2	1/2	1 1/2	1	1/2	1	m7	9	b11	13
III.	Phrygisch bb3	1/2	1/2	1 1/2	1	1/2	1	1		b9	11	b13
IV.	Lydisch b2	1/2	1 1/2	1	1/2	1	1	1/2	maj7	b9	#11	13
V.	Mixolydisch b1	1 1/2	1	1/2	1	1	1/2	1/2	mmaj7#5	#9	#11	#13
VI.	Äolisch bb7	1	1/2	1	1	1/2	1/2	1 1/2		9	11	b13
VII.	Lokrisch bb6	1/2	1	1	1/2	1/2	1 1/2	1	m7b5	b9	11	bb13

[59] Melodisch Dur b2 #4 #5												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	I. M.D. b2 #4 #5	1	b2	3	#4	#5	6	7	HV b2	M b2 b4	HV/Ü	1 b2 3 #5
II.		1	#2	#3	##4	#5	#6	7		M 2 b4	M	1 #2 #3 #5
III.		1	2	3	4	5	b6	bb7	D 2 4	Chr 4	D/Ü	1 2 3 5
IV.		1	2	b3	4	b5	bb6	b7	M 2 4	HV b2	V/M	1 2 b3 b5
V.		1	b2	b3	b4	bb5	b6	b7	M b2 b4		Ü	1 b2 b3 bb5
VI.		1	2	b3	b4	5	6	7	M 2 b4	D 2 4	M/D	1 2 b3 5
VII.		1	b2	bb3	4	5	6	b7	Chr 4	M 2 4		1 b2 bb3 5

Modus	Ableitung	Ganzton-Halbton-Aufbau							4-Klang	Optionen		
I.	Ionisch b2 #4 #5	1/2	1 1/2	1	1	1/2	1	1/2	maj7#5	b9	#11	13
II.	Dorisch b1 3 #4	1 1/2	1	1	1/2	1	1/2	1/2	mmaj7#5	#9	##11	#13
III.	Phrygisch bb7 2 3	1	1	1/2	1	1/2	1/2	1 1/2		9	11	b13
IV.	Lydisch b6 #1 #2	1	1/2	1	1/2	1/2	1 1/2	1	m7b5	9	11	bb13
V.	Mixolydisch b5 7 #1	1/2	1	1/2	1/2	1 1/2	1	1	m7#5	b9	b11	b13
VI.	Äolisch b4 6 7	1	1/2	1/2	1 1/2	1	1	1/2	mmaj7	9	b11	13
VII.	Lokrisch bb3 5 6	1/2	1/2	1 1/2	1	1	1/2	1		b9	11	13

[60] Moll b5 bb6												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	I. Moll b5 bb6	1	2	b3	4	b5	bb6	7	M 2 4		V/M	1 2 b3 b5
II.		1	b2	b3	b4	bb5	6	b7	M b2 b4			1 b2 b3 bb5
III.		1	2	b3	b4	#5	6	7	M 2 b4	M b2 b4	Ü	1 2 b3 #5
IV.		1	b2	bb3	#4	5	6	b7	Chr #4	M 2 4		1 b2 bb3 5
V.		1	b2	#3	#4	#5	6	7		M b2 b4		1 b2 #3 #5
VI.		1	##2	#3	##4	#5	#6	7		M 2 b4	Ü	1 ##2 #3 #5
VII.		1	b2	b3	b4	b5	bb6	bbb7	M b2 b4	Chr #4	V/M/HV/D	1 b2 b3 b5

Modus	Ableitung	Ganzton-Halbton-Aufbau							4-Klang	Optionen		
I.		1	1/2	1	1/2	1/2	2	1/2	mmaj7b5	9	11	bb13
II.		1/2	1	1/2	1/2	2	1/2	1		b9	b11	13
III.		1	1/2	1/2	2	1/2	1	1/2	mmaj7#5	9	b11	13
IV.		1/2	1/2	2	1/2	1	1/2	1		b9	#11	13
V.		1/2	2	1/2	1	1/2	1	1/2		b9	#11	13
VI.		2	1/2	1	1/2	1	1/2	1/2	maj7#5	##9	##11	#13
VII.		1/2	1	1/2	1	1/2	1/2	2		b9	b11	bb13

[61] Harmonisch Moll b5												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	I. H.M. b5	1	2	b3	4	b5	b6	7	M 2 4		V	1 2 b3 b5
II.		1	b2	b3	b4	b5	6	b7	M b2 b4	HV #2	V/HV	1 b2 b3 b5
III.		1	2	b3	4	#5	6	7	M 2 4	M b2 b4		1 2 b3 #5
IV.		1	b2	b3	#4	5	6	b7	V b2	M 2 4	V/M	1 b2 b3 5
V.		1	2	#3	#4	#5	6	7		M b2 b4		1 2 #3 #5
VI.		1	#2	3	#4	5	6	b7	HV #2	M 2 4	V/M/HV/D	1 #2 3 5
VII.		1	b2	b3	b4	b5	bb6	bb7	M b2 b4	V b2	V/M/HV/D	1 b2 b3 b5

Modus	Ableitung	Ganzton-Halbton-Aufbau							4-Klang	Optionen		
I.	Äolisch 7 b5	1	1/2	1	1/2	1	1 1/2	1/2	mmaj7b5	9	11	b13
II.	Lokrisch 6 b4	1/2	1	1/2	1	1 1/2	1/2	1	m7b5	b9	b11	13
III.	Ionisch #5 b3	1	1/2	1	1 1/2	1/2	1	1/2	mmaj7#5	9	11	13
IV.	Dorisch #4 b2	1/2	1	1 1/2	1/2	1	1/2	1	m7	b9	#11	13
V.	Phrygisch 3 b1	1	1 1/2	1/2	1	1/2	1	1/2		9	#11	13
VI.	Lydisch #2 b7	1 1/2	1/2	1	1/2	1	1/2	1	7	#9	#11	13
VII.	Mixolydisch #1 b6	1/2	1	1/2	1	1/2	1	1 1/2		b9	b11	bb13

[62] Melodisch Moll b5												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	I. M.M. b5	1	2	b3	4	b5	6	7	M 2 4	V #3	V	1 2 b3 b5
II.		1	b2	b3	b4	5	6	b7	M b2 b4	M 2 4	M/D	1 b2 b3 5
III.	M.M. #5 #11	1	2	b3	#4	#5	6	7	V 2	M b2 b4		1 2 b3 #5
IV.	Mixolydisch b9 #11	1	b2	3	#4	5	6	b7	HV b2	M 2 4	HV/D	1 b2 3 5
V.		1	#2	#3	#4	#5	6	7	V #3	M b2 b4	V	1 #2 #3 #5
VI.		1	2	b3	4	b5	b6	bb7	M 2 4	V 2	V	1 2 b3 b5
VII.		1	b2	b3	b4	b5	bb6	b7	M b2 b4	HV b2	V/M/HV/D	1 b2 b3 b5

Modus	Ableitung	Ganzton-Halbton-Aufbau							4-Klang	Optionen		
I.	Ionisch b3 b5	1	1/2	1	1/2	1 1/2	1	1/2	mmaj7b5	9	11	13
II.	Dorisch b2 b4	1/2	1	1/2	1 1/2	1	1/2	1	m7	b9	b11	13
III.	Phrygisch b1 bb3	1	1/2	1 1/2	1	1/2	1	1/2	mmaj7#5	9	#11	13
IV.	Lydisch b7 b2	1/2	1 1/2	1	1/2	1	1/2	1	7	b9	#11	13
V.	Mixolydisch b6 b1	1 1/2	1	1/2	1	1/2	1	1/2	mmaj7#5	#9	#11	13
VI.	Äolisch b5 bb7	1	1/2	1	1/2	1	1/2	1 1/2		9	11	b13
VII.	Lokrisch b4 bb6	1/2	1	1/2	1	1/2	1 1/2	1	m7b5	b9	b11	bb13

[63] Harmonisch Moll												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	I. Harmonisch Moll	1	2	b3	4	5	b6	7	M 2 4	D b2 4	M	1 2 b3 5
II.	Lokrisch 13	1	b2	b3	4	b5	6	b7	M b2 4	HV #2	V	1 b2 b3 b5
III.	Ionisch #5	1	2	3	4	#5	6	7	D 2 4	M b2 b4	Ü	1 2 3 #5
IV.	Dorisch #11	1	2	b3	#4	5	6	b7	V 2	M 2 4	V/M	1 2 b3 5
V.	Phrygisch Dur	1	b2	3	4	5	b6	b7	D b2 4	M b2 4	D/Ü	1 b2 3 5
VI.	Lydisch #9	1	#2	3	#4	5	6	7	HV #2	D 2 4	V/M/HV/D	1 #2 3 5
VII.	Harmonic Diminished	1	b2	b3	b4	b5	b6	bb7	M b2 b4	V 2	V/HV/Ü	1 b2 b3 b5

Modus	Ableitung	Ganzton-Halbton-Aufbau							4-Klang	Optionen		
I.	Äolisch 7	1	1/2	1	1	1/2	1 1/2	1/2	mmaj7	9	11	b13
II.	Lokrisch 6	1/2	1	1	1/2	1 1/2	1/2	1	m7b5	b9	11	13
III.	Ionisch #5	1	1	1/2	1 1/2	1/2	1	1/2	maj7#5	9	11	13
IV.	Dorisch #4	1	1/2	1 1/2	1/2	1	1/2	1	m7	9	#11	13
V.	Phrygisch 3	1/2	1 1/2	1/2	1	1/2	1	1	7	b9	11	b13
VI.	Lydisch #2	1 1/2	1/2	1	1/2	1	1	1/2	maj7	#9	#11	13
VII.	Mixolydisch #1	1/2	1	1/2	1	1	1/2	1 1/2	07	b9	b11	b13

[64] Melodisch Moll												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	I. Melodisch Moll	1	2	b3	4	5	6	7	M 2 4	D 2 4	M	1 2 b3 5
II.	Dorisch b9	1	b2	b3	4	5	6	b7	M b2 4	M 2 4	M	1 b2 b3 5
III.	Lydisch #5	1	2	3	#4	#5	6	7	HV 2	M b2 b4	HV/Ü	1 2 3 #5
IV.	Mixo #11	1	2	3	#4	5	6	b7	HV 2	M 2 4	HV/D	1 2 3 5
V.	Mixo b13	1	2	3	4	5	b6	b7	D 2 4	M b2 4	D	1 2 3 5
VI.	Lokrisch 9	1	2	b3	4	b5	b6	b7	M 2 4	HV 2	V	1 2 b3 b5
VII.	Alteriert	1	b2	b3	b4	b5	b6	b7	M b2 b4	HV 2	V/HV/Ü	1 b2 b3 b5

Modus	Ableitung	Ganzton-Halbton-Aufbau							4-Klang	Optionen		
I.	Ionisch b3	1	1/2	1	1	1	1	1/2	mmaj7	9	11	13
II.	Dorisch b2	1/2	1	1	1	1	1/2	1	m7	b9	11	13
III.	Phrygisch b1	1	1	1	1	1/2	1	1/2	maj7#5	9	#11	13
IV.	Lydisch b7	1	1	1	1/2	1	1/2	1	7	9	#11	13
V.	Mixolydisch b6	1	1	1/2	1	1/2	1	1	7	9	11	b13
VI.	Äolisch b5	1	1/2	1	1/2	1	1	1	m7b5	9	11	b13
VII.	Lokrisch b4	1/2	1	1/2	1	1	1	1	m7b5	b9	b11	b13

[65] Harmonisch Dur												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	Ionisch b13	1	2	3	4	5	b6	7	D 2 4	D b2 4	D	1 2 3 5
II.	Dorisch b5	1	2	b3	4	b5	6	b7	M 2 4	HV #2	V	1 2 b3 b5
III.	Harmonisch Alteriert	1	b2	b3	b4	5	b6	b7	M b2 b4	M b2 4	M/D/Ü	1 b2 b3 5
IV.	Melodisch #11	1	2	b3	#4	5	6	7	V 2	D 2 4	M	1 2 b3 5
V.	Mixolydisch b9	1	b2	3	4	5	6	b7	D b2 4	M 2 4	D	1 b2 3 5
VI.	Lydisch #9 #5	1	#2	3	#4	#5	6	7	HV #2	M b2 b4	HV/Ü	1 #2 3 #5
VII.	Lokrisch Vermindert	1	b2	b3	4	b5	b6	bb7	M b2 4	V 2	V	1 b2 b3 b5

Modus	Ableitung	Ganzton-Halbton-Aufbau							4-Klang	Optionen		
I.	Ionisch b6	1	1	1/2	1	1/2	1 1/2	1/2	maj7	9	11	b13
II.	Dorisch b5	1	1/2	1	1/2	1 1/2	1/2	1	m7b5	9	11	13
III.	Phrygisch b4	1/2	1	1/2	1 1/2	1/2	1	1	m7	b9	b11	b13
IV.	Lydisch b3	1	1/2	1 1/2	1/2	1	1	1/2	mmaj7	9	#11	13
V.	Mixolydisch b2	1/2	1 1/2	1/2	1	1	1/2	1	7	b9	11	13
VI.	Äolisch b1	1 1/2	1/2	1	1	1/2	1	1/2	maj7#5	#9	#11	13
VII.	Lokrisch bb7	1/2	1	1	1/2	1	1/2	1 1/2	07	b9	11	b13

[66] Melodisch Dur												
Modus	Name	Intervalle							Tetrachord		3-Klang	4er-Pattern
I.	Ionisch	1	2	3	4	5	6	7	D 2 4	D 2 4	D	1 2 3 5
II.	Dorisch	1	2	b3	4	5	6	b7	M 2 4	M 2 4	M	1 2 b3 5
III.	Phrygisch	1	b2	b3	4	5	b6	b7	M b2 4	M b2 4	M	1 b2 b3 5
IV.	Lydisch	1	2	3	#4	5	6	7	HV 2	D 2 4	D	1 2 3 5
V.	Mixolydisch	1	2	3	4	5	6	b7	D 2 4	M 2 4	D	1 2 3 5
VI.	Äolisch	1	2	b3	4	5	b6	b7	M 2 4	M b2 4	M	1 2 b3 5
VII.	Lokrisch	1	b2	b3	4	b5	b6	b7	M b2 4	HV 2	V	1 b2 b3 b5

Modus	Ableitung	Ganzton-Halbton-Aufbau							4-Klang	Optionen		
I.		1	1	1/2	1	1	1	1/2	maj7	9	11	13
II.		1	1/2	1	1	1	1/2	1	m7	9	11	13
III.		1/2	1	1	1	1/2	1	1	m7	b9	11	b13
IV.		1	1	1	1/2	1	1	1/2	maj7	9	#11	13
V.		1	1	1/2	1	1	1/2	1	7	9	11	13
VI.		1	1/2	1	1	1/2	1	1	m7	9	11	b13
VII.		1/2	1	1	1/2	1	1	1	m7b5	b9	11	b13

[1]	Moll b2 bb3 ##5 #6					
1	b2	bb3	bb4	##5	#6	7
Cb	Dbb	Ebbb	Fbbb	G#	A	Bb
Gb	Abb	Bbbb	Cbbb	D#	E	F
Db	Ebb	Fbb	Gbbb	A#	B	C
Ab	Bbb	Cbb	Dbbb	E#	F#	G
Eb	Fb	Gbb	Abbb	B#	C#	D
Bb	Cb	Dbb	Ebbb	F##	G#	A
F	Gb	Abb	Bbbb	C##	D#	E
C	Db	Ebb	Fbb	G##	A#	B
G	Ab	Bbb	Cbb	D##	E#	F#
D	Eb	Fb	Gbb	A##	B#	C#
A	Bb	Cb	Dbb	E##	F##	G#
E	F	Gb	Abb	B##	C##	D#
B	C	Db	Ebb	F###	G##	A#
F#	G	Ab	Bbb	C###	D##	E#
C#	D	Eb	Fb	G###	A##	B#

[2]	Moll b2 ###4 ##5 #6					
1	b2	b3	###4	##5	#6	7
Cb	Dbb	Ebb	F##	G#	A	Bb
Gb	Abb	Bbb	C##	D#	E	F
Db	Ebb	Fb	G##	A#	B	C
Ab	Bbb	Cb	D##	E#	F#	G
Eb	Fb	Gb	A##	B#	C#	D
Bb	Cb	Db	E##	F##	G#	A
F	Gb	Ab	B##	C##	D#	E
C	Db	Eb	F###	G##	A#	B
G	Ab	Bb	C###	D##	E#	F#
D	Eb	F	G###	A##	B#	C#
A	Bb	C	D###	E##	F##	G#
E	F	G	A###	B##	C##	D#
B	C	D	E###	F###	G##	A#
F#	G	A	B###	C###	D##	E#
C#	D	E	F###	G###	A##	B#

[3]	Dur b2 ###4 ##5 #6					
1	b2	3	###4	##5	#6	7
Cb	Dbb	Eb	F##	G#	A	Bb
Gb	Abb	Bb	C##	D#	E	F
Db	Ebb	F	G##	A#	B	C
Ab	Bbb	C	D##	E#	F#	G
Eb	Fb	G	A##	B#	C#	D
Bb	Cb	D	E##	F##	G#	A
F	Gb	A	B##	C##	D#	E
C	Db	E	F###	G##	A#	B
G	Ab	B	C###	D##	E#	F#
D	Eb	F#	G###	A##	B#	C#
A	Bb	C#	D###	E##	F##	G#
E	F	G#	A###	B##	C##	D#
B	C	D#	E###	F###	G##	A#
F#	G	A#	B###	C###	D##	E#
C#	D	E#	F###	G###	A##	B#

[4]	Moll b2 bb3 #6					
1	b2	bb3	bb4	5	#6	7
Cb	Dbb	Ebbb	Fbbb	Gb	A	Bb
Gb	Abb	Bbbb	Cbbb	Db	E	F
Db	Ebb	Fbb	Gbbb	Ab	B	C
Ab	Bbb	Cbb	Dbbb	Eb	F#	G
Eb	Fb	Gbb	Abbb	Bb	C#	D
Bb	Cb	Dbb	Ebbb	F	G#	A
F	Gb	Abb	Bbbb	C	D#	E
C	Db	Ebb	Fbb	G	A#	B
G	Ab	Bbb	Cbb	D	E#	F#
D	Eb	Fb	Gbb	A	B#	C#
A	Bb	Cb	Dbb	E	F##	G#
E	F	Gb	Abb	B	C##	D#
B	C	Db	Ebb	F#	G##	A#
F#	G	Ab	Bbb	C#	D##	E#
C#	D	Eb	Fb	G#	A##	B#

[5]	Moll b2 bb3 #5 #6					
1	b2	bb3	bb4	#5	#6	7
Cb	Dbb	Ebbb	Fbbb	G	A	Bb
Gb	Abb	Bbbb	Cbbb	D	E	F
Db	Ebb	Fbb	Gbbb	A	B	C
Ab	Bbb	Cbb	Dbbb	E	F#	G
Eb	Fb	Gbb	Abbb	B	C#	D
Bb	Cb	Dbb	Ebbb	F#	G#	A
F	Gb	Abb	Bbbb	C#	D#	E
C	Db	Ebb	Fbb	G#	A#	B
G	Ab	Bbb	Cbb	D#	E#	F#
D	Eb	Fb	Gbb	A#	B#	C#
A	Bb	Cb	Dbb	E#	F##	G#
E	F	Gb	Abb	B#	C##	D#
B	C	Db	Ebb	F##	G##	A#
F#	G	Ab	Bbb	C##	D##	E#
C#	D	Eb	Fb	G##	A##	B#

[6]	Moll ###4 ##5 #6					
1	2	b3	###4	##5	#6	7
Cb	Db	Ebb	F##	G#	A	Bb
Gb	Ab	Bbb	C##	D#	E	F
Db	Eb	Fb	G##	A#	B	C
Ab	Bb	Cb	D##	E#	F#	G
Eb	F	Gb	A##	B#	C#	D
Bb	C	Db	E##	F##	G#	A
F	G	Ab	B##	C##	D#	E
C	D	Eb	F###	G##	A#	B
G	A	Bb	C###	D##	E#	F#
D	E	F	G###	A##	B#	C#
A	B	C	D###	E##	F##	G#
E	F#	G	A###	B##	C##	D#
B	C#	D	E###	F###	G##	A#
F#	G#	A	B###	C###	D##	E#
C#	D#	E	F####	G###	A##	B#

[7]	Moll b2 ##5 #6					
1	b2	b3	4	##5	#6	7
Cb	Dbb	Ebb	Fb	G#	A	Bb
Gb	Abb	Bbb	Cb	D#	E	F
Db	Ebb	Fb	Gb	A#	B	C
Ab	Bbb	Cb	Db	E#	F#	G
Eb	Fb	Gb	Ab	B#	C#	D
Bb	Cb	Db	Eb	F##	G#	A
F	Gb	Ab	Bb	C##	D#	E
C	Db	Eb	F	G##	A#	B
G	Ab	Bb	C	D##	E#	F#
D	Eb	F	G	A##	B#	C#
A	Bb	C	D	E##	F##	G#
E	F	G	A	B##	C##	D#
B	C	D	E	F###	G##	A#
F#	G	A	B	C###	D##	E#
C#	D	E	F#	G###	A##	B#

[8]	Moll b2 #4 ##5 #6					
1	b2	b3	#4	##5	#6	7
Cb	Dbb	Ebb	F	G#	A	Bb
Gb	Abb	Bbb	C	D#	E	F
Db	Ebb	Fb	G	A#	B	C
Ab	Bbb	Cb	D	E#	F#	G
Eb	Fb	Gb	A	B#	C#	D
Bb	Cb	Db	E	F##	G#	A
F	Gb	Ab	B	C##	D#	E
C	Db	Eb	F#	G##	A#	B
G	Ab	Bb	C#	D##	E#	F#
D	Eb	F	G#	A##	B#	C#
A	Bb	C	D#	E##	F##	G#
E	F	G	A#	B##	C##	D#
B	C	D	E#	F###	G##	A#
F#	G	A	B#	C###	D##	E#
C#	D	E	F##	G###	A##	B#

[9]	Moll b2 ##4 ##5 #6					
1	b2	b3	##4	##5	#6	7
Cb	Dbb	Ebb	F#	G#	A	Bb
Gb	Abb	Bbb	C#	D#	E	F
Db	Ebb	Fb	G#	A#	B	C
Ab	Bbb	Cb	D#	E#	F#	G
Eb	Fb	Gb	A#	B#	C#	D
Bb	Cb	Db	E#	F##	G#	A
F	Gb	Ab	B#	C##	D#	E
C	Db	Eb	F##	G##	A#	B
G	Ab	Bb	C##	D##	E#	F#
D	Eb	F	G##	A##	B#	C#
A	Bb	C	D##	E##	F##	G#
E	F	G	A##	B##	C##	D#
B	C	D	E##	F###	G##	A#
F#	G	A	B##	C###	D##	E#
C#	D	E	F###	G###	A##	B#

[10]	Dur b2 ##5 #6					
1	b2	3	4	##5	#6	7
Cb	Dbb	Eb	Fb	G#	A	Bb
Gb	Abb	Bb	Cb	D#	E	F
Db	Ebb	F	Gb	A#	B	C
Ab	Bbb	C	Db	E#	F#	G
Eb	Fb	G	Ab	B#	C#	D
Bb	Cb	D	Eb	F##	G#	A
F	Gb	A	Bb	C##	D#	E
C	Db	E	F	G##	A#	B
G	Ab	B	C	D##	E#	F#
D	Eb	F#	G	A##	B#	C#
A	Bb	C#	D	E##	F##	G#
E	F	G#	A	B##	C##	D#
B	C	D#	E	F###	G##	A#
F#	G	A#	B	C###	D##	E#
C#	D	E#	F#	G###	A##	B#

[11]	Dur b2 #4 ##5 #6					
1	b2	3	#4	##5	#6	7
Cb	Dbb	Eb	F	G#	A	Bb
Gb	Abb	Bb	C	D#	E	F
Db	Ebb	F	G	A#	B	C
Ab	Bbb	C	D	E#	F#	G
Eb	Fb	G	A	B#	C#	D
Bb	Cb	D	E	F##	G#	A
F	Gb	A	B	C##	D#	E
C	Db	E	F#	G##	A#	B
G	Ab	B	C#	D##	E#	F#
D	Eb	F#	G#	A##	B#	C#
A	Bb	C#	D#	E##	F##	G#
E	F	G#	A#	B##	C##	D#
B	C	D#	E#	F###	G##	A#
F#	G	A#	B#	C###	D##	E#
C#	D	E#	F##	G###	A##	B#

[12]	Dur b2 ##4 ##5 #6					
1	b2	3	##4	##5	#6	7
Cb	Dbb	Eb	F#	G#	A	Bb
Gb	Abb	Bb	C#	D#	E	F
Db	Ebb	F	G#	A#	B	C
Ab	Bbb	C	D#	E#	F#	G
Eb	Fb	G	A#	B#	C#	D
Bb	Cb	D	E#	F##	G#	A
F	Gb	A	B#	C##	D#	E
C	Db	E	F##	G##	A#	B
G	Ab	B	C##	D##	E#	F#
D	Eb	F#	G##	A##	B#	C#
A	Bb	C#	D##	E##	F##	G#
E	F	G#	A##	B##	C##	D#
B	C	D#	E##	F###	G##	A#
F#	G	A#	B##	C###	D##	E#
C#	D	E#	F###	G###	A##	B#

[13]	Moll b2 bb3 b6					
1	b2	bb3	bb4	5	b6	7
Cb	Dbb	Ebbb	Fbbb	Gb	Abb	Bb
Gb	Abb	Bbbb	Cbbb	Db	Ebb	F
Db	Ebb	Fbb	Gbbb	Ab	Bbb	C
Ab	Bbb	Cbb	Dbbb	Eb	Fb	G
Eb	Fb	Gbb	Abbb	Bb	Cb	D
Bb	Cb	Dbb	Ebbb	F	Gb	A
F	Gb	Abb	Bbbb	C	Db	E
C	Db	Ebb	Fbb	G	Ab	B
G	Ab	Bbb	Cbb	D	Eb	F#
D	Eb	Fb	Gbb	A	Bb	C#
A	Bb	Cb	Dbb	E	F	G#
E	F	Gb	Abb	B	C	D#
B	C	Db	Ebb	F#	G	A#
F#	G	Ab	Bbb	C#	D	E#
C#	D	Eb	Fb	G#	A	B#

[14]	Moll b2 bb3					
1	b2	bb3	bb4	5	6	7
Cb	Dbb	Ebbb	Fbbb	Gb	Ab	Bb
Gb	Abb	Bbbb	Cbbb	Db	Eb	F
Db	Ebb	Fbb	Gbbb	Ab	Bb	C
Ab	Bbb	Cbb	Dbbb	Eb	F	G
Eb	Fb	Gbb	Abbb	Bb	C	D
Bb	Cb	Dbb	Ebbb	F	G	A
F	Gb	Abb	Bbbb	C	D	E
C	Db	Ebb	Fbb	G	A	B
G	Ab	Bbb	Cbb	D	E	F#
D	Eb	Fb	Gbb	A	B	C#
A	Bb	Cb	Dbb	E	F#	G#
E	F	Gb	Abb	B	C#	D#
B	C	Db	Ebb	F#	G#	A#
F#	G	Ab	Bbb	C#	D#	E#
C#	D	Eb	Fb	G#	A#	B#

[15]	Moll b2 bb3 #5					
1	b2	bb3	bb4	#5	6	7
Cb	Dbb	Ebbb	Fbbb	G	Ab	Bb
Gb	Abb	Bbbb	Cbbb	D	Eb	F
Db	Ebb	Fbb	Gbbb	A	Bb	C
Ab	Bbb	Cbb	Dbbb	E	F	G
Eb	Fb	Gbb	Abbb	B	C	D
Bb	Cb	Dbb	Ebbb	F#	G	A
F	Gb	Abb	Bbbb	C#	D	E
C	Db	Ebb	Fbb	G#	A	B
G	Ab	Bbb	Cbb	D#	E	F#
D	Eb	Fb	Gbb	A#	B	C#
A	Bb	Cb	Dbb	E#	F#	G#
E	F	Gb	Abb	B#	C#	D#
B	C	Db	Ebb	F##	G#	A#
F#	G	Ab	Bbb	C##	D#	E#
C#	D	Eb	Fb	G##	A#	B#

[16]	Dur b2 bb3 bb5 bbb6					
1	b2	bb3	b4	bb5	bbb6	7
Cb	Dbb	Ebbb	Fbb	Gbbb	Abbbb	Bb
Gb	Abb	Bbbb	Cbb	Dbbb	Ebbbb	F
Db	Ebb	Fbb	Gbb	Abbb	Bbbbb	C
Ab	Bbb	Cbb	Dbb	Ebbb	Fbbb	G
Eb	Fb	Gbb	Abb	Bbbb	Cbbb	D
Bb	Cb	Dbb	Ebb	Fbb	Gbbb	A
F	Gb	Abb	Bbb	Cbb	Dbbb	E
C	Db	Ebb	Fb	Gbb	Abbb	B
G	Ab	Bbb	Cb	Dbb	Ebbb	F#
D	Eb	Fb	Gb	Abb	Bbbb	C#
A	Bb	Cb	Db	Ebb	Fbb	G#
E	F	Gb	Ab	Bbb	Cbb	D#
B	C	Db	Eb	Fb	Gbb	A#
F#	G	Ab	Bb	Cb	Dbb	E#
C#	D	Eb	F	Gb	Abb	B#

[17]	Moll ##5 #6					
1	2	b3	4	##5	#6	7
Cb	Db	Ebb	Fb	G#	A	Bb
Gb	Ab	Bbb	Cb	D#	E	F
Db	Eb	Fb	Gb	A#	B	C
Ab	Bb	Cb	Db	E#	F#	G
Eb	F	Gb	Ab	B#	C#	D
Bb	C	Db	Eb	F##	G#	A
F	G	Ab	Bb	C##	D#	E
C	D	Eb	F	G##	A#	B
G	A	Bb	C	D##	E#	F#
D	E	F	G	A##	B#	C#
A	B	C	D	E##	F##	G#
E	F#	G	A	B##	C##	D#
B	C#	D	E	F###	G##	A#
F#	G#	A	B	C###	D##	E#
C#	D#	E	F#	G###	A##	B#

[18]	Moll #4 ##5 #6					
1	2	b3	#4	##5	#6	7
Cb	Db	Ebb	F	G#	A	Bb
Gb	Ab	Bbb	C	D#	E	F
Db	Eb	Fb	G	A#	B	C
Ab	Bb	Cb	D	E#	F#	G
Eb	F	Gb	A	B#	C#	D
Bb	C	Db	E	F##	G#	A
F	G	Ab	B	C##	D#	E
C	D	Eb	F#	G##	A#	B
G	A	Bb	C#	D##	E#	F#
D	E	F	G#	A##	B#	C#
A	B	C	D#	E##	F##	G#
E	F#	G	A#	B##	C##	D#
B	C#	D	E#	F###	G##	A#
F#	G#	A	B#	C###	D##	E#
C#	D#	E	F##	G###	A##	B#

[19]	Moll ##4 ##5 #6					
1	2	b3	##4	##5	#6	7
Cb	Db	Ebb	F#	G#	A	Bb
Gb	Ab	Bbb	C#	D#	E	F
Db	Eb	Fb	G#	A#	B	C
Ab	Bb	Cb	D#	E#	F#	G
Eb	F	Gb	A#	B#	C#	D
Bb	C	Db	E#	F##	G#	A
F	G	Ab	B#	C##	D#	E
C	D	Eb	F##	G##	A#	B
G	A	Bb	C##	D##	E#	F#
D	E	F	G##	A##	B#	C#
A	B	C	D##	E##	F##	G#
E	F#	G	A##	B##	C##	D#
B	C#	D	E##	F###	G##	A#
F#	G#	A	B##	C###	D##	E#
C#	D#	E	F###	G###	A##	B#

[20]	Moll b2 b5 #6					
1	b2	b3	4	b5	#6	7
Cb	Dbb	Ebb	Fb	Gbb	A	Bb
Gb	Abb	Bbb	Cb	Dbb	E	F
Db	Ebb	Fb	Gb	Abb	B	C
Ab	Bbb	Cb	Db	Ebb	F#	G
Eb	Fb	Gb	Ab	Bbb	C#	D
Bb	Cb	Db	Eb	Fb	G#	A
F	Gb	Ab	Bb	Cb	D#	E
C	Db	Eb	F	Gb	A#	B
G	Ab	Bb	C	Db	E#	F#
D	Eb	F	G	Ab	B#	C#
A	Bb	C	D	Eb	F##	G#
E	F	G	A	Bb	C##	D#
B	C	D	E	F	G##	A#
F#	G	A	B	C	D##	E#
C#	D	E	F#	G	A##	B#

[21]	Moll b2 #6					
1	b2	b3	4	5	#6	7
Cb	Dbb	Ebb	Fb	Gb	A	Bb
Gb	Abb	Bbb	Cb	Db	E	F
Db	Ebb	Fb	Gb	Ab	B	C
Ab	Bbb	Cb	Db	Eb	F#	G
Eb	Fb	Gb	Ab	Bb	C#	D
Bb	Cb	Db	Eb	F	G#	A
F	Gb	Ab	Bb	C	D#	E
C	Db	Eb	F	G	A#	B
G	Ab	Bb	C	D	E#	F#
D	Eb	F	G	A	B#	C#
A	Bb	C	D	E	F##	G#
E	F	G	A	B	C##	D#
B	C	D	E	F#	G##	A#
F#	G	A	B	C#	D##	E#
C#	D	E	F#	G#	A##	B#

[22]	Moll b2 #5 #6					
1	b2	b3	4	#5	#6	7
Cb	Dbb	Ebb	Fb	G	A	Bb
Gb	Abb	Bbb	Cb	D	E	F
Db	Ebb	Fb	Gb	A	B	C
Ab	Bbb	Cb	Db	E	F#	G
Eb	Fb	Gb	Ab	B	C#	D
Bb	Cb	Db	Eb	F#	G#	A
F	Gb	Ab	Bb	C#	D#	E
C	Db	Eb	F	G#	A#	B
G	Ab	Bb	C	D#	E#	F#
D	Eb	F	G	A#	B#	C#
A	Bb	C	D	E#	F##	G#
E	F	G	A	B#	C##	D#
B	C	D	E	F##	G##	A#
F#	G	A	B	C##	D##	E#
C#	D	E	F#	G##	A##	B#

[23]	Moll b2 #4 #6					
1	b2	b3	#4	5	#6	7
Cb	Dbb	Ebb	F	Gb	A	Bb
Gb	Abb	Bbb	C	Db	E	F
Db	Ebb	Fb	G	Ab	B	C
Ab	Bbb	Cb	D	Eb	F#	G
Eb	Fb	Gb	A	Bb	C#	D
Bb	Cb	Db	E	F	G#	A
F	Gb	Ab	B	C	D#	E
C	Db	Eb	F#	G	A#	B
G	Ab	Bb	C#	D	E#	F#
D	Eb	F	G#	A	B#	C#
A	Bb	C	D#	E	F##	G#
E	F	G	A#	B	C##	D#
B	C	D	E#	F#	G##	A#
F#	G	A	B#	C#	D##	E#
C#	D	E	F##	G#	A##	B#

[24]	Moll b2 #4 #5 #6					
1	b2	b3	#4	#5	#6	7
Cb	Dbb	Ebb	F	G	A	Bb
Gb	Abb	Bbb	C	D	E	F
Db	Ebb	Fb	G	A	B	C
Ab	Bbb	Cb	D	E	F#	G
Eb	Fb	Gb	A	B	C#	D
Bb	Cb	Db	E	F#	G#	A
F	Gb	Ab	B	C#	D#	E
C	Db	Eb	F#	G#	A#	B
G	Ab	Bb	C#	D#	E#	F#
D	Eb	F	G#	A#	B#	C#
A	Bb	C	D#	E#	F##	G#
E	F	G	A#	B#	C##	D#
B	C	D	E#	F##	G##	A#
F#	G	A	B#	C##	D##	E#
C#	D	E	F##	G##	A##	B#

[25]	Moll b2 ##4 #5 #6					
1	b2	b3	##4	#5	#6	7
Cb	Dbb	Ebb	F#	G	A	Bb
Gb	Abb	Bbb	C#	D	E	F
Db	Ebb	Fb	G#	A	B	C
Ab	Bbb	Cb	D#	E	F#	G
Eb	Fb	Gb	A#	B	C#	D
Bb	Cb	Db	E#	F#	G#	A
F	Gb	Ab	B#	C#	D#	E
C	Db	Eb	F##	G#	A#	B
G	Ab	Bb	C##	D#	E#	F#
D	Eb	F	G##	A#	B#	C#
A	Bb	C	D##	E#	F##	G#
E	F	G	A##	B#	C##	D#
B	C	D	E##	F##	G##	A#
F#	G	A	B##	C##	D##	E#
C#	D	E	F###	G##	A##	B#

[26]	Dur b2 b5 #6					
1	b2	3	4	b5	#6	7
Cb	Dbb	Eb	Fb	Gbb	A	Bb
Gb	Abb	Bb	Cb	Dbb	E	F
Db	Ebb	F	Gb	Abb	B	C
Ab	Bbb	C	Db	Ebb	F#	G
Eb	Fb	G	Ab	Bbb	C#	D
Bb	Cb	D	Eb	Fb	G#	A
F	Gb	A	Bb	Cb	D#	E
C	Db	E	F	Gb	A#	B
G	Ab	B	C	Db	E#	F#
D	Eb	F#	G	Ab	B#	C#
A	Bb	C#	D	Eb	F##	G#
E	F	G#	A	Bb	C##	D#
B	C	D#	E	F	G##	A#
F#	G	A#	B	C	D##	E#
C#	D	E#	F#	G	A##	B#

[27]	Dur b2#6					
1		3	4	5	#6	7
Cb	Dbb	Eb	Fb	Gb	A	Bb
Gb	Abb	Bb	Cb	Db	E	F
Db	Ebb	F	Gb	Ab	B	C
Ab	Bbb	C	Db	Eb	F#	G
Eb	Fb	G	Ab	Bb	C#	D
Bb	Cb	D	Eb	F	G#	A
F	Gb	A	Bb	C	D#	E
C	Db	E	F	G	A#	B
G	Ab	B	C	D	E#	F#
D	Eb	F#	G	A	B#	C#
A	Bb	C#	D	E	F##	G#
E	F	G#	A	B	C##	D#
B	C	D#	E	F#	G##	A#
F#	G	A#	B	C#	D##	E#
C#	D	E#	F#	G#	A##	B#

[28]	Dur b2 #5 #6					
1	b2	3	4	#5	#6	7
Cb	Dbb	Eb	Fb	G	A	Bb
Gb	Abb	Bb	Cb	D	E	F
Db	Ebb	F	Gb	A	B	C
Ab	Bbb	C	Db	E	F#	G
Eb	Fb	G	Ab	B	C#	D
Bb	Cb	D	Eb	F#	G#	A
F	Gb	A	Bb	C#	D#	E
C	Db	E	F	G#	A#	B
G	Ab	B	C	D#	E#	F#
D	Eb	F#	G	A#	B#	C#
A	Bb	C#	D	E#	F##	G#
E	F	G#	A	B#	C##	D#
B	C	D#	E	F##	G##	A#
F#	G	A#	B	C##	D##	E#
C#	D	E#	F#	G##	A##	B#

[29]	Dur b2 #4 #6					
1	b2	3	#4	5	#6	7
Cb	Dbb	Eb	F	Gb	A	Bb
Gb	Abb	Bb	C	Db	E	F
Db	Ebb	F	G	Ab	B	C
Ab	Bbb	C	D	Eb	F#	G
Eb	Fb	G	A	Bb	C#	D
Bb	Cb	D	E	F	G#	A
F	Gb	A	B	C	D#	E
C	Db	E	F#	G	A#	B
G	Ab	B	C#	D	E#	F#
D	Eb	F#	G#	A	B#	C#
A	Bb	C#	D#	E	F##	G#
E	F	G#	A#	B	C##	D#
B	C	D#	E#	F#	G##	A#
F#	G	A#	B#	C#	D##	E#
C#	D	E#	F##	G#	A##	B#

[30]	Dur b2 #4 #5 #6					
1	b2	3	#4	#5	#6	7
Cb	Dbb	Eb	F	G	A	Bb
Gb	Abb	Bb	C	D	E	F
Db	Ebb	F	G	A	B	C
Ab	Bbb	C	D	E	F#	G
Eb	Fb	G	A	B	C#	D
Bb	Cb	D	E	F#	G#	A
F	Gb	A	B	C#	D#	E
C	Db	E	F#	G#	A#	B
G	Ab	B	C#	D#	E#	F#
D	Eb	F#	G#	A#	B#	C#
A	Bb	C#	D#	E#	F##	G#
E	F	G#	A#	B#	C##	D#
B	C	D#	E#	F##	G##	A#
F#	G	A#	B#	C##	D##	E#
C#	D	E#	F##	G##	A##	B#

[31]	Dur b2 ##4 #5 #6					
1	b2	3	##4	#5	#6	7
Cb	Dbb	Eb	F#	G	A	Bb
Gb	Abb	Bb	C#	D	E	F
Db	Ebb	F	G#	A	B	C
Ab	Bbb	C	D#	E	F#	G
Eb	Fb	G	A#	B	C#	D
Bb	Cb	D	E#	F#	G#	A
F	Gb	A	B#	C#	D#	E
C	Db	E	F##	G#	A#	B
G	Ab	B	C##	D#	E#	F#
D	Eb	F#	G##	A#	B#	C#
A	Bb	C#	D##	E#	F##	G#
E	F	G#	A##	B#	C##	D#
B	C	D#	E##	F##	G##	A#
F#	G	A#	B##	C##	D##	E#
C#	D	E#	F###	G##	A##	B#

[32]	Dur b2 b5 bb6					
1	b2	3	4	b5	bb6	7
Cb	Dbb	Eb	Fb	Gbb	Abbb	Bb
Gb	Abb	Bb	Cb	Dbb	Ebbb	F
Db	Ebb	F	Gb	Abb	Bbbb	C
Ab	Bbb	C	Db	Ebb	Fbb	G
Eb	Fb	G	Ab	Bbb	Cbb	D
Bb	Cb	D	Eb	Fb	Gbb	A
F	Gb	A	Bb	Cb	Dbb	E
C	Db	E	F	Gb	Abb	B
G	Ab	B	C	Db	Ebb	F#
D	Eb	F#	G	Ab	Bbb	C#
A	Bb	C#	D	Eb	Fb	G#
E	F	G#	A	Bb	Cb	D#
B	C	D#	E	F	Gb	A#
F#	G	A#	B	C	Db	E#
C#	D	E#	F#	G	Ab	B#

[33]	Dur b5 bb6					
1	2	3	4	b5	bb6	7
Cb	Db	Eb	Fb	Gbb	Abbb	Bb
Gb	Ab	Bb	Cb	Dbb	Ebbb	F
Db	Eb	F	Gb	Abb	Bbbb	C
Ab	Bb	C	Db	Ebb	Fbb	G
Eb	F	G	Ab	Bbb	Cbb	D
Bb	C	D	Eb	Fb	Gbb	A
F	G	A	Bb	Cb	Dbb	E
C	D	E	F	Gb	Abb	B
G	A	B	C	Db	Ebb	F#
D	E	F#	G	Ab	Bbb	C#
A	B	C#	D	Eb	Fb	G#
E	F#	G#	A	Bb	Cb	D#
B	C#	D#	E	F	Gb	A#
F#	G#	A#	B	C	Db	E#
C#	D#	E#	F#	G	Ab	B#

[34]	Dur ##3 ##4 ##5 #6					
1	##2	##3	##4	##5	#6	7
Cb	D#	E#	F#	G#	A	Bb
Gb	A#	B#	C#	D#	E	F
Db	E#	F##	G#	A#	B	C
Ab	B#	C##	D#	E#	F#	G
Eb	F##	G##	A#	B#	C#	D
Bb	C##	D##	E#	F##	G#	A
F	G##	A##	B#	C##	D#	E
C	D##	E##	F##	G##	A#	B
G	A##	B##	C##	D##	E#	F#
D	E##	F###	G##	A##	B#	C#
A	B##	C###	D##	E##	F##	G#
E	F###	G###	A##	B##	C##	D#
B	C###	D###	E##	F###	G##	A#
F#	G###	A###	B##	C###	D##	E#
C#	D###	E###	F###	G###	A##	B#

[35]	Moll b4 bb5 #6					
1	2	b3	b4	bb5	#6	7
Cb	Db	Ebb	Fbb	Gbbb	A	Bb
Gb	Ab	Bbb	Cbb	Dbbb	E	F
Db	Eb	Fb	Gbb	Abbb	B	C
Ab	Bb	Cb	Dbb	Ebbb	F#	G
Eb	F	Gb	Abb	Bbbb	C#	D
Bb	C	Db	Ebb	Fbb	G#	A
F	G	Ab	Bbb	Cbb	D#	E
C	D	Eb	Fb	Gbb	A#	B
G	A	Bb	Cb	Dbb	E#	F#
D	E	F	Gb	Abb	B#	C#
A	B	C	Db	Ebb	F##	G#
E	F#	G	Ab	Bbb	C##	D#
B	C#	D	Eb	Fb	G##	A#
F#	G#	A	Bb	Cb	D##	E#
C#	D#	E	F	Gb	A##	B#

[36]	Melodisch Moll b2 ##4 #5					
1	b2	b3	##4	#5	6	7
Cb	Dbb	Ebb	F#	G	Ab	Bb
Gb	Abb	Bbb	C#	D	Eb	F
Db	Ebb	Fb	G#	A	Bb	C
Ab	Bbb	Cb	D#	E	F	G
Eb	Fb	Gb	A#	B	C	D
Bb	Cb	Db	E#	F#	G	A
F	Gb	Ab	B#	C#	D	E
C	Db	Eb	F##	G#	A	B
G	Ab	Bb	C##	D#	E	F#
D	Eb	F	G##	A#	B	C#
A	Bb	C	D##	E#	F#	G#
E	F	G	A##	B#	C#	D#
B	C	D	E##	F##	G#	A#
F#	G	A	B##	C##	D#	E#
C#	D	E	F###	G##	A#	B#

[37]	Melodisch Dur b2 ##4 #5					
1	b2	3	##4	#5	6	7
Cb	Dbb	Eb	F#	G	Ab	Bb
Gb	Abb	Bb	C#	D	Eb	F
Db	Ebb	F	G#	A	Bb	C
Ab	Bbb	C	D#	E	F	G
Eb	Fb	G	A#	B	C	D
Bb	Cb	D	E#	F#	G	A
F	Gb	A	B#	C#	D	E
C	Db	E	F##	G#	A	B
G	Ab	B	C##	D#	E	F#
D	Eb	F#	G##	A#	B	C#
A	Bb	C#	D##	E#	F#	G#
E	F	G#	A##	B#	C#	D#
B	C	D#	E##	F##	G#	A#
F#	G	A#	B##	C##	D#	E#
C#	D	E#	F###	G##	A#	B#

[38]	Dur ##3 ##4 #5 #6					
1	##2	##3	##4	#5	#6	7
Cb	D#	E#	F#	G	A	Bb
Gb	A#	B#	C#	D	E	F
Db	E#	F##	G#	A	B	C
Ab	B#	C##	D#	E	F#	G
Eb	F##	G##	A#	B	C#	D
Bb	C##	D##	E#	F#	G#	A
F	G##	A##	B#	C#	D#	E
C	D##	E##	F##	G#	A#	B
G	A##	B##	C##	D#	E#	F#
D	E##	F###	G##	A#	B#	C#
A	B##	C###	D##	E#	F##	G#
E	F###	G###	A##	B#	C##	D#
B	C###	D###	E##	F##	G##	A#
F#	G###	A###	B##	C##	D##	E#
C#	D###	E###	F###	G##	A##	B#

[39]	Moll b5 #6					
1	2	b3	4	b5	#6	7
Cb	Db	Ebb	Fb	Gbb	A	Bb
Gb	Ab	Bbb	Cb	Dbb	E	F
Db	Eb	Fb	Gb	Abb	B	C
Ab	Bb	Cb	Db	Ebb	F#	G
Eb	F	Gb	Ab	Bbb	C#	D
Bb	C	Db	Eb	Fb	G#	A
F	G	Ab	Bb	Cb	D#	E
C	D	Eb	F	Gb	A#	B
G	A	Bb	C	Db	E#	F#
D	E	F	G	Ab	B#	C#
A	B	C	D	Eb	F##	G#
E	F#	G	A	Bb	C##	D#
B	C#	D	E	F	G##	A#
F#	G#	A	B	C	D##	E#
C#	D#	E	F#	G	A##	B#

[40]	Moll #6					
1	2	b3	4	5	#6	7
Cb	Db	Ebb	Fb	Gb	A	Bb
Gb	Ab	Bbb	Cb	Db	E	F
Db	Eb	Fb	Gb	Ab	B	C
Ab	Bb	Cb	Db	Eb	F#	G
Eb	F	Gb	Ab	Bb	C#	D
Bb	C	Db	Eb	F	G#	A
F	G	Ab	Bb	C	D#	E
C	D	Eb	F	G	A#	B
G	A	Bb	C	D	E#	F#
D	E	F	G	A	B#	C#
A	B	C	D	E	F##	G#
E	F#	G	A	B	C##	D#
B	C#	D	E	F#	G##	A#
F#	G#	A	B	C#	D##	E#
C#	D#	E	F#	G#	A##	B#

[41]	Moll #5 #6					
1	2	b3	4	#5	#6	7
Cb	Db	Ebb	Fb	G	A	Bb
Gb	Ab	Bbb	Cb	D	E	F
Db	Eb	Fb	Gb	A	B	C
Ab	Bb	Cb	Db	E	F#	G
Eb	F	Gb	Ab	B	C#	D
Bb	C	Db	Eb	F#	G#	A
F	G	Ab	Bb	C#	D#	E
C	D	Eb	F	G#	A#	B
G	A	Bb	C	D#	E#	F#
D	E	F	G	A#	B#	C#
A	B	C	D	E#	F##	G#
E	F#	G	A	B#	C##	D#
B	C#	D	E	F##	G##	A#
F#	G#	A	B	C##	D##	E#
C#	D#	E	F#	G##	A##	B#

[42]	Moll #4 #6					
1	2	b3	#4	5	#6	7
Cb	Db	Ebb	F	Gb	A	Bb
Gb	Ab	Bbb	C	Db	E	F
Db	Eb	Fb	G	Ab	B	C
Ab	Bb	Cb	D	Eb	F#	G
Eb	F	Gb	A	Bb	C#	D
Bb	C	Db	E	F	G#	A
F	G	Ab	B	C	D#	E
C	D	Eb	F#	G	A#	B
G	A	Bb	C#	D	E#	F#
D	E	F	G#	A	B#	C#
A	B	C	D#	E	F##	G#
E	F#	G	A#	B	C##	D#
B	C#	D	E#	F#	G##	A#
F#	G#	A	B#	C#	D##	E#
C#	D#	E	F##	G#	A##	B#

[43]	Moll #4 #5 #6					
1	2	b3	#4	#5	#6	7
Cb	Db	Ebb	F	G	A	Bb
Gb	Ab	Bbb	C	D	E	F
Db	Eb	Fb	G	A	B	C
Ab	Bb	Cb	D	E	F#	G
Eb	F	Gb	A	B	C#	D
Bb	C	Db	E	F#	G#	A
F	G	Ab	B	C#	D#	E
C	D	Eb	F#	G#	A#	B
G	A	Bb	C#	D#	E#	F#
D	E	F	G#	A#	B#	C#
A	B	C	D#	E#	F##	G#
E	F#	G	A#	B#	C##	D#
B	C#	D	E#	F##	G##	A#
F#	G#	A	B#	C##	D##	E#
C#	D#	E	F##	G##	A##	B#

[44]	Moll ##4 #5 #6					
1	2	b3	##4	#5	#6	7
Cb	Db	Ebb	F#	G	A	Bb
Gb	Ab	Bbb	C#	D	E	F
Db	Eb	Fb	G#	A	B	C
Ab	Bb	Cb	D#	E	F#	G
Eb	F	Gb	A#	B	C#	D
Bb	C	Db	E#	F#	G#	A
F	G	Ab	B#	C#	D#	E
C	D	Eb	F##	G#	A#	B
G	A	Bb	C##	D#	E#	F#
D	E	F	G##	A#	B#	C#
A	B	C	D##	E#	F##	G#
E	F#	G	A##	B#	C##	D#
B	C#	D	E##	F##	G##	A#
F#	G#	A	B##	C##	D##	E#
C#	D#	E	F###	G##	A##	B#

[45]	Dur b5 #6					
1	2	3	4	b5	#6	7
Cb	Db	Eb	Fb	Gbb	A	Bb
Gb	Ab	Bb	Cb	Dbb	E	F
Db	Eb	F	Gb	Abb	B	C
Ab	Bb	C	Db	Ebb	F#	G
Eb	F	G	Ab	Bbb	C#	D
Bb	C	D	Eb	Fb	G#	A
F	G	A	Bb	Cb	D#	E
C	D	E	F	Gb	A#	B
G	A	B	C	Db	E#	F#
D	E	F#	G	Ab	B#	C#
A	B	C#	D	Eb	F##	G#
E	F#	G#	A	Bb	C##	D#
B	C#	D#	E	F	G##	A#
F#	G#	A#	B	C	D##	E#
C#	D#	E#	F#	G	A##	B#

[46]	Dur #6					
1	2	3	4	5	#6	7
Cb	Db	Eb	Fb	Gb	A	Bb
Gb	Ab	Bb	Cb	Db	E	F
Db	Eb	F	Gb	Ab	B	C
Ab	Bb	C	Db	Eb	F#	G
Eb	F	G	Ab	Bb	C#	D
Bb	C	D	Eb	F	G#	A
F	G	A	Bb	C	D#	E
C	D	E	F	G	A#	B
G	A	B	C	D	E#	F#
D	E	F#	G	A	B#	C#
A	B	C#	D	E	F##	G#
E	F#	G#	A	B	C##	D#
B	C#	D#	E	F#	G##	A#
F#	G#	A#	B	C#	D##	E#
C#	D#	E#	F#	G#	A##	B#

[47]	Melodisch Moll b2 b5					
1	b2	b3	4	b5	6	7
Cb	Dbb	Ebb	Fb	Gbb	Ab	Bb
Gb	Abb	Bbb	Cb	Dbb	Eb	F
Db	Ebb	Fb	Gb	Abb	Bb	C
Ab	Bbb	Cb	Db	Ebb	F	G
Eb	Fb	Gb	Ab	Bbb	C	D
Bb	Cb	Db	Eb	Fb	G	A
F	Gb	Ab	Bb	Cb	D	E
C	Db	Eb	F	Gb	A	B
G	Ab	Bb	C	Db	E	F#
D	Eb	F	G	Ab	B	C#
A	Bb	C	D	Eb	F#	G#
E	F	G	A	Bb	C#	D#
B	C	D	E	F	G#	A#
F#	G	A	B	C	D#	E#
C#	D	E	F#	G	A#	B#

[48]	Harmonisch Moll b2					
1	b2	b3	4	5	b6	7
Cb	Dbb	Ebb	Fb	Gb	Abb	Bb
Gb	Abb	Bbb	Cb	Db	Ebb	F
Db	Ebb	Fb	Gb	Ab	Bbb	C
Ab	Bbb	Cb	Db	Eb	Fb	G
Eb	Fb	Gb	Ab	Bb	Cb	D
Bb	Cb	Db	Eb	F	Gb	A
F	Gb	Ab	Bb	C	Db	E
C	Db	Eb	F	G	Ab	B
G	Ab	Bb	C	D	Eb	F#
D	Eb	F	G	A	Bb	C#
A	Bb	C	D	E	F	G#
E	F	G	A	B	C	D#
B	C	D	E	F#	G	A#
F#	G	A	B	C#	D	E#
C#	D	E	F#	G#	A	B#

[49]	Melodisch Moll b2					
1	b2	b3	4	5	6	7
Cb	Dbb	Ebb	Fb	Gb	Ab	Bb
Gb	Abb	Bbb	Cb	Db	Eb	F
Db	Ebb	Fb	Gb	Ab	Bb	C
Ab	Bbb	Cb	Db	Eb	F	G
Eb	Fb	Gb	Ab	Bb	C	D
Bb	Cb	Db	Eb	F	G	A
F	Gb	Ab	Bb	C	D	E
C	Db	Eb	F	G	A	B
G	Ab	Bb	C	D	E	F#
D	Eb	F	G	A	B	C#
A	Bb	C	D	E	F#	G#
E	F	G	A	B	C#	D#
B	C	D	E	F#	G#	A#
F#	G	A	B	C#	D#	E#
C#	D	E	F#	G#	A#	B#

[50]	Melodisch Moll b2 #5					
1	b2	b3	4	#5	6	7
Cb	Dbb	Ebb	Fb	G	Ab	Bb
Gb	Abb	Bbb	Cb	D	Eb	F
Db	Ebb	Fb	Gb	A	Bb	C
Ab	Bbb	Cb	Db	E	F	G
Eb	Fb	Gb	Ab	B	C	D
Bb	Cb	Db	Eb	F#	G	A
F	Gb	Ab	Bb	C#	D	E
C	Db	Eb	F	G#	A	B
G	Ab	Bb	C	D#	E	F#
D	Eb	F	G	A#	B	C#
A	Bb	C	D	E#	F#	G#
E	F	G	A	B#	C#	D#
B	C	D	E	F##	G#	A#
F#	G	A	B	C##	D#	E#
C#	D	E	F#	G##	A#	B#

[51]	Harmonisch Dur b2 b5					
1	b2	3	4	b5	b6	7
Cb	Dbb	Eb	Fb	Gbb	Abb	Bb
Gb	Abb	Bb	Cb	Dbb	Ebb	F
Db	Ebb	F	Gb	Abb	Bbb	C
Ab	Bbb	C	Db	Ebb	Fb	G
Eb	Fb	G	Ab	Bbb	Cb	D
Bb	Cb	D	Eb	Fb	Gb	A
F	Gb	A	Bb	Cb	Db	E
C	Db	E	F	Gb	Ab	B
G	Ab	B	C	Db	Eb	F#
D	Eb	F#	G	Ab	Bb	C#
A	Bb	C#	D	Eb	F	G#
E	F	G#	A	Bb	C	D#
B	C	D#	E	F	G	A#
F#	G	A#	B	C	D	E#
C#	D	E#	F#	G	A	B#

[52]	Harmonisch Dur b5					
1	2	3	4	b5	b6	7
Cb	Db	Eb	Fb	Gbb	Abb	Bb
Gb	Ab	Bb	Cb	Dbb	Ebb	F
Db	Eb	F	Gb	Abb	Bbb	C
Ab	Bb	C	Db	Ebb	Fb	G
Eb	F	G	Ab	Bbb	Cb	D
Bb	C	D	Eb	Fb	Gb	A
F	G	A	Bb	Cb	Db	E
C	D	E	F	Gb	Ab	B
G	A	B	C	Db	Eb	F#
D	E	F#	G	Ab	Bb	C#
A	B	C#	D	Eb	F	G#
E	F#	G#	A	Bb	C	D#
B	C#	D#	E	F	G	A#
F#	G#	A#	B	C	D	E#
C#	D#	E#	F#	G	A	B#

[53]	Melodisch Moll b2 #4 #5					
1	b2	b3	#4	#5	6	7
Cb	Dbb	Ebb	F	G	Ab	Bb
Gb	Abb	Bbb	C	D	Eb	F
Db	Ebb	Fb	G	A	Bb	C
Ab	Bbb	Cb	D	E	F	G
Eb	Fb	Gb	A	B	C	D
Bb	Cb	Db	E	F#	G	A
F	Gb	Ab	B	C#	D	E
C	Db	Eb	F#	G#	A	B
G	Ab	Bb	C#	D#	E	F#
D	Eb	F	G#	A#	B	C#
A	Bb	C	D#	E#	F#	G#
E	F	G	A#	B#	C#	D#
B	C	D	E#	F##	G#	A#
F#	G	A	B#	C##	D#	E#
C#	D	E	F##	G##	A#	B#

[54]	Melodisch Dur b2 b5					
1	b2	3	4	b5	6	7
Cb	Dbb	Eb	Fb	Gbb	Ab	Bb
Gb	Abb	Bb	Cb	Dbb	Eb	F
Db	Ebb	F	Gb	Abb	Bb	C
Ab	Bbb	C	Db	Ebb	F	G
Eb	Fb	G	Ab	Bbb	C	D
Bb	Cb	D	Eb	Fb	G	A
F	Gb	A	Bb	Cb	D	E
C	Db	E	F	Gb	A	B
G	Ab	B	C	Db	E	F#
D	Eb	F#	G	Ab	B	C#
A	Bb	C#	D	Eb	F#	G#
E	F	G#	A	Bb	C#	D#
B	C	D#	E	F	G#	A#
F#	G	A#	B	C	D#	E#
C#	D	E#	F#	G	A#	B#

[55]	Harmonisch Dur b2					
1	b2	3	4	5	b6	7
Cb	Dbb	Eb	Fb	Gb	Abb	Bb
Gb	Abb	Bb	Cb	Db	Ebb	F
Db	Ebb	F	Gb	Ab	Bbb	C
Ab	Bbb	C	Db	Eb	Fb	G
Eb	Fb	G	Ab	Bb	Cb	D
Bb	Cb	D	Eb	F	Gb	A
F	Gb	A	Bb	C	Db	E
C	Db	E	F	G	Ab	B
G	Ab	B	C	D	Eb	F#
D	Eb	F#	G	A	Bb	C#
A	Bb	C#	D	E	F	G#
E	F	G#	A	B	C	D#
B	C	D#	E	F#	G	A#
F#	G	A#	B	C#	D	E#
C#	D	E#	F#	G#	A	B#

[56]	Melodisch Dur b2					
1	b2	3	4	5	6	7
Cb	Dbb	Eb	Fb	Gb	Ab	Bb
Gb	Abb	Bb	Cb	Db	Eb	F
Db	Ebb	F	Gb	Ab	Bb	C
Ab	Bbb	C	Db	Eb	F	G
Eb	Fb	G	Ab	Bb	C	D
Bb	Cb	D	Eb	F	G	A
F	Gb	A	Bb	C	D	E
C	Db	E	F	G	A	B
G	Ab	B	C	D	E	F#
D	Eb	F#	G	A	B	C#
A	Bb	C#	D	E	F#	G#
E	F	G#	A	B	C#	D#
B	C	D#	E	F#	G#	A#
F#	G	A#	B	C#	D#	E#
C#	D	E#	F#	G#	A#	B#

[57]	Melodisch Dur b2 #5					
1	b2	3	4	#5	6	7
Cb	Dbb	Eb	Fb	G	Ab	Bb
Gb	Abb	Bb	Cb	D	Eb	F
Db	Ebb	F	Gb	A	Bb	C
Ab	Bbb	C	Db	E	F	G
Eb	Fb	G	Ab	B	C	D
Bb	Cb	D	Eb	F#	G	A
F	Gb	A	Bb	C#	D	E
C	Db	E	F	G#	A	B
G	Ab	B	C	D#	E	F#
D	Eb	F#	G	A#	B	C#
A	Bb	C#	D	E#	F#	G#
E	F	G#	A	B#	C#	D#
B	C	D#	E	F##	G#	A#
F#	G	A#	B	C##	D#	E#
C#	D	E#	F#	G##	A#	B#

[58]	Melodisch Dur b5					
1	2	3	4	b5	6	7
Cb	Db	Eb	Fb	Gbb	Ab	Bb
Gb	Ab	Bb	Cb	Dbb	Eb	F
Db	Eb	F	Gb	Abb	Bb	C
Ab	Bb	C	Db	Ebb	F	G
Eb	F	G	Ab	Bbb	C	D
Bb	C	D	Eb	Fb	G	A
F	G	A	Bb	Cb	D	E
C	D	E	F	Gb	A	B
G	A	B	C	Db	E	F#
D	E	F#	G	Ab	B	C#
A	B	C#	D	Eb	F#	G#
E	F#	G#	A	Bb	C#	D#
B	C#	D#	E	F	G#	A#
F#	G#	A#	B	C	D#	E#
C#	D#	E#	F#	G	A#	B#

[59]	Melodisch Dur b2 #4 #5					
1	b2	3	#4	#5	6	7
Cb	Dbb	Eb	F	G	Ab	Bb
Gb	Abb	Bb	C	D	Eb	F
Db	Ebb	F	G	A	Bb	C
Ab	Bbb	C	D	E	F	G
Eb	Fb	G	A	B	C	D
Bb	Cb	D	E	F#	G	A
F	Gb	A	B	C#	D	E
C	Db	E	F#	G#	A	B
G	Ab	B	C#	D#	E	F#
D	Eb	F#	G#	A#	B	C#
A	Bb	C#	D#	E#	F#	G#
E	F	G#	A#	B#	C#	D#
B	C	D#	E#	F##	G#	A#
F#	G	A#	B#	C##	D#	E#
C#	D	E#	F##	G##	A#	B#

[60]	Moll b5 bb6					
1	2	b3	4	b5	bb6	7
Cb	Db	Ebb	Fb	Gbb	Abbb	Bb
Gb	Ab	Bbb	Cb	Dbb	Ebbb	F
Db	Eb	Fb	Gb	Abb	Bbbb	C
Ab	Bb	Cb	Db	Ebb	Fbb	G
Eb	F	Gb	Ab	Bbb	Cbb	D
Bb	C	Db	Eb	Fb	Gbb	A
F	G	Ab	Bb	Cb	Dbb	E
C	D	Eb	F	Gb	Abb	B
G	A	Bb	C	Db	Ebb	F#
D	E	F	G	Ab	Bbb	C#
A	B	C	D	Eb	Fb	G#
E	F#	G	A	Bb	Cb	D#
B	C#	D	E	F	Gb	A#
F#	G#	A	B	C	Db	E#
C#	D#	E	F#	G	Ab	B#

[61]	Harmonisch Moll b5					
1	2	b3	4	b5	b6	7
Cb	Db	Ebb	Fb	Gbb	Abb	Bb
Gb	Ab	Bbb	Cb	Dbb	Ebb	F
Db	Eb	Fb	Gb	Abb	Bbb	C
Ab	Bb	Cb	Db	Ebb	Fb	G
Eb	F	Gb	Ab	Bbb	Cb	D
Bb	C	Db	Eb	Fb	Gb	A
F	G	Ab	Bb	Cb	Db	E
C	D	Eb	F	Gb	Ab	B
G	A	Bb	C	Db	Eb	F#
D	E	F	G	Ab	Bb	C#
A	B	C	D	Eb	F	G#
E	F#	G	A	Bb	C	D#
B	C#	D	E	F	G	A#
F#	G#	A	B	C	D	E#
C#	D#	E	F#	G	A	B#

[62]	Melodisch Moll b5					
1	2	b3	4	b5	6	7
Cb	Db	Ebb	Fb	Gbb	Ab	Bb
Gb	Ab	Bbb	Cb	Dbb	Eb	F
Db	Eb	Fb	Gb	Abb	Bb	C
Ab	Bb	Cb	Db	Ebb	F	G
Eb	F	Gb	Ab	Bbb	C	D
Bb	C	Db	Eb	Fb	G	A
F	G	Ab	Bb	Cb	D	E
C	D	Eb	F	Gb	A	B
G	A	Bb	C	Db	E	F#
D	E	F	G	Ab	B	C#
A	B	C	D	Eb	F#	G#
E	F#	G	A	Bb	C#	D#
B	C#	D	E	F	G#	A#
F#	G#	A	B	C	D#	E#
C#	D#	E	F#	G	A#	B#

[63]	Harmonisch Moll					
1	2	b3	4	5	b6	7
Cb	Db	Ebb	Fb	Gb	Abb	Bb
Gb	Ab	Bbb	Cb	Db	Ebb	F
Db	Eb	Fb	Gb	Ab	Bbb	C
Ab	Bb	Cb	Db	Eb	Fb	G
Eb	F	Gb	Ab	Bb	Cb	D
Bb	C	Db	Eb	F	Gb	A
F	G	Ab	Bb	C	Db	E
C	D	Eb	F	G	Ab	B
G	A	Bb	C	D	Eb	F#
D	E	F	G	A	Bb	C#
A	B	C	D	E	F	G#
E	F#	G	A	B	C	D#
B	C#	D	E	F#	G	A#
F#	G#	A	B	C#	D	E#
C#	D#	E	F#	G#	A	B#

[64]	Melodisch Moll					
1	2	b3	4	5	6	7
Cb	Db	Ebb	Fb	Gb	Ab	Bb
Gb	Ab	Bbb	Cb	Db	Eb	F
Db	Eb	Fb	Gb	Ab	Bb	C
Ab	Bb	Cb	Db	Eb	F	G
Eb	F	Gb	Ab	Bb	C	D
Bb	C	Db	Eb	F	G	A
F	G	Ab	Bb	C	D	E
C	D	Eb	F	G	A	B
G	A	Bb	C	D	E	F#
D	E	F	G	A	B	C#
A	B	C	D	E	F#	G#
E	F#	G	A	B	C#	D#
B	C#	D	E	F#	G#	A#
F#	G#	A	B	C#	D#	E#
C#	D#	E	F#	G#	A#	B#

[65]	Harmonisch Dur					
1	2	3	4	5	b6	7
Cb	Db	Eb	Fb	Gb	Abb	Bb
Gb	Ab	Bb	Cb	Db	Ebb	F
Db	Eb	F	Gb	Ab	Bbb	C
Ab	Bb	C	Db	Eb	Fb	G
Eb	F	G	Ab	Bb	Cb	D
Bb	C	D	Eb	F	Gb	A
F	G	A	Bb	C	Db	E
C	D	E	F	G	Ab	B
G	A	B	C	D	Eb	F#
D	E	F#	G	A	Bb	C#
A	B	C#	D	E	F	G#
E	F#	G#	A	B	C	D#
B	C#	D#	E	F#	G	A#
F#	G#	A#	B	C#	D	E#
C#	D#	E#	F#	G#	A	B#

[66]	Melodisch Dur					
1	2	3	4	5	6	7
Cb	Db	Eb	Fb	Gb	Ab	Bb
Gb	Ab	Bb	Cb	Db	Eb	F
Db	Eb	F	Gb	Ab	Bb	C
Ab	Bb	C	Db	Eb	F	G
Eb	F	G	Ab	Bb	C	D
Bb	C	D	Eb	F	G	A
F	G	A	Bb	C	D	E
C	D	E	F	G	A	B
G	A	B	C	D	E	F#
D	E	F#	G	A	B	C#
A	B	C#	D	E	F#	G#
E	F#	G#	A	B	C#	D#
B	C#	D#	E	F#	G#	A#
F#	G#	A#	B	C#	D#	E#
C#	D#	E#	F#	G#	A#	B#

Heptatonix

[2], [3], [6]: ###4 = f### und [16]: bbb6 = abbb können mit Guitar Pro nicht korrekt dargestellt werden

Joachim Gohlke 2019

♩ = 120

1. Moll b2 bb3 ##5 #6

1 b2 bb3 bb4 #5 #6 7 8

2. Moll b2 ###4 ##5 #6

1 b2 b3 ###4(f###)#5 #6 7 8

3. Dur b2 ###4 ##5 #6

1 b2 3 ###4(f###)#5 #6 7 8

4. Moll b2 bb3 #6

1 b2 bb3 bb4 5 #6 7 8

5. Moll b2 bb3 #5 #6

1 b2 bb3 bb4 #5 #6 7 8

6. Moll ###4 ##5 #6

1 2 b3 ###4(f###)#5 #6 7 8

7. Moll b2 ##5 #6

7

1 b2 b3 4 ##5 #6 7 8

1 b2 b3 x##5 #6 7 8

8. Moll b2 #4 ##5 #6

8

1 b2 b3 #4 ##5 #6 7 8

1 b2 b3 x##5 #6 7 8

9. Moll b2 ##4 ##5 #6

9

1 b2 b3 ##4 ##5 #6 7 8

1 b2 b3 x##4 x##5 #6 7 8

10. Dur b2 ##5 #6

10

1 b2 3 4 ##5 #6 7 8

1 b2 3 x##5 #6 7 8

11. Dur b2 #4 ##5 #6

11

1 b2 3 #4 ##5 #6 7 8

1 b2 3 x##5 #6 7 8

12. Dur b2 ##4 ##5 #6

12

1 b2 3 ##4 ##5 #6 7 8

1 b2 3 x##4 x##5 #6 7 8

13. Harmonisch Moll b2 bb3

13

1 b2 bb3 bb4 5 b6 7 8

14. Melodisch Moll b2 bb3

14

1 b2 bb3 bb4 5 6 7 8

15. Melodisch Moll b2 bb3 #5

15

1 b2 bb3 bb4 #5 6 7 8

16. Dur b2 bb3 bb5 bbb6

16

1 b2 bb3 b4 bb5 bbb6(abbb) 7 8

17. Moll ##5 #6

17

1 2 b3 4 #5 #6 7 8

18. Moll #4 ##5 #6

18

1 2 b3 #4 #5 #6 7 8

19. Moll ##4 ##5 #6

19

1 2 b3 ##4 ##5 #6 7 8

Detailed description: This exercise consists of two staves of music. The first staff contains notes for degrees 1, 2, b3, ##4, ##5, #6, 7, and 8. The notes for b3, ##4, and ##5 are marked with an 'x' above them. The second staff contains notes for degrees 1, b2, b3, #4, #5, #6, 7, and 8. The notes for b2, b3, #4, and #5 are marked with a flat below them.

20. Moll b2 b5 #6

20

1 b2 b3 4 b5 #6 7 8

Detailed description: This exercise consists of two staves of music. The first staff contains notes for degrees 1, b2, b3, 4, b5, #6, 7, and 8. The notes for b2, b3, and b5 are marked with a flat below them. The second staff contains notes for degrees 1, b2, b3, #4, #5, #6, 7, and 8. The notes for b2, b3, #4, and #5 are marked with a flat below them.

21. Moll b2 #6

21

1 b2 b3 4 5 #6 7 8

Detailed description: This exercise consists of two staves of music. The first staff contains notes for degrees 1, b2, b3, 4, 5, #6, 7, and 8. The notes for b2 and b3 are marked with a flat below them. The second staff contains notes for degrees 1, b2, b3, #4, #5, #6, 7, and 8. The notes for b2, b3, #4, and #5 are marked with a flat below them.

22. Moll b2 #5 #6

22

1 b2 b3 4 #5 #6 7 8

Detailed description: This exercise consists of two staves of music. The first staff contains notes for degrees 1, b2, b3, 4, #5, #6, 7, and 8. The notes for b2 and b3 are marked with a flat below them. The second staff contains notes for degrees 1, b2, b3, #4, #5, #6, 7, and 8. The notes for b2, b3, #4, and #5 are marked with a flat below them.

23. Moll b2 #4 #6

23

1 b2 b3 #4 5 #6 7 8

Detailed description: This exercise consists of two staves of music. The first staff contains notes for degrees 1, b2, b3, #4, 5, #6, 7, and 8. The notes for b2 and b3 are marked with a flat below them. The second staff contains notes for degrees 1, b2, b3, #4, #5, #6, 7, and 8. The notes for b2, b3, #4, and #5 are marked with a flat below them.

24. Moll b2 #4 #5 #6

24

1 b2 b3 #4 #5 #6 7 8

Detailed description: This exercise consists of two staves of music. The first staff contains notes for degrees 1, b2, b3, #4, #5, #6, 7, and 8. The notes for b2 and b3 are marked with a flat below them. The second staff contains notes for degrees 1, b2, b3, #4, #5, #6, 7, and 8. The notes for b2, b3, #4, and #5 are marked with a flat below them.

25. Moll b2 ##4 #5 #6

25

1 b2 b3 ##4 #5 #6 7 8

26. Dur b2 b5 #6

26

1 b2 3 4 b5 #6 7 8

27. Dur b2 #6

27

1 b2 3 4 5 #6 7 8

28. Dur b2 #5 #6

28

1 b2 3 4 #5 #6 7 8

29. Dur b2 #4 #6

29

1 b2 3 #4 5 #6 7 8

30. Dur b2 #4 #5 #6

30

1 b2 3 #4 #5 #6 7 8

31. Dur b2 ##4 #5 #6

31

1 b2 3 ##4 #5 #6 7 8

Detailed description: This exercise is written on two staves. The first staff contains notes for degrees 1, b2, 3, ##4, #5, #6, 7, and 8. The second staff contains notes for degrees 1, b2, 3, ##4, #5, #6, 7, and 8. The notes are: 1 (G), b2 (F), 3 (A), ##4 (C#), #5 (D#), #6 (E#), 7 (F), 8 (G).

32. Dur b2 b5 bb6

32

1 b2 3 4 b5 bb6 7 8

Detailed description: This exercise is written on two staves. The first staff contains notes for degrees 1, b2, 3, 4, b5, bb6, 7, and 8. The second staff contains notes for degrees 1, b2, 3, 4, b5, bb6, 7, and 8. The notes are: 1 (G), b2 (F), 3 (A), 4 (B), b5 (D), bb6 (E), 7 (F), 8 (G).

33. Dur b5 bb6

33

1 2 3 4 b5 bb6 7 8

Detailed description: This exercise is written on two staves. The first staff contains notes for degrees 1, 2, 3, 4, b5, bb6, 7, and 8. The second staff contains notes for degrees 1, 2, 3, 4, b5, bb6, 7, and 8. The notes are: 1 (G), 2 (A), 3 (B), 4 (C), b5 (D), bb6 (E), 7 (F), 8 (G).

34. Dur ##3 ##4 ##5 #6

34

1 ##2 ##3 ##4 ##5 #6 7 8

Detailed description: This exercise is written on two staves. The first staff contains notes for degrees 1, ##2, ##3, ##4, ##5, #6, 7, and 8. The second staff contains notes for degrees 1, ##2, ##3, ##4, ##5, #6, 7, and 8. The notes are: 1 (G), ##2 (A#), ##3 (B#), ##4 (C##), ##5 (D##), #6 (E#), 7 (F), 8 (G).

35. Moll b4 bb5 #6

35

1 2 b3 b4 bb5 #6 7 8

Detailed description: This exercise is written on two staves. The first staff contains notes for degrees 1, 2, b3, b4, bb5, #6, 7, and 8. The second staff contains notes for degrees 1, 2, b3, b4, bb5, #6, 7, and 8. The notes are: 1 (G), 2 (A), b3 (Bb), b4 (Cb), bb5 (Db), #6 (E#), 7 (F), 8 (G).

36. Melodisch Moll b2 ##4 #5

36

1 b2 b3 ##4 #5 6 7 8

Detailed description: This exercise is written on two staves. The first staff contains notes for degrees 1, b2, b3, ##4, #5, 6, 7, and 8. The second staff contains notes for degrees 1, b2, b3, ##4, #5, 6, 7, and 8. The notes are: 1 (G), b2 (F), b3 (Eb), ##4 (C##), #5 (D#), 6 (E), 7 (F), 8 (G).

37. Melodisch Dur b2 ##4 #5

37

1 b2 3 ##4 #5 6 7 8

38. Dur ##3 ##4 #5 #6

38

1 ##2 ##3 ##4 #5 #6 7 8

39. Moll b5 #6

39

1 2 b3 4 b5 #6 7 8

40. Moll #6

40

1 2 b3 4 5 #6 7 8

41. Moll #5 #6

41

1 2 b3 4 #5 #6 7 8

42. Moll #4 #6

42

1 2 b3 #4 5 #6 7 8

43. Moll #4 #5 #6

43

1 2 b3 #4 #5 #6 7 8

Two staves of music for exercise 43. The first staff contains notes 1, 2, b3, #4, #5, #6, 7, 8. The second staff contains notes 1, 2, b3, #4, #5, #6, 7, 8. The notes are written in a sequence that corresponds to the labels below.

44. Moll ##4 #5 #6

44

1 2 b3 ##4 #5 #6 7 8

Two staves of music for exercise 44. The first staff contains notes 1, 2, b3, ##4, #5, #6, 7, 8. The second staff contains notes 1, 2, b3, ##4, #5, #6, 7, 8. The notes are written in a sequence that corresponds to the labels below.

45. Dur b5 #6

45

1 2 3 4 b5 #6 7 8

Two staves of music for exercise 45. The first staff contains notes 1, 2, 3, 4, b5, #6, 7, 8. The second staff contains notes 1, 2, 3, 4, b5, #6, 7, 8. The notes are written in a sequence that corresponds to the labels below.

46. Dur #6

46

1 2 3 4 5 #6 7 8

Two staves of music for exercise 46. The first staff contains notes 1, 2, 3, 4, 5, #6, 7, 8. The second staff contains notes 1, 2, 3, 4, 5, #6, 7, 8. The notes are written in a sequence that corresponds to the labels below.

47. Melodisch Moll b2 b5

47

1 b2 b3 4 b5 6 7 8

Two staves of music for exercise 47. The first staff contains notes 1, b2, b3, 4, b5, 6, 7, 8. The second staff contains notes 1, b2, b3, 4, b5, 6, 7, 8. The notes are written in a sequence that corresponds to the labels below.

48. Harmonisch Moll b2

48

1 b2 b3 4 5 b6 7 8

Two staves of music for exercise 48. The first staff contains notes 1, b2, b3, 4, 5, b6, 7, 8. The second staff contains notes 1, b2, b3, 4, 5, b6, 7, 8. The notes are written in a sequence that corresponds to the labels below.

49. Melodisch Moll b2

49

1 b2 b3 4 5 6 7 8

50. Melodisch Moll b2 #5

50

1 b2 b3 4 #5 6 7 8

51. Harmonisch Dur b2 b5

51

1 b2 3 4 b5 b6 7 8

52. Harmonisch Dur b5

52

1 2 3 4 b5 b6 7 8

53. Melodisch Moll b2 #4 #5

53

1 b2 b3 #4 #5 6 7 8

54. Melodisch Dur b2 b5

54

1 b2 3 4 b5 6 7 8

55. Harmonisch Dur b2

55

1 b2 3 4 5 b6 7 8

56. Melodisch Dur b2

56

1 b2 3 4 5 6 7 8

57. Melodisch Dur b2 #5

57

1 b2 3 4 #5 6 7 8

58. Melodisch Dur b5

58

1 2 3 4 b5 6 7 8

59. Melodisch Dur b2 #4 #5

59

1 b2 3 #4 #5 6 7 8

60. Moll b5 bb6

60

1 2 b3 4 b5 bb6 7 8

61. Harmonisch Moll b5

61

1 2 b3 4 b5 b6 7 8

Detailed description: This block shows the Harmonisch Moll b5 scale starting on middle C. The scale is written on a two-staff system. The first staff contains the notes: C4 (quarter), D4 (quarter), E-flat4 (quarter), F4 (quarter), G-flat4 (quarter), A-flat4 (quarter), B4 (quarter), and C5 (quarter). The second staff contains the notes: C4 (quarter), B3 (quarter), A3 (quarter), G3 (quarter), F3 (quarter), E3 (quarter), D3 (quarter), and C3 (quarter). The notes are labeled with numbers 1 through 8 below the first staff.

62. Melodisch Moll b5

62

1 2 b3 4 b5 6 7 8

Detailed description: This block shows the Melodisch Moll b5 scale starting on middle C. The scale is written on a two-staff system. The first staff contains the notes: C4 (quarter), D4 (quarter), E-flat4 (quarter), F4 (quarter), G-flat4 (quarter), A4 (quarter), B4 (quarter), and C5 (quarter). The second staff contains the notes: C4 (quarter), B3 (quarter), A3 (quarter), G3 (quarter), F3 (quarter), E3 (quarter), D3 (quarter), and C3 (quarter). The notes are labeled with numbers 1 through 8 below the first staff.

63. Harmonisch Moll

63

1 2 b3 4 5 b6 7 8

Detailed description: This block shows the Harmonisch Moll scale starting on middle C. The scale is written on a two-staff system. The first staff contains the notes: C4 (quarter), D4 (quarter), E-flat4 (quarter), F4 (quarter), G4 (quarter), A-flat4 (quarter), B4 (quarter), and C5 (quarter). The second staff contains the notes: C4 (quarter), B3 (quarter), A3 (quarter), G3 (quarter), F3 (quarter), E3 (quarter), D3 (quarter), and C3 (quarter). The notes are labeled with numbers 1 through 8 below the first staff.

64. Melodisch Moll

64

1 2 b3 4 5 6 7 8

Detailed description: This block shows the Melodisch Moll scale starting on middle C. The scale is written on a two-staff system. The first staff contains the notes: C4 (quarter), D4 (quarter), E-flat4 (quarter), F4 (quarter), G4 (quarter), A4 (quarter), B4 (quarter), and C5 (quarter). The second staff contains the notes: C4 (quarter), B3 (quarter), A3 (quarter), G3 (quarter), F3 (quarter), E3 (quarter), D3 (quarter), and C3 (quarter). The notes are labeled with numbers 1 through 8 below the first staff.

65. Harmonisch Dur

65

1 2 3 4 5 b6 7 8

Detailed description: This block shows the Harmonisch Dur scale starting on middle C. The scale is written on a two-staff system. The first staff contains the notes: C4 (quarter), D4 (quarter), E4 (quarter), F4 (quarter), G4 (quarter), A-flat4 (quarter), B4 (quarter), and C5 (quarter). The second staff contains the notes: C4 (quarter), B3 (quarter), A3 (quarter), G3 (quarter), F3 (quarter), E3 (quarter), D3 (quarter), and C3 (quarter). The notes are labeled with numbers 1 through 8 below the first staff.

66. Melodisch Dur

66

1 2 3 4 5 6 7 8

Detailed description: This block shows the Melodisch Dur scale starting on middle C. The scale is written on a two-staff system. The first staff contains the notes: C4 (quarter), D4 (quarter), E4 (quarter), F4 (quarter), G4 (quarter), A4 (quarter), B4 (quarter), and C5 (quarter). The second staff contains the notes: C4 (quarter), B3 (quarter), A3 (quarter), G3 (quarter), F3 (quarter), E3 (quarter), D3 (quarter), and C3 (quarter). The notes are labeled with numbers 1 through 8 below the first staff.