

Figure 2. Finale 2000 main tool palette



Figure 3. Finale 2003 main tool palette



Figure 4. Staff Expression Selection window (version 3.7.2)

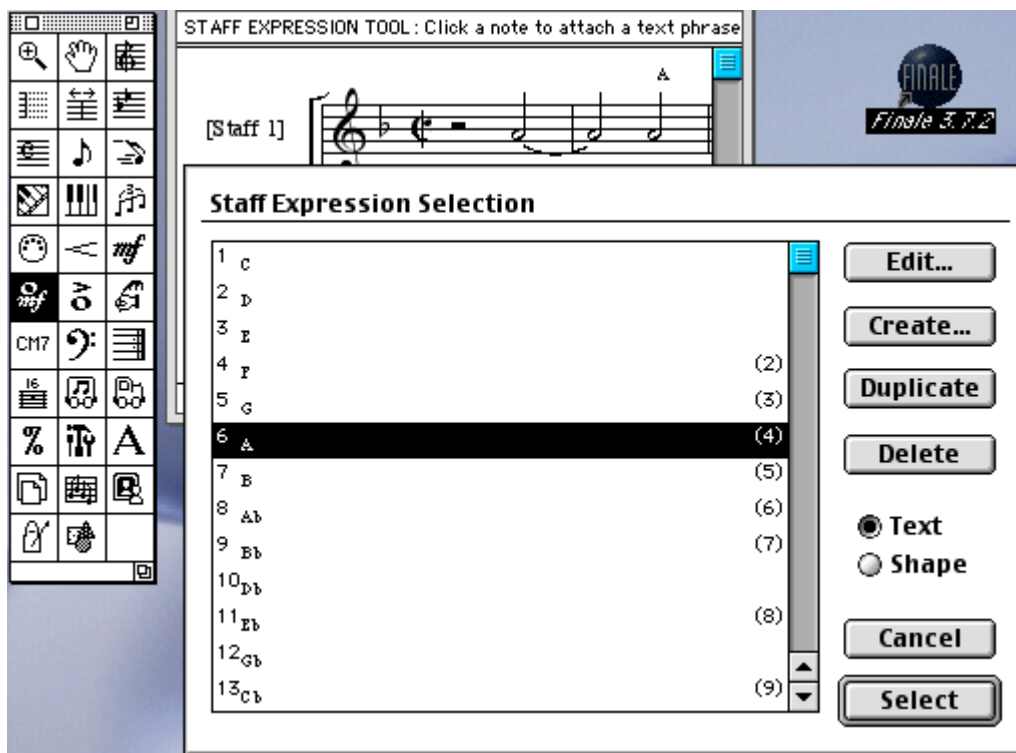


Figure 5. Text Expression Designer window (version 3.7.2)

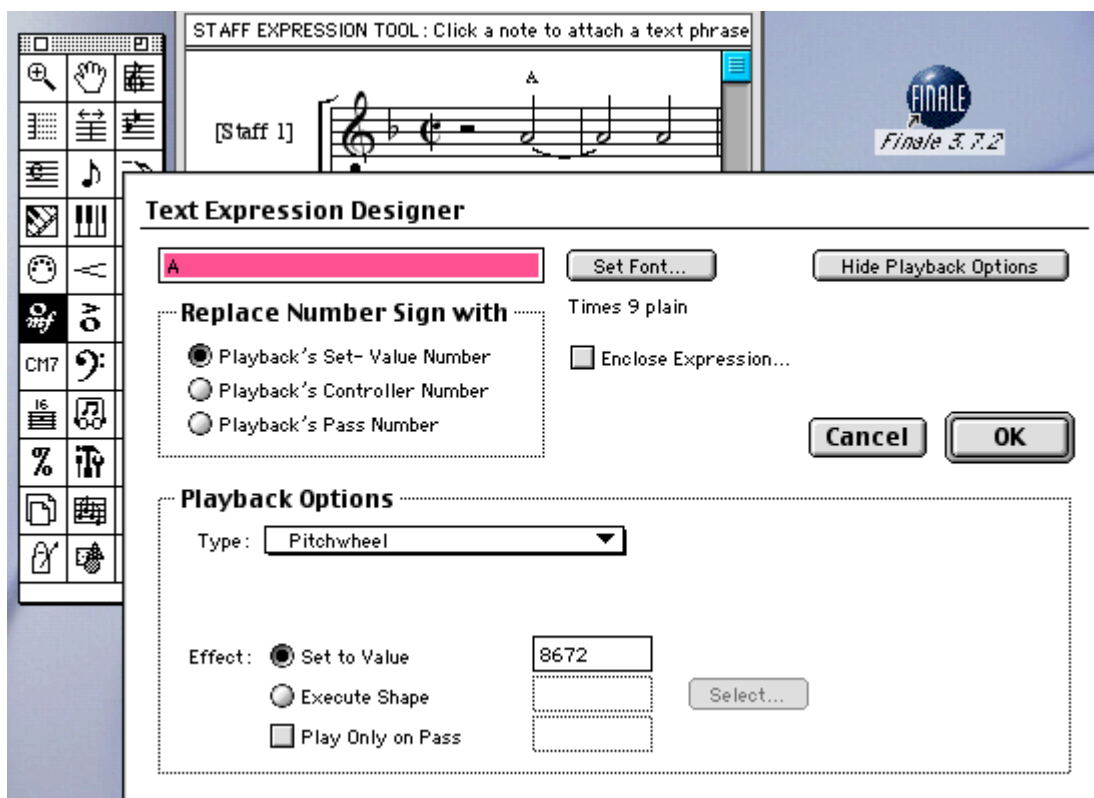


Figure 6. Expression Selection window (Finale 2000)

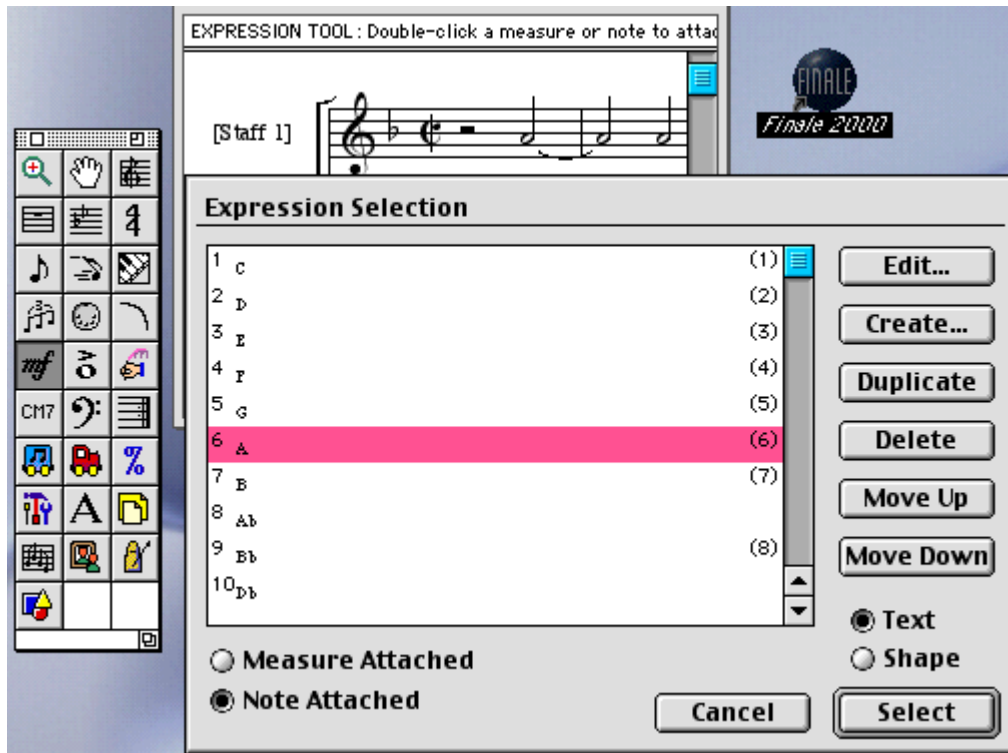


Figure 7. Measure-attached Expression Assignment window (Finale 2000)

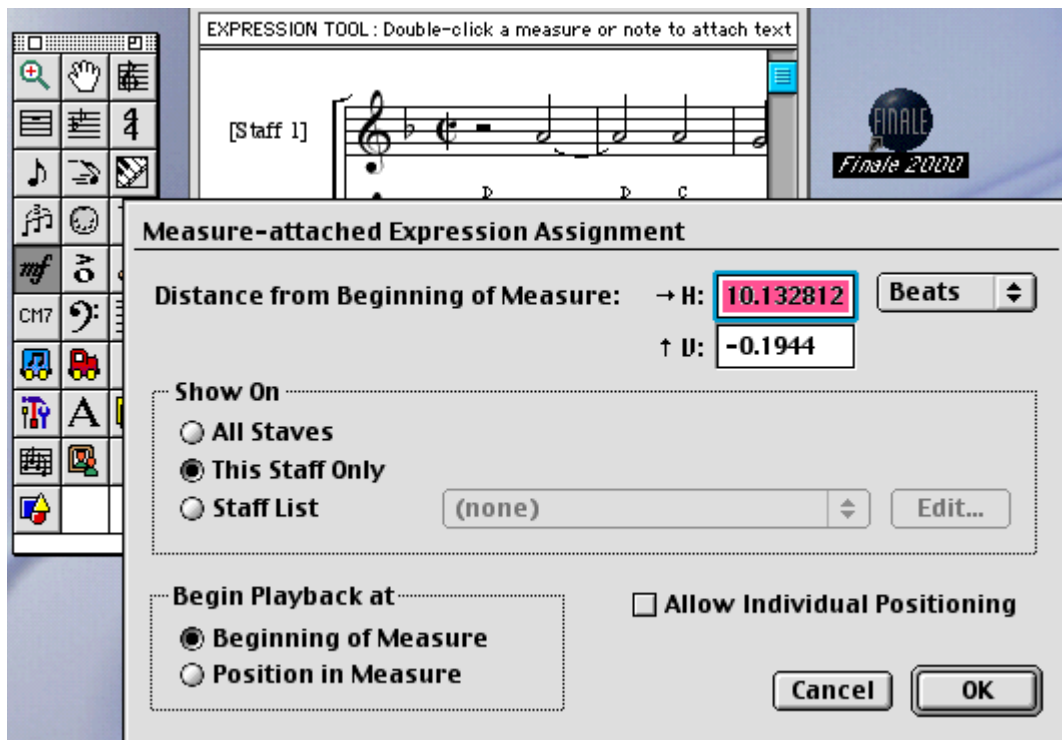


Figure 8. Text Expression Designer window (Finale 2000)

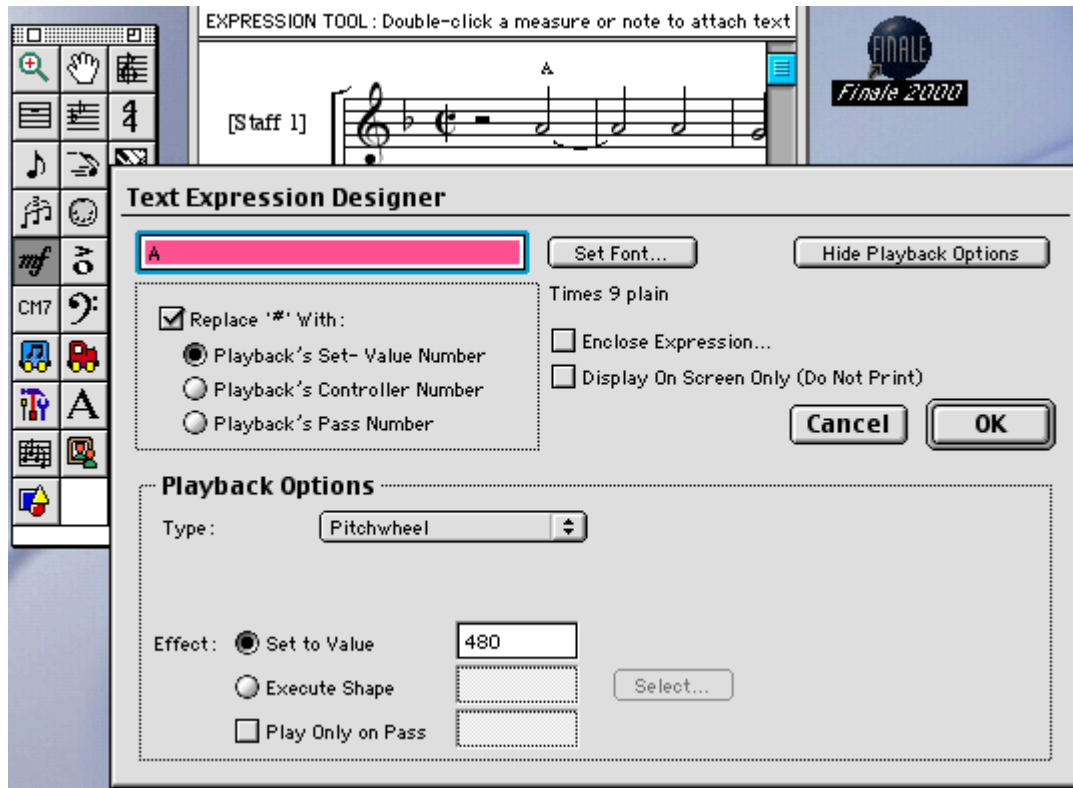


Figure 9. Expression Selection window (Finale 2003)

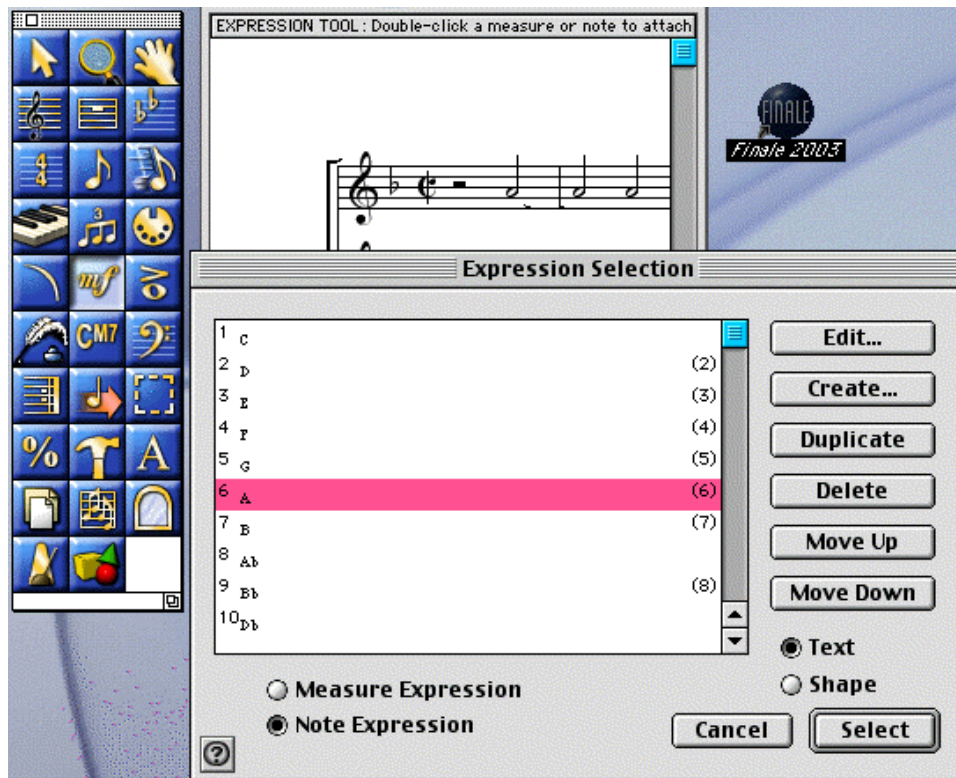


Figure 10. Text Expression Designer (Finale 2003)

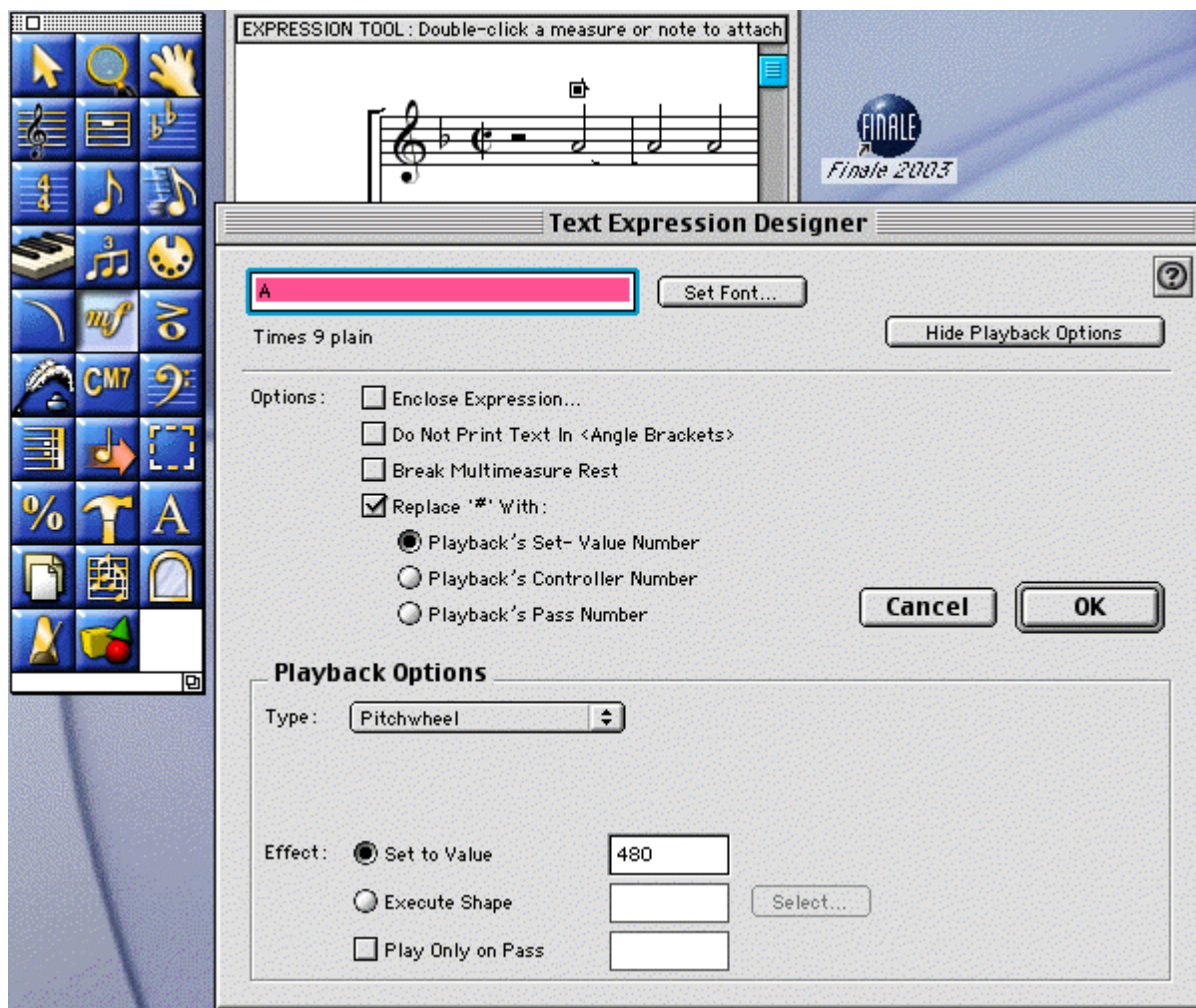


Figure 11. Pythagorean pitchwheel values with comma shifts (older versions)

EARLY VERSIONS OF FINALE									
NOTE		- 1	- 2	- 3	- 4	+ 1	+ 2	+ 3	+ 4
C	8192	6430	4668	2907	1145	9954	11716	13477	15239
D	8512	6750	4989	3227	1465	10274	12036	13798	15559
E	8832	7070	5309	3547	1785	10594	12356	14118	15879
F	8032	6270	4508	2746	985	9794	11555	13317	15079
G	8352	6590	4829	3067	1305	10114	11876	13638	15399
A	8672	6910	5149	3387	1625	10434	12196	13958	15719
B	8992	7230	5469	3707	1945	10754	12516	14278	16039
Ab	7552	5790	4028	2266	505	9314	11075	12837	14599
Bb	7872	6110	4348	2586	825	9634	11395	13157	14919
Db	7392	5630	3868	2106	345	9154	10915	12677	14439
Eb	7712	5950	4188	2426	665	9474	11235	12997	14759
Gb	7232	5470	3708	1946	185	8994	10755	12517	14279
Cb	7072	5310	3548	1786	25	8834	10595	12357	14119
F#	9152	7390	5629	3867	2105	10914	12676	14438	16199
G#	9472	7710	5949	4187	2425	11234	12996	14758	
A#	9792	8030	6269	4507	2745	11554	13316	15078	
C#	9312	7550	5789	4027	2265	11074	12836	14598	16359
D#	9632	7870	6109	4347	2585	11394	13156	14918	

Figure 12. Pythagorean pitchwheel values with comma shifts (later versions)

LATER VERSIONS OF FINALE									
NOTE		- 1	- 2	- 3	- 4	+ 1	+ 2	+ 3	+ 4
C	0	-1762	-3524	-5285	-7047	1762	3524	5285	7047
D	320	-1442	-3203	-4965	-6727	2082	3844	5606	7367
E	640	-1122	-2883	-4645	-6407	2402	4164	5926	7687
F	-160	-1922	-3684	-5446	-7207	1602	3363	5125	6887
G	160	-1602	-3363	-5125	-6887	1922	3684	5446	7207
A	480	-1282	-3043	-4805	-6567	2242	4004	5766	7527
B	800	-962	-2723	-4485	-6247	2562	4324	6086	7847
Ab	-640	-2402	-4164	-5926	-7687	1122	2883	4645	6407
Bb	-320	-2082	-3844	-5606	-7367	1442	3203	4965	6727
Db	-800	-2562	-4324	-6086	-7847	962	2723	4485	6247
Eb	-480	-2242	-4004	-5766	-7527	1282	3043	4805	6567
Gb	-960	-2722	-4484	-6246	-8007	802	2563	4325	6087
Cb	-1120	-2882	-4644	-6406	-8167	642	2403	4165	5927
F#	960	-802	-2563	-4325	-6087	2722	4484	6246	8007
G#	1280	-482	-2243	-4005	-5767	3042	4804	6566	
A#	1600	-162	-1923	-3685	-5447	3362	5124	6886	
C#	1120	-642	-2403	-4165	-5927	2882	4644	6406	8167
D#	1440	-322	-2083	-3845	-5607	3202	4964	6726	

Figure 13. The 19-tet scale

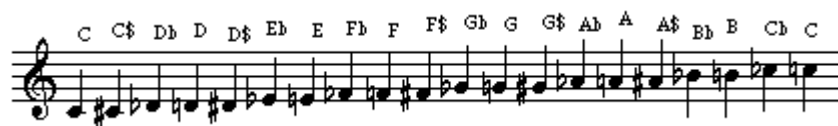


Figure 14. Guillaume Costeley's spiritual chanson *Signeur dieu ta pitié*

19-tone equal temperament

1 2 3 4 5 6 7

8 9 10 11 12 13 14

15 16 17 18 19 20 21

22 23 24 25 26 27 28

29

Chord symbols: E \sharp G \sharp G \sharp F \sharp A \sharp G \sharp - - - G \sharp G \sharp F \sharp E \sharp E \sharp D \sharp G \sharp C \sharp B \sharp

Chord symbols below staff: C \sharp E \sharp E \sharp D \sharp F \sharp E \sharp C \sharp C \sharp D \sharp D \sharp D \sharp C \sharp B \sharp A \sharp G \sharp C \sharp C \sharp B \sharp A \sharp G \sharp G \sharp C \sharp F \sharp E \sharp G \sharp C \sharp

36

Chord symbols: - - - G \sharp B A \sharp - - - G \sharp C \sharp F \sharp B A \sharp G \sharp G \sharp G \sharp G \sharp A \sharp B

Chord symbols below staff: E \sharp D \sharp C \sharp D \sharp F \sharp C \sharp C \sharp E \sharp D \sharp F \sharp D \sharp F \sharp D \sharp E \sharp E \sharp D \sharp E \sharp C \sharp B \sharp A \sharp C \sharp G \sharp G \sharp B C \sharp D \sharp C \sharp B \sharp C \sharp G \sharp C \sharp B \sharp C \sharp B

1/3-tone cross-relation

43

Chord symbols: A \sharp G \sharp - - - G \sharp B \sharp C \sharp D \sharp D \sharp G \sharp C \sharp C \sharp B \sharp C \sharp C \sharp A \sharp

Chord symbols below staff: F \sharp E \sharp D \sharp E \sharp F \sharp E \sharp E \sharp D \sharp C \sharp E \sharp E \sharp C \sharp D \sharp D \sharp E \sharp D \sharp C \sharp B \sharp C \sharp A \sharp B \sharp C \sharp B \sharp C \sharp C \sharp G \sharp C \sharp C \sharp B \sharp C \sharp A \sharp G \sharp C \sharp E \sharp F \sharp G \sharp G \sharp C \sharp F \sharp F \sharp F \sharp

50

Chord symbols: G \sharp C \sharp C \sharp B \sharp C \sharp C \sharp E \sharp A \sharp A \flat A \sharp A \flat C \flat F \flat C \flat

Chord symbols below staff: F \sharp F \sharp F \sharp E \sharp F \sharp D \sharp G \sharp G \sharp G \sharp F \sharp E \sharp D \sharp E \sharp E \sharp E \sharp D \sharp C \sharp A \sharp B \sharp E \sharp C \sharp C \sharp C \sharp D \sharp E \sharp F \sharp E \sharp E \sharp F \sharp D \sharp C \sharp G \sharp G \sharp C \sharp A \sharp B \sharp C \sharp B \sharp C \sharp C \sharp D \sharp E \sharp F \sharp E \sharp

85

Musical score for measures 85-91. The system consists of a treble clef staff and a bass clef staff. The treble staff contains a melodic line with notes and rests. The bass staff contains a bass line with notes and rests. Chord symbols are written above the treble staff and below the bass staff. Measure 85 starts with a C#4 chord. The system ends with a double bar line.

92

Musical score for measures 92-98. The system consists of a treble clef staff and a bass clef staff. The treble staff contains a melodic line with notes and rests. The bass staff contains a bass line with notes and rests. Chord symbols are written above the treble staff and below the bass staff. Measure 92 starts with a D#4 chord. The system ends with a double bar line.

99

Musical score for measures 99-105. The system consists of a treble clef staff and a bass clef staff. The treble staff contains a melodic line with notes and rests. The bass staff contains a bass line with notes and rests. Chord symbols are written above the treble staff and below the bass staff. Measure 99 starts with a B4 chord. The system ends with a double bar line.

106

Musical score for measures 106-112. The system consists of a treble clef staff and a bass clef staff. The treble staff contains a melodic line with notes and rests. The bass staff contains a bass line with notes and rests. Chord symbols are written above the treble staff and below the bass staff. Measure 106 starts with an A4 chord. The system ends with a double bar line.

113

Chords: A⁺ F⁺ A⁺ B C⁺ F⁺ B B A⁺ G⁺ F⁺ E⁺ E⁺ A⁺ G⁺ B A⁺ G⁺ F⁺ A⁺

Chords: F⁺ G⁺ A⁺ G⁺ F⁺ G⁺ A⁺ B D⁺ F⁺ F⁺ E⁺ D⁺ D⁺ D⁺ D^b E⁺ E⁺ E⁺ E⁺ D⁺ D⁺ F⁺

Chords: F⁺ E⁺ D⁺ D⁺ C⁺ B B B F⁺ C⁺ D⁺ A⁺

119

Chords: G⁺ F⁺ F⁺ E⁺ D⁺ E⁺ D⁺ A⁺ E⁺ G⁺ D⁺ E⁺ F⁺ G⁺ A⁺ B A⁺ G⁺ G^b G⁺

Chords: E⁺ D⁺ D^b D⁺ F⁺ C⁺ C⁺ B B A⁺ D⁺ C⁺ B A⁺ G⁺ B C⁺ D⁺ A⁺ G⁺

Chords: D⁺ A⁺ C⁺ G⁺ D⁺ E⁺ F⁺ G⁺ A⁺ G⁺ A⁺ B C⁺ D⁺ E⁺ F⁺ G⁺ F⁺ E⁺ D⁺ E⁺

123

Chords: G^b B A⁺ G⁺ G^b G⁺ G^b G⁺ A⁺ E⁺ G⁺ D⁺ E⁺ F⁺ G⁺ A⁺ B

Chords: A⁺ D⁺ C⁺ B C⁺ D⁺ E⁺ F⁺ D⁺ D⁺ F⁺ C⁺ C⁺ B B A⁺ D⁺ C⁺ B A⁺

Chords: D⁺ D⁺ C⁺ B A⁺ G⁺ A⁺ G⁺ B A⁺ A⁺ E⁺ G⁺ D⁺ E⁺ F⁺ G⁺ A⁺ G⁺ A⁺

127

Chords: A⁺ G⁺ G^b G⁺ G^b B A⁺ G⁺ G^b G⁺ G^b G⁺

Chords: G⁺ B A⁺ G⁺ C⁺ B C⁺ D⁺ E⁺ F⁺ D⁺ D⁺ B C⁺ D⁺ E⁺

Chords: F⁺ E⁺ D⁺ E⁺ D⁺ G⁺ F⁺ G⁺ D⁺ E⁺ D⁺ B⁺ G⁺