MuseData to SCORE Translations
Walter Hewlett
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This handout demonstrates the translation steps between MuseData
and SCORE data formats. MuseData is normally converted into
graphical notation in this sequence:

        MuseData stage2 files -> autoset program -> Linear I-file
        Linear I-files -> mskpage program -> Paged I-files
        Paged I-files -> pskpage program -> graphical music

I-files == "Intermediate files" which are ASCII text files which
        parametrically describe the position of music symbols
        on a page.
Linear I-files == the first stage of converting MuseData stage 2
        files into printed music. The autoset program converts
        stage 2 files into a single I-file with no page or line
        breaks.
Page I-files == The second stage of converting MuseData stage 2
        files into printed music. The mskpage program takes linear
        I-files generated by the autoset program and adds line
        and page breaks and fine tunes the spacings of the music
        on the page.
mskpage = "Make SCore Page"
pskpage = "Print SCore Page"

Converting MuseData Stage 2 files into SCORE PMX parameter files
involves a similar set of steps, except that:
    * "autoscr" is used instead of the autoset program to generate
        linear I-files.
    * "paging" is used instead of the mskpage program to generate
        paged I-files.
    * "scorecon" is used instead of the pskpage program to generate
        SCORE PMX files rather than graphical notation.

Examples of these intermediate files and final output are given
for the conversion of MuseData Stage2 files into SCORE PMX files
in the rest of this handout.

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SCWORK contains versions of program used to convert MUSEDATA Stage2 files into SCORE .pmx files. Basically, the conversion process involves four operations.

1) Review the MUSEDATA stage2 source to make sure it will run through the conversion process. In particular, in multi-track files, care must be taken to be sure that for each measure, all active tracks are complete, and no track events are out of chronological order.

2) Run autoscr.z with output to OUTPUTS/SCRCON/I-FILES

3) Run paging.z with output to OUTPUTS/SCRCON/PAGES

4) Run scorecon.z on each page file to create .pmx and .pmy versions of these pages.

AUTOSCR.Z

This program is the first of a set of three programs designed to convert **MUSEDATA Stage 2** full-score files into **SCORE pmx** files. The program is based on the autoset program. The input to the program are stage2 files; the output are linear I-files.

The task of converting to SCORE is fundamentally different from that of typesetting. In the end, it is not concerned with versatility of output or presentation; it is simply data conversion. The autoscr program has new tasks to perform, and passess on information to the i-files which is not transferred by autoset. The i-files, themselves, have modifications that the music typesetting programs are not set up to read. This means essentially that for purposes of data conversion, we are modifying the i-file format to accommodate extra data which is specifically related to the SCORE pmx format.

Since versatility of size is not a consideration in data conversion, the autoscr program is designed to operate at one size only, namely, size-14. Since we are simply concerned with transferring all data in the most compact manner, we will be constructing only full-score SCORE files. SCORE itself has a very advanced tool-set for resizing scores and for extraction of parts.

PAGING.Z

This program is the second of a set of three programs designed to convert **MUSEDATA Stage 2** full-score files into **SCORE pmx** files. The program is based on the mskpage program. The input to the program is a linear I-file, with additional information attached.

The paging program performs new tasks and passes on information from the linear i-file to page specific i-files which the mskpage program does not have to deal with. In addition, the paging program is able to provide additional processing that makes scorecon's job easier. In particular, there is a lot of information relating to horizontal and vertical position, which is being generated for the first time by paging and which translates directly into SCORE parameters.

SCORECON.Z

This program completes the processing of page files and generates
output in the form of SCORE .pmx files and .pmy files. Tasks are
performed in the following order

Task 1: For all "floating" rests, determine the controlling obx
 at the beginning of the measure. Assign obx to this value.
 Assign a P9 value (in dots) to the shift.

 Also, deal with situation where rests are not displayed on
 the primary staff.

Task 2: We need to compute the SCORE value of P3 for all notes and rests
 To be on the safe side here, in cases where there has been a
 global horizontal (obx) shift of the object (notes only),
 we need to restore the unshifted value of obx.

Task 3: Develop SCORE parameters for:

Musical Item	MUSEDATA Code	SCORE Code
====================	================	=============
Clefs	(J C)	CODE 3
Key signatures	(J K)	CODE 17
Time signatures	(J T)	CODE 18
Directives	(J D)	CODE 16 (Text)
Marks	(J M)	no code

 (not yet supported)

 Cue Notes (J Q)
 Isolated directives (J I)
 Figures (J F)

Task 4: Develop SCORE parameters for barlines, braces and brackets

Task 5: Clefs (J C), Key signatures (J K), Time signature (J T),
 Directives (J D), Marks (J M), as well as
 Noteheads (K-40..43,169..171) and Restheads (K-46..49,174..177)
 all need to have their P2 parameters set to the SCORE system.

Task 6: Parameters for Beams need to be computed, and all Notes with
 stems (P8=1000.00) need to have their proper lengths put in.

Task 7: Compute parameters for staff lines and append to "L" records

Task 8: Compute parameters for ties and append to "H" records

Task 9: Append title lines to top of page, if there are any.

Task 10: Sweep up all articulations which are subobjects in note
 and rest records, and either attach them to notes (P11)
 and rests (P8) or represent them with CODE-9

Task 11: Fix the natural-sharp, and natural-flat situations with
 CODE-9

SCWORK documentation (page 3)

Task 12: Deal with remaining superobjects: "H" records in i-files

htype "S"	= slurs	generate a CODE-5 SCORE item
htype "F"	= figure continuation line	Not currently supported
htype "X"	= tuplet	generate a CODE-5 SCORE item
htype "V"	= transposition	generate a CODE-7 SCORE item
htype "E"	= ending	generate a CODE-5 SCORE item
htype "D"	= dashes for text	generate a CODE-4 SCORE item
htype "R"	= wavy line trill with tr.	generate a CODE-7 SCORE item
	without tr.	generate a CODE-4 SCORE item
htype "W"	= wedge	generate a CODE-4 SCORE item

SCORE

Praeludium IV.

DMUSE

Praeludium IV.

```
SCORECON I-FILE.   created:
Composer: J.S.Bach        Source: Bach Gesellschaft xiv
Work: BWV 849:1      WTC I: Prelude and Fugue in C-sharp minor / Prelude
L 157 0 14 !39 | NTRACKS=4 (1,1) (3,2) (4,2) (5,2)
J D 4 500 -120 1 6913 0 0
W 0 0 44 Prelude
J D 1 75 -37 1 6913 0 0
W 0 -56 44 Prelude
J C 4 5 42 2 6913 0 0
K 0 0 33
K 0 0 34
J C 22 5 1014 36 6913 0 0
J K 4 57 0 4 6913 0 0
K 0 0 63
K 15 21 63
K 30 -7 63
K 45 14 63
J K 4 57 1000 4 6913 0 0
K 0 14 63
K 15 35 63
K 30 7 63
K 45 28 63
J T 604 142 0 2 6913 0 0
K -10 28 77
K -10 56 75
J T 604 142 1000 2 6913 0 0
K -10 28 77
K -10 56 75
J N 6 181 42 2 1 0 1 1
K 0 0 43 | P2=1.1 P4=5 P5=10 P6=0.187 P7=0.5000 P8=1000.00 P12=0
A D 1 8
J R 8 181 0 2 1 0 0
K 0 0 0 | P2=2.3 P4=4 P5=-1 P6=-1 P7=3.0000 P8=0 P12=0
A D 6 8
J R 9 181 1000 2 1 0 0
K 0 0 0 | P2=2.4 P4=4 P5=-2 P6=-1 P7=6.0000 P8=0 P12=0
A D 12 8
J N 9 181 1035 3 1 0 1 2
K 0 0 41 | P2=2.5 P4=6 P5=0 P6=2.124 P7=6.0000 P9=10.00 P12=0
K 32 0 44
A D 12 8
J N 6 224 49 2 577 288 1 1
K 0 0 43 | P2=1.1 P4=4 P5=10 P6=0.181 P7=0.5000 P8=1000.00 P12=0
A D 1 8
J N 6 253 56 2 1153 288 1 1
K 0 0 43 | P2=1.1 P4=3 P5=10 P6=0.175 P7=0.5000 P8=1000.00 P12=0
A D 1 8
J N 6 282 63 2 1729 288 1 1
K 0 0 43 | P2=1.1 P4=2 P5=10 P6=0.170 P7=0.5000 P8=1000.00 P12=0
A D 1 8
J N 6 311 56 2 2305 288 1 1
K 0 0 43 | P2=1.1 P4=3 P5=10 P6=0.175 P7=0.5000 P8=1000.00 P12=0
A D 1 8
J N 6 340 70 5 2881 288 1 1
K 1 0 45
K 0 0 43 | P2=1.1 P4=1 P5=10 P6=0.164 P7=0.5000 P8=1000.00 P12=0
K -1 0 45
K 2 0 45
A D 1 8
H 1 B 0 0 108 6 2 1 1 1 1 3
J N 7 369 21 5 3457 288 0
```

Page 1 - linear

```
K 0 0 43 | P2=1.1 P4=8 P5=10 P6=0.204 P7=1.5000 P8=-1.00 P9=10.00 P12=0
K 25 0 44
K 0 0 59
K 0 -14 59
A D 3 8
J N 8 369 56 6 3457 0 0
K 0 -14 42 | P2=2.3 P4=5 P5=20 P6=1.187 P7=2.0000 P8=1.14 P12=1
K 0 0 42 | P2=2.3 P4=3 P5=0 P6=1.175 P7=2.0000 P12=1
K 0 -14 60
K 0 0 60
K 0 14 60
A D 4 8
J N 6 415 28 3 5185 864 0
K 0 0 43 | P2=1.1 P4=7 P5=10 P6=0.198 P7=0.5000 P8=-1.28 P9=1.00 P12=0
K 0 0 51
A D 1 8
J N 7 448 35 4 5761 288 0
K 0 0 43 | P2=1.1 P4=6 P5=10 P6=0.192 P7=1.0000 P8=0.00 P12=0
K 0 0 59
K 0 -21 59
A D 2 8
J N 7 448 49 4 5761 0 0
K 0 0 43 | P2=2.3 P4=4 P5=20 P6=0.181 P7=1.0000 P8=-0.85 P12=1
K 0 0 60
K 0 14 60
A D 2 8
J B 2 490 1001 82 6913 576 0 | NTRACKS=4 (1,1) (3,2) (4,2) (5,2)
J G 6 502 35 3 1 0 1 3
K 0 0 171 | P2=1.1 P4=106 P5=10 P6=0.192 P7=-1.0000 P8=1.02 P9=1.00 P12=0
K 0 0 181
A D 0 8
J N 8 532 42 6 1 0 2 4 3
K 0 0 42 | P2=1.1 P4=5 P5=10 P6=1.187 P7=3.0000 P8=0.00 P9=10.00 P12=0
K 24 -6 44
K 0 -56 239
K 0 0 59
K 0 -21 59
A D 6 8
H 3 S 0 14 0 0 0 0 0 0 0
J N 8 532 56 5 1 0 1 5
K 0 0 42 | P2=2.3 P4=3 P5=20 P6=1.175 P7=3.0000 P8=-0.85 P9=110.00 P12=1
K 24 6 44
K 0 0 60
K 0 14 60
A D 6 8
J N 6 532 1007 2 1 0 1 6
K 0 0 43 | P2=2.4 P4=10 P5=10 P6=0.147 P7=0.5000 P8=1000.00 P12=0
A D 1 8
J N 9 532 1035 3 1 0 1 2
K 0 0 41 | P2=2.5 P4=6 P5=0 P6=2.124 P7=6.0000 P9=10.00 P12=0
K 32 0 44
A D 12 8
H 2 T 1035 0 0 0 0 0 11 0
J N 6 561 1014 2 577 288 1 6
K 0 0 43 | P2=2.4 P4=9 P5=10 P6=0.141 P7=0.5000 P8=1000.00 P12=0
A D 1 8
J N 6 590 1021 2 1153 288 1 6
K 0 0 43 | P2=2.4 P4=8 P5=10 P6=0.135 P7=0.5000 P8=1000.00 P12=0
A D 1 8
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```
J N 6 619 1028 2 1729 288 1 6
K 0  0 43 | P2=2.4 P4=7 P5=10 P6=0.130 P7=0.5000 P8=1000.00 P12=0
A D 1 8
J N 6 648 1021 2 2305 288 1 6
K 0  0 43 | P2=2.4 P4=8 P5=10 P6=0.135 P7=0.5000 P8=1000.00 P12=0
A D 1 8
J N 6 677 1035 2 2881 288 1 6
K 0  0 43 | P2=2.4 P4=6 P5=10 P6=0.124 P7=0.5000 P8=1000.00 P12=0
A D 1 8
H 6 B 0 0 108 6 2 1 1 1 3
J G 6 706 1021 2 3457 288 2 7 8
K 0  0 171 | P2=2.4 P4=108 P5=10 P6=0.135 P7=-1.0000 P8=1000.00 P12=0
A D 0 8
J G 6 727 1007 2 3457 0 1 8
K 0  0 171 | P2=2.4 P4=110 P5=10 P6=0.147 P7=-1.0000 P8=1000.00 P12=0
A D 0 8
H 8 B 0 0 106 2 2 3
J N 8 749 42 4 3457 0 1 4
K 0  0 42 | P2=1.1 P4=5 P5=10 P6=1.187 P7=2.0000 P8=0.00 P12=0
K 0  0 59
K 0 -21 59
A D 4 8
H 4 T 42 0 0 11 0 0 7 0
J N 8 749 56 4 3457 0 1 5
K 0  0 42 | P2=2.3 P4=3 P5=20 P6=1.175 P7=2.0000 P8=-0.85 P12=1
K 0  0 60
K 0 14 60
A D 4 8
H 5 T 56 0 0 18 0 0 15 0
J N 7 749 986 8 3457 0 1 7
K 1  0 45
K 0  0 43 | P2=2.4 P4=13 P5=10 P6=0.164 P7=1.5000 P8=-2.00 P9=10.00 P12=0
K -1  0 45
K 2  0 45
K 24 -6 44
K 0  0 59
K 0 -7 59
A D 3 8
H 7 S 0 6 -34 6 -28 0 0 0 0
J N 6 795 993 3 5185 864 0
K 0  0 43 | P2=2.4 P4=12 P5=10 P6=0.158 P7=0.5000 P8=-1.28 P9=1.00 P12=0
K 0  0 51
A D 1 8
J N 7 828 49 4 5761 288 0
K 0  0 43 | P2=1.1 P4=4 P5=10 P6=0.181 P7=1.0000 P8=0.00 P12=0
K 0  0 59
K 0 -21 59
A D 2 8
J N 7 828 49 4 5761 0 1 9
K 0  0 43 | P2=2.3 P4=4 P5=20 P6=0.181 P7=1.0000 P8=-0.85 P12=1
K 0  0 60
K 0 14 60
A D 2 8
J N 7 828 1000 4 5761 0 0
K 0  0 43 | P2=2.4 P4=11 P5=10 P6=0.152 P7=1.0000 P8=-1.00 P12=0
K 0  0 59
K 0 -14 59
A D 2 8
J B 3 870 1001 82 6913 576 0 | NTRACKS=4 (1,1) (3,2) (4,2) (5,2)
```

```
J N 6 897 14 2 1 0 1 10
K 0 0 43 | P2=1.1 P4=9 P5=10 P6=0.210 P7=0.5000 P8=1000.00 P12=0
A D 1 8
J N 8 897 49 5 1 0 1 9
K 0 0 42 | P2=2.3 P4=4 P5=20 P6=1.181 P7=3.0000 P8=-0.85 P9=10.00 P12=1
K 25 0 44
K 0 0 60
K 0 14 60
A D 6 8
H 9 T 49 0 0 0 0 0 11 0
J N 8 897 1007 5 1 0 1 11
K 0 0 42 | P2=2.4 P4=10 P5=10 P6=1.147 P7=3.0000 P8=-1.00 P9=10.00 P12=0
K 25 0 44
K 0 0 59
K 0 -14 59
A D 6 8
J N 8 897 1042 6 1 0 1 12
K -18 0 63
K 0 0 42 | P2=2.5 P4=5 P5=22.00 P6=1.119 P7=3.0000 P8=-0.85 P9=110.00 P12=0
K 24 6 44
K 0 0 60
K 0 14 60
A D 6 8
J N 6 935 21 2 577 288 1 10
K 0 0 43 | P2=1.1 P4=8 P5=10 P6=0.204 P7=0.5000 P8=1000.00 P12=0
A D 1 8
J N 6 979 28 3 1153 288 1 10
K -18 0 63
K 0 0 43 | P2=1.1 P4=7 P5=12.00 P6=0.199 P7=0.5000 P8=1000.00 P12=0
A D 1 8
J N 6 1023 35 3 1729 288 1 10
K -18 0 63
K 0 0 43 | P2=1.1 P4=6 P5=12.00 P6=0.193 P7=0.5000 P8=1000.00 P12=0
A D 1 8
J N 6 1052 28 2 2305 288 1 10
K 0 0 43 | P2=1.1 P4=7 P5=10 P6=0.199 P7=0.5000 P8=1000.00 P12=0
A D 1 8
J N 6 1081 42 2 2881 288 1 10
K 0 0 43 | P2=1.1 P4=5 P5=10 P6=0.187 P7=0.5000 P8=1000.00 P12=0
A D 1 8
H 10 B 0 0 108 6 2 1 1 1 1 3
J N 7 1110 -7 5 3457 288 0
K 0 0 43 | P2=1.1 P4=12 P5=10 P6=0.227 P7=1.5000 P8=-1.00 P9=10.00 P12=0
K 25 0 44
K 0 0 59
K 0 -14 59
A D 3 8
J N 8 1110 42 6 3457 0 0
K 0 -28 42 | P2=2.3 P4=9 P5=20 P6=1.210 P7=2.0000 P8=3.14 P12=1
K 0 0 42 | P2=2.3 P4=5 P5=0 P6=1.187 P7=2.0000 P12=1
K 0 -28 60
K 0 0 60
K 0 14 60
A D 4 8
J N 8 1110 1007 4 3457 0 0 1 11
K 0 0 42 | P2=2.4 P4=10 P5=10 P6=1.147 P7=2.0000 P8=-1.00 P12=0
K 0 0 59
K 0 -14 59
A D 4 8
```

```
H 11 T 1007 0 0 0 0 0 3 0
J N 8 1110 1042 4 3457 0 1 12
K 0 0 42 | P2=2.5 P4=5 P5=20 P6=1.119 P7=2.0000 P8=-0.85 P12=0
K 0 0 60
K 0 14 60
A D 4 8
H 12 T 1042 0 0 0 0 0 15 0
J N 6 1156 0 3 5185 864 0
K 0 0 43 | P2=1.1 P4=11 P5=10 P6=0.221 P7=0.5000 P8=-1.28 P9=1.00 P12=0
K 0 0 51
A D 1 8
J N 7 1189 7 4 5761 288 0
K 0 0 43 | P2=1.1 P4=10 P5=10 P6=0.215 P7=1.0000 P8=-1.00 P12=0
K 0 0 59
K 0 -14 59
A D 2 8
J N 7 1189 42 6 5761 0 0
K 0 -21 43 | P2=2.3 P4=8 P5=20 P6=0.204 P7=1.0000 P8=2.14 P12=1
K 0 0 43 | P2=2.3 P4=5 P5=0 P6=0.187 P7=1.0000 P12=1
K 0 -21 60
K 0 0 60
K 0 14 60
A D 2 8
J N 7 1189 986 7 5761 0 0
K 1 0 45
K 0 0 43 | P2=2.4 P4=13 P5=10 P6=0.164 P7=1.0000 P8=-2.00 P12=0
K -1 0 45
K 2 0 45
K 0 0 59
K 0 -7 59
A D 2 8
J N 7 1189 1035 4 5761 0 0
K 0 0 43 | P2=2.5 P4=6 P5=20 P6=0.124 P7=1.0000 P8=-0.85 P12=0
K 0 0 60
K 0 14 60
A D 2 8
J B 4 1231 1001 82 6913 576 0 | NTRACKS=4 (1,1) (3,2) (4,2) (5,2)
```

```
X 31 1050 30 SCORECON PAGE I-FILE.   created: 04/28/03 by W Hewlett
X 31 1090 65 Composer: J.S.Bach      Source: Bach Gesellschaft xiv
X 31 1090 100 Work: BWV 849:1    WTC I: Prelude and Fugue in C-sharp minor
X 31 2120 30 Page: 1
X 46 575 120 Praeludium IV.
S 0 500 240 1750 226 1 "({.})"
L 0 0 0 0 0 * 170 14
J D 0 -300 42 1 6913 0 0
W 0 0 39
J C 4 5 42 2 6913 0 0
K 0 0 33
K 0 0 34
J C 22 5 1014 36 6913 0 0
J K 4 57 0 4 6913 0 0
K 0 0 63
K 15 21 63
K 30 -7 63
K 45 14 63
J K 4 57 1000 4 6913 0 0
K 0 14 63
K 15 35 63
K 30 7 63
K 45 28 63
J T 604 142 0 2 6913 0 0
K -10 28 77
K -10 56 75
J T 604 142 1000 2 6913 0 0
K -10 28 77
K -10 56 75
J N 6 181 42 2 1 0 1 1
K 0 0 43 | P2=1.1 P4=5 P5=10 P6=0.187 P7=0.5000 P8=1000.00 P12=0
A D 1 8
J R 8 181 0 2 1 0 0
K 0 0 0 | P2=2.3 P4=4 P5=-1 P6=-1 P7=3.0000 P8=0 P12=0
A D 6 8
J R 9 181 1000 2 1 0 0
K 0 0 0 | P2=2.4 P4=4 P5=-2 P6=-1 P7=6.0000 P8=0 P12=0
A D 12 8
J N 9 181 1035 3 1 0 1 2
K 0 0 41 | P2=2.5 P4=6 P5=0 P6=2.124 P7=6.0000 P9=10.00 P12=0
K 32 0 44
A D 12 8
J N 6 224 49 2 577 288 1 1
K 0 0 43 | P2=1.1 P4=4 P5=10 P6=0.181 P7=0.5000 P8=1000.00 P12=0
A D 1 8
J N 6 265 56 2 1153 288 1 1
K 0 0 43 | P2=1.1 P4=3 P5=10 P6=0.175 P7=0.5000 P8=1000.00 P12=0
A D 1 8
J N 6 306 63 2 1729 288 1 1
K 0 0 43 | P2=1.1 P4=2 P5=10 P6=0.170 P7=0.5000 P8=1000.00 P12=0
A D 1 8
J N 6 347 56 2 2305 288 1 1
K 0 0 43 | P2=1.1 P4=3 P5=10 P6=0.175 P7=0.5000 P8=1000.00 P12=0
A D 1 8
J N 6 388 70 5 2881 288 1 1
K 1 0 45
K 0 0 43 | P2=1.1 P4=1 P5=10 P6=0.164 P7=0.5000 P8=1000.00 P12=0
K -1 0 45
K 2 0 45
A D 1 8
H 1 B 45 2 108 6 2 1 1 1 1 3
```

Page 1 - before

```
J N 7 429 21 5 3457 288 0
K 0 0 43 | P2=1.1 P4=8 P5=10 P6=0.204 P7=1.5000 P8=-1.00 P9=10.00 P12=0
K 25 0 44
K 0 0 59
K 0 -14 59
A D 3 8
J N 8 429 56 6 3457 0 0
K 0 -14 42 | P2=2.3 P4=5 P5=20 P6=1.187 P7=2.0000 P8=1.14 P12=1
K 0 0 42 | P2=2.3 P4=3 P5=0 P6=1.175 P7=2.0000 P12=1
K 0 -14 60
K 0 0 60
K 0 14 60
A D 4 8
J N 6 547 28 3 5185 864 0
K 0 0 43 | P2=1.1 P4=7 P5=10 P6=0.198 P7=0.5000 P8=-1.28 P9=1.00 P12=0
K 0 0 51
A D 1 8
J N 7 587 35 4 5761 288 0
K 0 0 43 | P2=1.1 P4=6 P5=10 P6=0.192 P7=1.0000 P8=0.00 P12=0
K 0 0 59
K 0 -21 59
A D 2 8
J N 7 587 49 4 5761 0 0
K 0 0 43 | P2=2.3 P4=4 P5=20 P6=0.181 P7=1.0000 P8=-0.85 P12=1
K 0 0 60
K 0 14 60
A D 2 8
J B 2 673 1001 82 6913 576 0
J G 6 685 35 3 1 0 1 3
K 0 0 171 | P2=1.1 P4=106 P5=10 P6=0.192 P7=-1.0000 P8=1.02 P9=1.00 P12=0
K 0 0 181
A D 0 8
J N 8 715 42 6 1 0 2 4 3
K 0 0 42 | P2=1.1 P4=5 P5=10 P6=1.187 P7=3.0000 P8=0.00 P9=10.00 P12=0
K 24 -6 44
K 0 -56 239
K 0 0 59
K 0 -21 59
A D 6 8
H 3 S 0 14 0 0 0 0 0 0 0
J N 8 715 56 5 1 0 1 5
K 0 0 42 | P2=2.3 P4=3 P5=20 P6=1.175 P7=3.0000 P8=-0.85 P9=110.00 P12=1
K 24 6 44
K 0 0 60
K 0 14 60
A D 6 8
J N 6 715 1007 2 1 0 1 6
K 0 0 43 | P2=2.4 P4=10 P5=10 P6=0.147 P7=0.5000 P8=1000.00 P12=0
A D 1 8
J N 9 715 1035 3 1 0 1 2
K 0 0 41 | P2=2.5 P4=6 P5=0 P6=2.124 P7=6.0000 P9=10.00 P12=0
K 32 0 44
A D 12 8
H 2 T 1035 0 0 0 0 0 0 11 0
J N 6 755 1014 2 577 288 1 6
K 0 0 43 | P2=2.4 P4=9 P5=10 P6=0.141 P7=0.5000 P8=1000.00 P12=0
A D 1 8
J N 6 795 1021 2 1153 288 1 6
K 0 0 43 | P2=2.4 P4=8 P5=10 P6=0.135 P7=0.5000 P8=1000.00 P12=0
```

```
A D 1 8
J N 6 835 1028 2 1729 288 1 6
K 0 0 43 | P2=2.4 P4=7 P5=10 P6=0.130 P7=0.5000 P8=1000.00 P12=0
A D 1 8
J N 6 875 1021 2 2305 288 1 6
K 0 0 43 | P2=2.4 P4=8 P5=10 P6=0.135 P7=0.5000 P8=1000.00 P12=0
A D 1 8
J N 6 915 1035 2 2881 288 1 6
K 0 0 43 | P2=2.4 P4=6 P5=10 P6=0.124 P7=0.5000 P8=1000.00 P12=0
A D 1 8
H 6 B 42 2 108 6 2 1 1 1 3
J G 6 944 1021 2 3457 288 2 7 8
K 0 0 171 | P2=2.4 P4=108 P5=10 P6=0.135 P7=-1.0000 P8=1000.00 P12=0
A D 0 8
J G 6 965 1007 2 3457 0 1 8
K 0 0 171 | P2=2.4 P4=110 P5=10 P6=0.147 P7=-1.0000 P8=1000.00 P12=0
A D 0 8
H 8 B 43 -4 106 2 2 3
J N 8 987 42 4 3457 0 1 4
K 0 0 42 | P2=1.1 P4=5 P5=10 P6=1.187 P7=2.0000 P8=0.00 P12=0
K 0 0 59
K 0 -21 59
A D 4 8
H 4 T 42 0 0 11 0 0 7 0
J N 8 987 56 4 3457 0 1 5
K 0 0 42 | P2=2.3 P4=3 P5=20 P6=1.175 P7=2.0000 P8=-0.85 P12=1
K 0 0 60
K 0 14 60
A D 4 8
H 5 T 56 0 0 18 0 0 15 0
J N 7 987 986 8 3457 0 1 7
K 1 0 45
K 0 0 43 | P2=2.4 P4=13 P5=10 P6=0.164 P7=1.5000 P8=-2.00 P9=10.00 P12=0
K -1 0 45
K 2 0 45
K 24 -6 44
K 0 0 59
K 0 -7 59
A D 3 8
H 7 S 0 6 -34 6 -28 0 0 0 0
J N 6 1105 993 3 5185 864 0
K 0 0 43 | P2=2.4 P4=12 P5=10 P6=0.158 P7=0.5000 P8=-1.28 P9=1.00 P12=0
K 0 0 51
A D 1 8
J N 7 1145 49 4 5761 288 0
K 0 0 43 | P2=1.1 P4=4 P5=10 P6=0.181 P7=1.0000 P8=0.00 P12=0
K 0 0 59
K 0 -21 59
A D 2 8
J N 7 1145 49 4 5761 0 1 9
K 0 0 43 | P2=2.3 P4=4 P5=20 P6=0.181 P7=1.0000 P8=-0.85 P12=1
K 0 0 60
K 0 14 60
A D 2 8
J N 7 1145 1000 4 5761 0 0
K 0 0 43 | P2=2.4 P4=11 P5=10 P6=0.152 P7=1.0000 P8=-1.00 P12=0
K 0 0 59
K 0 -14 59
A D 2 8
```

```
J B 3 1231 1001 82 6913 576 0
J N 6 1258 14 2 1 0 1 10
K 0 0 43 | P2=1.1 P4=9 P5=10 P6=0.210 P7=0.5000 P8=1000.00 P12=0
A D 1 8
J N 8 1258 49 5 1 0 1 9
K 0 0 42 | P2=2.3 P4=4 P5=20 P6=1.181 P7=3.0000 P8=-0.85 P9=10.00 P12=1
K 25 0 44
K 0 0 60
K 0 14 60
A D 6 8
H 9 T 49 0 0 0 0 0 11 0
J N 8 1258 1007 5 1 0 1 11
K 0 0 42 | P2=2.4 P4=10 P5=10 P6=1.147 P7=3.0000 P8=-1.00 P9=10.00 P12=0
K 25 0 44
K 0 0 59
K 0 -14 59
A D 6 8
J N 8 1258 1042 6 1 0 1 12
K -18 0 63
K 0 0 42 | P2=2.5 P4=5 P5=22.00 P6=1.119 P7=3.0000 P8=-0.85 P9=110.00 P12=0
K 24 6 44
K 0 0 60
K 0 14 60
A D 6 8
J N 6 1298 21 2 577 288 1 10
K 0 0 43 | P2=1.1 P4=8 P5=10 P6=0.204 P7=0.5000 P8=1000.00 P12=0
A D 1 8
J N 6 1342 28 3 1153 288 1 10
K -18 0 63
K 0 0 43 | P2=1.1 P4=7 P5=12.00 P6=0.199 P7=0.5000 P8=1000.00 P12=0
A D 1 8
J N 6 1386 35 3 1729 288 1 10
K -18 0 63
K 0 0 43 | P2=1.1 P4=6 P5=12.00 P6=0.193 P7=0.5000 P8=1000.00 P12=0
A D 1 8
J N 6 1426 28 2 2305 288 1 10
K 0 0 43 | P2=1.1 P4=7 P5=10 P6=0.199 P7=0.5000 P8=1000.00 P12=0
A D 1 8
J N 6 1466 42 2 2881 288 1 10
K 0 0 43 | P2=1.1 P4=5 P5=10 P6=0.187 P7=0.5000 P8=1000.00 P12=0
A D 1 8
H 10 B 42 2 108 6 2 1 1 1 1 3
J N 7 1506 -7 5 3457 288 0
K 0 0 43 | P2=1.1 P4=12 P5=10 P6=0.227 P7=1.5000 P8=-1.00 P9=10.00 P12=0
K 25 0 44
K 0 0 59
K 0 -14 59
A D 3 8
J N 8 1506 42 6 3457 0 0
K 0 -28 42 | P2=2.3 P4=9 P5=20 P6=1.210 P7=2.0000 P8=3.14 P12=1
K 0 0 42 | P2=2.3 P4=5 P5=0 P6=1.187 P7=2.0000 P12=1
K 0 -28 60
K 0 0 60
K 0 14 60
A D 4 8
J N 8 1506 1007 4 3457 0 1 11
K 0 0 42 | P2=2.4 P4=10 P5=10 P6=1.147 P7=2.0000 P8=-1.00 P12=0
K 0 0 59
K 0 -14 59
```

```
A D 4 8
H 11 T 1007 0 0 0 0 0 3 0
J N 8 1506 1042 4 3457 0 1 12
K 0 0 42 | P2=2.5 P4=5 P5=20 P6=1.119 P7=2.0000 P8=-0.85 P12=0
K 0 0 60
K 0 14 60
A D 4 8
H 12 T 1042 0 0 0 0 0 15 0
J N 6 1624 0 3 5185 864 0
K 0 0 43 | P2=1.1 P4=11 P5=10 P6=0.221 P7=0.5000 P8=-1.28 P9=1.00 P12=0
K 0 0 51
A D 1 8
J N 7 1664 7 4 5761 288 0
K 0 0 43 | P2=1.1 P4=10 P5=10 P6=0.215 P7=1.0000 P8=-1.00 P12=0
K 0 0 59
K 0 -14 59
A D 2 8
J N 7 1664 42 6 5761 0 0
K 0 -21 43 | P2=2.3 P4=8 P5=20 P6=0.204 P7=1.0000 P8=2.14 P12=1
K 0 0 43 | P2=2.3 P4=5 P5=0 P6=0.187 P7=1.0000 P12=1
K 0 -21 60
K 0 0 60
K 0 14 60
A D 2 8
J N 7 1664 986 7 5761 0 0
K 1 0 45
K 0 0 43 | P2=2.4 P4=13 P5=10 P6=0.164 P7=1.0000 P8=-2.00 P12=0
K -1 0 45
K 2 0 45
K 0 0 59
K 0 -7 59
A D 2 8
J N 7 1664 1035 4 5761 0 0
K 0 0 43 | P2=2.5 P4=6 P5=20 P6=0.124 P7=1.0000 P8=-0.85 P12=0
K 0 0 60
K 0 14 60
A D 2 8
J B 4 1750 1001 82 6913 576 0
E *
B 1 673 0
B 1 1231 0
B 1 1750 0
S 0 200 620 2050 226 1 "({.})"
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```
X 31 1050 30 SCORECON PAGE I-FILE.    created: 04/28/03 by W Hewlett
X 31 1090 65 Composer: J.S.Bach          Source: Bach Gesellschaft xiv
X 31 1090 100 Work: BWV 849:1        WTC I: Prelude and Fugue in C-sharp minor
X 31 2120 30 Page: 1
X 46 575 120 Praeludium IV. | P2=14 P3=48.842 P4=28.14 P5=0 P6=2.00 TEXT=_0
S 0 500 240 1750 226 1 "({.})" | (x2) P2=13 P3=42.074 P4=2 P5=0 | P2=13 P3=
L 0 0 0 0 0 * 170 14 @14 | (x2) P2=14 P3=42.074 P4=-93.06 P5=0.52 P6=200.00
J D 0 -300 42 1 6913 0 0
W 0 0 39
J C 4 5 42 2 6913 0 0 | P2=14 P3=42.525 P4=0 P5=0
K 0 0 33
K 0 0 34
J C 22 5 1014 36 6913 0 0 | P2=13 P3=42.525 P4=0 P5=1
J K 4 57 0 4 6913 0 0 | P2=14 P3=47.218 P4=0 P5=4 P6=0 P7=.8
K 0 0 63
K 15 21 63
K 30 -7 63
K 45 14 63
J K 4 57 1000 4 6913 0 0 | P2=13 P3=47.218 P4=0 P5=4 P6=1 P7=.8
K 0 14 63
K 15 35 63
K 30 7 63
K 45 28 63
J T 604 142 0 2 6913 0 0 | P2=14 P3=54.888 P4=0 P5=6 P6=4
K -10 28 77
K -10 56 75
J T 604 142 1000 2 6913 0 0 | P2=13 P3=54.888 P4=0 P5=6 P6=4
K -10 28 77
K -10 56 75
J N 6 181 42 2 1 0 1 1
K 0 0 43 | P2=14.1 P3=58.408 P4=5 P5=10 P6=0.187 P7=0.5000 P8=-0.85 P12=0
A D 1 8
J R 8 181 0 2 1 0 0
K 0 0 0 | P2=13.3 P3=58.408 P4=4 P5=-1 P6=-1 P7=3.0000 P8=0 P12=0
A D 6 8
J R 9 181 1000 2 1 0 0
K 0 0 0 | P2=13.4 P3=58.408 P4=4 P5=-2 P6=-1 P7=6.0000 P8=0 P12=0
A D 12 8
J N 9 181 1035 3 1 0 1 2
K 0 0 41 | P2=13.5 P3=58.408 P4=6 P5=0 P6=2.124 P7=6.0000 P9=10.00 P12=0
K 32 0 44
A D 12 8
J N 6 224 49 2 577 288 1 1
K 0 0 43 | P2=14.1 P3=62.288 P4=4 P5=10 P6=0.181 P7=0.5000 P8=-0.28 P12=0
A D 1 8
J N 6 265 56 2 1153 288 1 1
K 0 0 43 | P2=14.1 P3=65.988 P4=3 P5=10 P6=0.175 P7=0.5000 P8=0.29 P12=0
A D 1 8
J N 6 306 63 2 1729 288 1 1
K 0 0 43 | P2=14.1 P3=69.688 P4=2 P5=10 P6=0.170 P7=0.5000 P8=1.00 P12=0
A D 1 8
J N 6 347 56 2 2305 288 1 1
K 0 0 43 | P2=14.1 P3=73.388 P4=3 P5=10 P6=0.175 P7=0.5000 P8=-0.42 P12=0
A D 1 8
J N 6 388 70 5 2881 288 1 1
K 1 0 45
K 0 0 43 | P2=14.1 P3=77.088 P4=1 P5=10 P6=0.164 P7=0.5000 P8=1.14 P12=0
K -1 0 45
K 2 0 45
A D 1 8
H 1 B 45 2 108 6 2 1 1 1 1 3 | P2=14 P3=58.408 P4=4.43 P5=2.47 P6=77.088 P7
```

Page 1-after

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J N 7 429 21 5 3457 288 0
K 0 0 43 | P2=14.1 P3=80.788 P4=8 P5=10 P6=0.204 P7=1.5000 P8=-1.00 P9=10.0
K 25 0 44
K 0 0 59
K 0 -14 59
A D 3 8
J N 8 429 56 6 3457 0 0
K 0 -14 42 | P2=13.3 P3=80.788 P4=5 P5=20 P6=1.187 P7=2.0000 P8=1.14 P12=1
K 0 0 42 | P2=13.3 P3=80.788 P4=3 P5=0 P6=1.175 P7=2.0000 P12=1
K 0 -14 60
K 0 0 60
K 0 14 60
A D 4 8
J N 6 547 28 3 5185 864 0
K 0 0 43 | P2=14.1 P3=91.437 P4=7 P5=10 P6=0.198 P7=0.5000 P8=-1.28 P9=1.00
K 0 0 51
A D 1 8
J N 7 587 35 4 5761 288 0
K 0 0 43 | P2=14.1 P3=95.047 P4=6 P5=10 P6=0.192 P7=1.0000 P8=0.00 P12=0
K 0 0 59
K 0 -21 59
A D 2 8
J N 7 587 49 4 5761 0 0
K 0 0 43 | P2=13.3 P3=95.047 P4=4 P5=20 P6=0.181 P7=1.0000 P8=-0.85 P12=1
K 0 0 60
K 0 14 60
A D 2 8
J B 2 673 1001 82 6913 576 0
J G 6 685 35 3 1 0 1 3
K 0 0 171 | P2=14.1 P3=103.891 P4=106 P5=10 P6=0.192 P7=-1.0000 P8=1.02 P9=
K 0 0 181
A D 0 8
J N 8 715 42 6 1 0 2 4 3
K 0 0 42 | P2=14.1 P3=106.598 P4=5 P5=10 P6=1.187 P7=3.0000 P8=0.00 P9=10.0
K 24 -6 44
K 0 -56 239
K 0 0 59
K 0 -21 59
A D 6 8
H 3 S 0 14 0 0 0 0 0 0 0 | P2=14.0 P3=103.891 P4=8.00 P5=7.43 P6=106.598 P7
J N 8 715 56 5 1 0 1 5
K 0 0 42 | P2=13.3 P3=106.598 P4=3 P5=20 P6=1.175 P7=3.0000 P8=-0.85 P9=110
K 24 6 44
K 0 0 60
K 0 14 60
A D 6 8
J N 6 715 1007 2 1 0 1 6
K 0 0 43 | P2=13.4 P3=106.598 P4=10 P5=10 P6=0.147 P7=0.5000 P8=-1.28 P12=0
A D 1 8
J N 9 715 1035 3 1 0 1 2
K 0 0 41 | P2=13.5 P3=106.598 P4=6 P5=0 P6=2.124 P7=6.0000 P9=10.00 P12=0
K 32 0 44
A D 12 8
H 2 T 1035 0 0 0 0 0 0 11 0 | P2=13.5 P3=58.408 P4=4.00 P5=4.00 P6=106.598 P7
J N 6 755 1014 2 577 288 1 6
K 0 0 43 | P2=13.4 P3=110.208 P4=9 P5=10 P6=0.141 P7=0.5000 P8=-0.71 P12=0
A D 1 8
J N 6 795 1021 2 1153 288 1 6
K 0 0 43 | P2=13.4 P3=113.818 P4=8 P5=10 P6=0.135 P7=0.5000 P8=0.00 P12=0
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A D 1 8
J N 6 835 1028 2 1729 288 1 6
K 0 0 43 | P2=13.4 P3=117.427 P4=7 P5=10 P6=0.130 P7=0.5000 P8=0.57 P12=0
A D 1 8
J N 6 875 1021 2 2305 288 1 6
K 0 0 43 | P2=13.4 P3=121.037 P4=8 P5=10 P6=0.135 P7=0.5000 P8=-0.85 P12=0
A D 1 8
J N 6 915 1035 2 2881 288 1 6
K 0 0 43 | P2=13.4 P3=124.647 P4=6 P5=10 P6=0.124 P7=0.5000 P8=0.86 P12=0
A D 1 8
H 6 B 42 2 108 6 2 1 1 1 3 | P2=13 P3=106.598 P4=9.00 P5=7.10 P6=124.647
J G 6 944 1021 2 3457 288 2 7 8
K 0 0 171 | P2=13.4 P3=127.264 P4=108 P5=10 P6=0.135 P7=-1.0000 P8=1.17 P12
A D 0 8
J G 6 965 1007 2 3457 0 1 8
K 0 0 171 | P2=13.4 P3=129.159 P4=110 P5=10 P6=0.147 P7=-1.0000 P8=-0.41 P1
A D 0 8
H 8 B 43 -4 106 2 2 3 | P2=13 P3=127.264 P4=109.44 P5=9.84 P6=129.159 P7=11
J N 8 987 42 4 3457 0 1 4
K 0 0 42 | P2=14.1 P3=131.144 P4=5 P5=10 P6=1.187 P7=2.0000 P8=0.00 P12=0
K 0 0 59
K 0 -21 59
A D 4 8
H 4 T 42 0 0 11 0 0 7 0 | P2=14.1 P3=106.598 P4=6.14 P5=6.14 P6=131.144 P7=
J N 8 987 56 4 3457 0 1 5
K 0 0 42 | P2=13.3 P3=131.144 P4=3 P5=20 P6=1.175 P7=2.0000 P8=-0.85 P12=1
K 0 0 60
K 0 14 60
A D 4 8
H 5 T 56 0 0 18 0 0 15 0 | P2=13.3 P3=106.598 P4=26.29 P5=26.29 P6=131.144
J N 7 987 986 8 3457 0 1 7
K 1 0 45
K 0 0 43 | P2=13.4 P3=131.144 P4=13 P5=10 P6=0.164 P7=1.5000 P8=-2.00 P9=10
K -1 0 45
K 2 0 45
K 24 -6 44
K 0 0 59
K 0 -7 59
A D 3 8
H 7 S 0 6 -34 6 -28 0 0 0 0 | P2=13.0 P3=127.264 P4=15.00 P5=19.29 P6=131.1
J N 6 1105 993 3 5185 864 0
K 0 0 43 | P2=13.4 P3=141.793 P4=12 P5=10 P6=0.158 P7=0.5000 P8=-1.28 P9=1.
K 0 0 51
A D 1 8
J N 7 1145 49 4 5761 288 0
K 0 0 43 | P2=14.1 P3=145.403 P4=4 P5=10 P6=0.181 P7=1.0000 P8=0.00 P12=0
K 0 0 59
K 0 -21 59
A D 2 8
J N 7 1145 49 4 5761 0 1 9
K 0 0 43 | P2=13.3 P3=145.403 P4=4 P5=20 P6=0.181 P7=1.0000 P8=-0.85 P12=1
K 0 0 60
K 0 14 60
A D 2 8
J N 7 1145 1000 4 5761 0 0
K 0 0 43 | P2=13.4 P3=145.403 P4=11 P5=10 P6=0.152 P7=1.0000 P8=-1.00 P12=0
K 0 0 59
K 0 -14 59
A D 2 8
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J B 3 1231 1001 82 6913 576 0
J N 6 1258 14 2 1 0 1 10
K 0 0 43 | P2=14.1 P3=155.600 P4=9 P5=10 P6=0.210 P7=0.5000 P8=-1.28 P12=0
A D 1 8
J N 8 1258 49 5 1 0 1 9
K 0 0 42 | P2=13.3 P3=155.600 P4=4 P5=20 P6=1.181 P7=3.0000 P8=-0.85 P9=10.
K 25 0 44
K 0 0 60
K 0 14 60
A D 6 8
H 9 T 49 0 0 0 0 0 11 0 | P2=13.3 P3=145.403 P4=27.72 P5=27.72 P6=155.600 P
J N 8 1258 1007 5 1 0 1 11
K 0 0 42 | P2=13.4 P3=155.600 P4=10 P5=10 P6=1.147 P7=3.0000 P8=-1.00 P9=10
K 25 0 44
K 0 0 59
K 0 -14 59
A D 6 8
J N 8 1258 1042 6 1 0 1 12
K -18 0 63
K 0 0 42 | P2=13.5 P3=155.600 P4=5 P5=22.00 P6=1.119 P7=3.0000 P8=-0.85 P9=
K 24 6 44
K 0 0 60
K 0 14 60
A D 6 8
J N 6 1298 21 2 577 288 1 10
K 0 0 43 | P2=14.1 P3=159.210 P4=8 P5=10 P6=0.204 P7=0.5000 P8=-0.71 P12=0
A D 1 8
J N 6 1342 28 3 1153 288 1 10
K -18 0 63
K 0 0 43 | P2=14.1 P3=163.181 P4=7 P5=12.00 P6=0.199 P7=0.5000 P8=-0.13 P12
A D 1 8
J N 6 1386 35 3 1729 288 1 10
K -18 0 63
K 0 0 43 | P2=14.1 P3=167.152 P4=6 P5=12.00 P6=0.193 P7=0.5000 P8=0.43 P12=
A D 1 8
J N 6 1426 28 2 2305 288 1 10
K 0 0 43 | P2=14.1 P3=170.761 P4=7 P5=10 P6=0.199 P7=0.5000 P8=-0.85 P12=0
A D 1 8
J N 6 1466 42 2 2881 288 1 10
K 0 0 43 | P2=14.1 P3=174.371 P4=5 P5=10 P6=0.187 P7=0.5000 P8=0.71 P12=0
A D 1 8
H 10 B 42 2 108 6 2 1 1 1 1 3 | P2=14 P3=155.600 P4=8.00 P5=6.03 P6=174.371
J N 7 1506 -7 5 3457 288 0
K 0 0 43 | P2=14.1 P3=177.981 P4=12 P5=10 P6=0.227 P7=1.5000 P8=-1.00 P9=10
K 25 0 44
K 0 0 59
K 0 -14 59
A D 3 8
J N 8 1506 42 6 3457 0 0
K 0 -28 42 | P2=13.3 P3=177.981 P4=9 P5=20 P6=1.210 P7=2.0000 P8=3.14 P12=1
K 0 0 42 | P2=13.3 P3=177.981 P4=5 P5=0 P6=1.187 P7=2.0000 P12=1
K 0 -28 60
K 0 0 60
K 0 14 60
A D 4 8
J N 8 1506 1007 4 3457 0 1 11
K 0 0 42 | P2=13.4 P3=177.981 P4=10 P5=10 P6=1.147 P7=2.0000 P8=-1.00 P12=0
K 0 0 59
K 0 -14 59
```

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A D 4 8
H 11 T 1007 0 0 0 0 0 3 0 | P2=13.4 P3=155.600 P4=11.71 P5=11.71 P6=177.981
J N 8 1506 1042 4 3457 0 1 12
K 0 0 42 | P2=13.5 P3=177.981 P4=5 P5=20 P6=1.119 P7=2.0000 P8=-0.85 P12=0
K 0 0 60
K 0 14 60
A D 4 8
H 12 T 1042 0 0 0 0 0 15 0 | P2=13.5 P3=155.600 P4=4.00 P5=4.00 P6=177.981
J N 6 1624 0 3 5185 864 0
K 0 0 43 | P2=14.1 P3=188.630 P4=11 P5=10 P6=0.221 P7=0.5000 P8=-1.28 P9=1.
K 0 0 51
A D 1 8
J N 7 1664 7 4 5761 288 0
K 0 0 43 | P2=14.1 P3=192.240 P4=10 P5=10 P6=0.215 P7=1.0000 P8=-1.00 P12=0
K 0 0 59
K 0 -14 59
A D 2 8
J N 7 1664 42 6 5761 0 0
K 0 -21 43 | P2=13.3 P3=192.240 P4=8 P5=20 P6=0.204 P7=1.0000 P8=2.14 P12=1
K 0 0 43 | P2=13.3 P3=192.240 P4=5 P5=0 P6=0.187 P7=1.0000 P12=1
K 0 -21 60
K 0 0 60
K 0 14 60
A D 2 8
J N 7 1664 986 7 5761 0 0
K 1 0 45
K 0 0 43 | P2=13.4 P3=192.240 P4=13 P5=10 P6=0.164 P7=1.0000 P8=-2.00 P12=0
K -1 0 45
K 2 0 45
K 0 0 59
K 0 -7 59
A D 2 8
J N 7 1664 1035 4 5761 0 0
K 0 0 43 | P2=13.5 P3=192.240 P4=6 P5=20 P6=0.124 P7=1.0000 P8=-0.85 P12=0
K 0 0 60
K 0 14 60
A D 2 8
J B 4 1750 1001 82 6913 576 0
E *
B 1 673 0 | (x1) | P2=13 P3=102.808 P4=2 P5=0
B 1 1231 0 | (x1) | P2=13 P3=153.164 P4=2 P5=0
B 1 1750 0 | (x1) | P2=13 P3=200.000 P4=2 P5=0
S 0 200 620 2050 226 1 "({.})" | (x2) P2=11 P3=15.000 P4=2 P5=0 | P2=11 P3=
```

```
99.  1.0   SCORE (tm) San Andreas Press .pmx file.  created: 04/28/03 by W H
99.  1.0    Data converted from the MUSEDATA format.  Source data compiled
99.  1.0    the Center for Computer Assisted Research in the Humanities,
99.  1.0    located at Stanford University.  (http://www.ccarh.org)
99.  1.0   Composer: J.S.Bach      Source: Bach Gesellschaft xiv
99.  1.0   Work: BWV 849:1      WTC I: Prelude and Fugue in C-sharp minor / P
99.  1.0   Page: 1        (c) Copyright 2003 by CCARH
8.   13.0   42.074   -83.21      0.52    200.00     0.0000     0.00      1.100
14.  13.0   42.074     2.00      8.00      1.50
14.  13.0   42.074     2.00
3.   13.0   42.525     0.00      1.00
17.  13.0   47.218     0.00      4.00      1.00     0.8000
18.  13.0   54.888     0.00      6.00      4.00
1.   13.0   58.408     6.00      0.00      2.00     6.0000     0.00     10.00
2.   13.0   58.408     4.00     -2.00     -1.00     6.0000     0.00      0.00
2.   13.0   58.408     4.00     -1.00     -1.00     3.0000     0.00      0.00
5.   13.0   58.408     4.00      4.00    106.60    -1.8600    -3.00      1.00
1.   13.0   80.788     3.00      0.00      1.00     2.0000     0.00      0.00
1.   13.0   80.788     5.00     20.00      1.00     2.0000     1.14      0.00
1.   13.0   95.047     4.00     20.00      0.00     1.0000    -0.85      0.00
14.  13.0  102.808     2.00
1.   13.0  106.598    10.00     10.00      0.00     0.5000    -1.28      0.00
1.   13.0  106.598     6.00      0.00      2.00     6.0000     0.00     10.00
1.   13.0  106.598     3.00     20.00      1.00     3.0000    -0.85    110.00
5.   13.0  106.598    26.29     26.29    131.14    -2.4300    -3.00      0.70
6.   13.0  106.598     9.00      7.10    124.65    11.0000
1.   13.0  110.208     9.00     10.00      0.00     0.5000    -0.71      0.00
1.   13.0  113.818     8.00     10.00      0.00     0.5000     0.00      0.00
1.   13.0  117.427     7.00     10.00      0.00     0.5000     0.57      0.00
1.   13.0  121.037     8.00     10.00      0.00     0.5000    -0.85      0.00
1.   13.0  124.647     6.00     10.00      0.00     0.5000     0.86      0.00
1.   13.0  127.264   108.00     10.00      0.00    -1.0000     1.17      0.00
5.   13.0  127.264    15.00     19.29    131.14     0.8600    -6.00     -0.50
6.   13.0  127.264   109.44      9.84    129.16    11.0000
1.   13.0  129.159   110.00     10.00      0.00    -1.0000    -0.41      0.00
1.   13.0  131.144    13.00     10.00      0.00     1.5000    -2.00     10.00
1.   13.0  131.144     3.00     20.00      1.00     2.0000    -0.85      0.00
1.   13.0  141.793    12.00     10.00      0.00     0.5000    -1.28      1.00
1.   13.0  145.403     4.00     20.00      0.00     1.0000    -0.85      0.00
1.   13.0  145.403    11.00     10.00      0.00     1.0000    -1.00      0.00
5.   13.0  145.403    27.72     27.72    155.60    -1.4300    -2.00      0.40
14.  13.0  153.164     2.00
1.   13.0  155.600     4.00     20.00      1.00     3.0000    -0.85     10.00
1.   13.0  155.600    10.00     10.00      1.00     3.0000    -1.00     10.00
1.   13.0  155.600     5.00     22.00      1.00     3.0000    -0.85    110.00
5.   13.0  155.600    11.71     11.71    177.98     2.2900    -3.00      0.70
5.   13.0  155.600     4.00      4.00    177.98    -2.2900    -3.00      0.70
1.   13.0  177.981    10.00     10.00      1.00     2.0000    -1.00      0.00
1.   13.0  177.981     9.00     20.00      1.00     2.0000     3.14      0.00
1.   13.0  177.981     5.00     20.00      1.00     2.0000    -0.85      0.00
1.   13.0  177.981     5.00      0.00      1.00     2.0000     0.00      0.00
1.   13.0  192.240     8.00     20.00      0.00     1.0000     2.14      0.00
1.   13.0  192.240     5.00      0.00      0.00     1.0000     0.00      0.00
1.   13.0  192.240    13.00     10.00      0.00     1.0000    -2.00      0.00
1.   13.0  192.240     6.00     20.00      0.00     1.0000    -0.85      0.00
14.  13.0  200.000     2.00
8.   14.0   42.074   -93.06      0.52    200.00     0.0000     0.00      1.100
3.   14.0   42.525     0.00      0.00      0.00     0.0000     0.00      0.00
17.  14.0   47.218     0.00      4.00      0.00     0.8000
t    14.0   48.842    28.14      0.00      2.00
_00Praeludium IV.
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18.	14.0	54.888	0.00	6.00	4.00			
1.	14.0	58.408	5.00	10.00	0.00	0.5000	-0.85	0.00
6.	14.0	58.408	4.43	2.47	77.09	11.0000		
1.	14.0	62.288	4.00	10.00	0.00	0.5000	-0.28	0.00
1.	14.0	65.988	3.00	10.00	0.00	0.5000	0.29	0.00
1.	14.0	69.688	2.00	10.00	0.00	0.5000	1.00	0.00
1.	14.0	73.388	3.00	10.00	0.00	0.5000	-0.42	0.00
1.	14.0	77.088	1.00	10.00	0.00	0.5000	1.14	0.00
1.	14.0	80.788	8.00	10.00	0.00	1.5000	-1.00	10.00
1.	14.0	91.437	7.00	10.00	0.00	0.5000	-1.28	1.00
1.	14.0	95.047	6.00	10.00	0.00	1.0000	0.00	0.00
1.	14.0	103.891	106.00	10.00	0.00	-1.0000	1.02	1.00
5.	14.0	103.891	8.00	7.43	106.60	0.4300	-4.00	-0.50
1.	14.0	106.598	5.00	10.00	1.00	3.0000	0.00	10.00
5.	14.0	106.598	6.14	6.14	131.14	1.8600	-3.00	0.70
1.	14.0	131.144	5.00	10.00	1.00	2.0000	0.00	0.00
1.	14.0	145.403	4.00	10.00	0.00	1.0000	0.00	0.00
1.	14.0	155.600	9.00	10.00	0.00	0.5000	-1.28	0.00
6.	14.0	155.600	8.00	6.03	174.37	11.0000		
1.	14.0	159.210	8.00	10.00	0.00	0.5000	-0.71	0.00
1.	14.0	163.181	7.00	12.00	0.00	0.5000	-0.13	0.00
1.	14.0	167.152	6.00	12.00	0.00	0.5000	0.43	0.00
1.	14.0	170.761	7.00	10.00	0.00	0.5000	-0.85	0.00
1.	14.0	174.371	5.00	10.00	0.00	0.5000	0.71	0.00
1.	14.0	177.981	12.00	10.00	0.00	1.5000	-1.00	10.00
1.	14.0	188.630	11.00	10.00	0.00	0.5000	-1.28	1.00
1.	14.0	192.240	10.00	10.00	0.00	1.0000	-1.00	0.00