

sonata number one

for  
solo piano

sonata number two

sonata number three

sonata number four (der verlebte)

sonata number five

sonata number six (pathétique)

sonata number six

sonata number seven

sonata number eight

sonata number ten

sonata number thirteen

sonata number fifteen (pastorale)

Sonata number seventeen (der sturm)

sonata number nineteen

Sonata number twenty

sonata number sixteen

sonata number eighteen

sonata number twenty-four

sonata number fourteen (monde)

sonata number twenty-one (waldstein)

sonata number twenty-two

sonata number eleven

sonata number twenty-three (appassionata)

sonata number twenty-five

sonata number twenty-seven

sonata number twelve (thérèse)

sonata number twenty-eight

sonata number twenty-eight

Sonata number thirty

sonata number twenty-nine (hammerklavier)

sonata number thirty-one

sonata number thirty-two

by  
David  
Pocknee

ABOUT THE PIECE

A mesostic is a poetic form invented by John Cage. A mesostic takes a target text and embeds it into the spine of the writing, similar to the way in which an acrostic will embed a target text into the first letter of each line - an example can be seen on the front of this score. This piano piece is probably the world's first ever musical mesostic.

Starting with a corpus of all 32 of Beethoven's Keyboard Sonatas, this piece uses an ascending, five-octave chromatic scale as a "target text", built by collaging together fragments of Beethoven's sonatas. The work was made using an lisp algorithm with following approach:

1. Order the Beethoven Sonatas sequentially from 1-32.
2. Start with a blank score, from here on referred to as the "mesostic score".
3. Start from the first bar of the first Beethoven sonata and move forward note-by-note searching for the first note of the ascending, five-octave chromatic scale (the G an octave below the lowest line of the bass clef).
4. When this note has been found, copy all of the music in the sonata that occurs during the duration of this note.
5. Paste the copied music into the beginning of the mesostic score.
6. Go back to the Beethoven sonata. Search forward note-by-note from the position directly after the end of the section of music that was copied, looking for the next note in the ascending scale.
7. When the note has been found, copy all of the music that occurs during the duration of this note.
8. Paste the copied music into the mesostic score, directly after the end of the last segment of music copied in.
9. Repeat instructions 6-8. If you reach the end of a sonata, start at the beginning of the next one. If you reach the end of the ascending scale, start back at the beginning, and keep looping until the end of the piece. The work ends when you reach the end of the 32nd sonata.

Figure 1 shows this process in action at the very opening of the piece. It shows the actual sections of music from the Beethoven sonatas that were copied to make the mesostic in the centre. It is noticeable that not all of the notes are copied from each section. This is due to a coding error with the program (mid2asc.exe) which I used to translate MIDI data of the sonatas into more easily manipulable text data which my Lisp algorithm could operate upon. However, this unintentional error created a pleasing transparency to the harmony of the work that aids creating continuity between each collaged section.

Figure 1. Origin of quotations in the first line of "A Beethoven Mesostic"

The image displays a central musical score for the first line of "A Beethoven Mesostic" in bass clef, with a tempo marking of 100. This central score is composed of several collaged segments from various Beethoven sonatas. Red boxes highlight specific sections in the original source scores, with red lines connecting them to their corresponding positions in the central mesostic score. The source scores shown are:

- G# & A- Sonata 2 - Allegro Vivace - bar 101
- Bb - Sonata 2 - Largo Appassionato - bar 61
- G - Sonata 1 - Adagio - bar 25
- C# - Sonata 3 - Allegro - bar 103
- B - Sonata 2 - Largo - bar 76
- C - Sonata 3 - Allegro - bar 13

The central score features dynamic markings such as *sfz*, *p*, *mf*, and *sf*, and includes fingerings and articulation marks. The collaged segments are clearly visible as distinct textures and melodic lines within the overall piece.

The following tables give the positions in each Beethoven sonata that supplied the material for each consecutive section of this piece.

Information given is the target note, the number of the sonata, the beat in the MIDI file in which this note occurs and the duration which this note (and subsequently the section) lasts for.

Important note: All of these bar numbers refer to the MIDI encoding of the sonata and not the notation. These are often different, due to how repeats are encoded and other idiosyncrasies of the MIDI format. Additionally, the durations are often rounded to odd values due to errors in the conversion from MIDI to text and the quantization of the MIDI to 240 ticks per second.

|     | Sonata Source |               |                        |                              |
|-----|---------------|---------------|------------------------|------------------------------|
|     | Target Pitch  | Sonata Number | Starting Beat of Pitch | Duration of pitch (in beats) |
| 1   | G1            | 1             | 780                    | 2+1/2                        |
| 2   | G#1           | 2             | 203+1/2                | 59/240                       |
| 3   | A1            | 2             | 204                    | 1+239/240                    |
| 4   | Bb1           | 2             | 855                    | 119/240                      |
| 5   | B1            | 2             | 901+1/2                | 119/240                      |
| 6   | C2            | 3             | 52                     | 239/240                      |
| 7   | C#2           | 3             | 412                    | 7+239/240                    |
| 8   | D2            | 3             | 590                    | 119/240                      |
| 9   | Eb2           | 3             | 886                    | 119/240                      |
| 10  | E2            | 3             | 1025                   | 77/240                       |
| 11  | F2            | 3             | 1028                   | 77/240                       |
| 12  | F#2           | 3             | 1090                   | 239/240                      |
| 13  | G2            | 3             | 1126                   | 1+239/240                    |
| 14  | G#2           | 3             | 1256                   | 1+239/240                    |
| 15  | A2            | 3             | 1261+1/2               | 119/240                      |
| 16  | Bb2           | 3             | 1310                   | 1+239/240                    |
| 17  | B2            | 3             | 1312                   | 1+239/240                    |
| 18  | C3            | 3             | 1432                   | 19/48                        |
| 19  | C#3           | 3             | 1628                   | 239/240                      |
| 20  | D3            | 3             | 1736                   | 2+239/240                    |
| 21  | Eb3           | 3             | 1880                   | 19/48                        |
| 22  | E3            | 3             | 1929+1/2               | 119/240                      |
| 23  | F3            | 3             | 1931                   | 19/48                        |
| 24  | F#3           | 3             | 2140+1/2               | 77/240                       |
| 25  | G3            | 3             | 2146+1/2               | 77/240                       |
| 26  | G#3           | 3             | 2201                   | 119/240                      |
| 27  | A3            | 3             | 2227                   | 119/240                      |
| 28  | Bb3           | 3             | 2365+1/2               | 77/240                       |
| 29  | B3            | 3             | 2367                   | 77/240                       |
| 30  | C4            | 3             | 2368+1/2               | 77/240                       |
| 31  | C#4           | 3             | 2536+1/2               | 77/240                       |
| 32  | D4            | 3             | 2547+1/2               | 1+119/240                    |
| 33  | Eb4           | 3             | 2553+1/2               | 1+119/240                    |
| 34  | E4            | 3             | 2569+1/2               | 77/240                       |
| 35  | F4            | 3             | 2571+3/8               | 29/240                       |
| 36  | F#4           | 3             | 2694                   | 77/240                       |
| 37  | G4            | 3             | 2694+1/2               | 119/240                      |
| 38  | G#4           | 3             | 2709                   | 77/240                       |
| 39  | A4            | 3             | 2709+1/2               | 119/240                      |
| 40  | Bb4           | 3             | 2877+1/2               | 77/240                       |
| 41  | B4            | 3             | 2878                   | 77/240                       |
| 42  | C5            | 3             | 2880                   | 77/240                       |
| 43  | C#5           | 4             | 95+1/2                 | 19/60                        |
| 44  | D5            | 4             | 158+1/2                | 19/60                        |
| 45  | Eb5           | 4             | 184+1/2                | 1+59/120                     |
| 46  | E5            | 4             | 199+1/2                | 1+59/120                     |
| 47  | F5            | 4             | 201                    | 119/120                      |
| 48  | F#5           | 4             | 256+1/2                | 59/120                       |
| 49  | G5            | 4             | 257                    | 59/120                       |
| 50  | G#5           | 4             | 295                    | 29/120                       |
| 51  | A5            | 4             | 295+1/4                | 29/120                       |
| 52  | Bb5           | 4             | 295+1/2                | 29/120                       |
| 53  | B5            | 4             | 295+3/4                | 29/120                       |
| 54  | C6            | 4             | 296                    | 29/120                       |
| 55  | C#6           | 4             | 296+1/4                | 29/120                       |
| 56  | D6            | 4             | 296+1/2                | 29/120                       |
| 57  | Eb6           | 4             | 296+2/3                | 29/120                       |
| 58  | E6            | 4             | 296+5/6                | 29/120                       |
| 59  | F6            | 4             | 297                    | 119/120                      |
| 60  | F#6           | 5             | 707                    | 239/240                      |
| 61  | G1            | 5             | 786                    | 239/240                      |
| 62  | G#1           | 5             | 1603                   | 239/240                      |
| 63  | A1            | 5             | 1711                   | 77/240                       |
| 64  | Bb1           | 5             | 1712                   | 1+239/240                    |
| 65  | B1            | 5             | 1787                   | 77/240                       |
| 66  | C2            | 5             | 1788                   | 77/240                       |
| 67  | C#2           | 5             | 2248                   | 1+239/240                    |
| 68  | D2            | 6             | 278+1/6                | 1/6                          |
| 69  | Eb2           | 6             | 560                    | 1/2                          |
| 70  | E2            | 6             | 567                    | 1                            |
| 71  | F2            | 6             | 568                    | 1                            |
| 72  | F#2           | 7             | 4+1/2                  | 59/240                       |
| 73  | G2            | 7             | 7+1/2                  | 59/240                       |
| 74  | G#2           | 7             | 105+1/4                | 59/240                       |
| 75  | A2            | 7             | 106                    | 89/240                       |
| 76  | Bb2           | 7             | 167                    | 89/240                       |
| 77  | B2            | 7             | 178                    | 59/240                       |
| 78  | C3            | 7             | 311                    | 253/480                      |
| 79  | C#3           | 7             | 322                    | 89/240                       |
| 80  | D3            | 7             | 325                    | 59/240                       |
| 81  | Eb3           | 7             | 344+1/2                | 59/240                       |
| 82  | E3            | 7             | 345                    | 59/240                       |
| 83  | F3            | 7             | 515                    | 89/240                       |
| 84  | F#3           | 7             | 536                    | 59/240                       |
| 85  | G3            | 7             | 545+1/2                | 14/15                        |
| 86  | G#3           | 7             | 635+1/2                | 1+239/240                    |
| 87  | A3            | 7             | 650+1/2                | 119/240                      |
| 88  | Bb3           | 7             | 733+1/12               | 1+433/480                    |
| 89  | B3            | 7             | 767+1/2                | 119/240                      |
| 90  | C4            | 7             | 771                    | 119/240                      |
| 91  | C#4           | 7             | 832                    | 2+239/240                    |
| 92  | D4            | 7             | 838                    | 179/240                      |
| 93  | Eb4           | 7             | 857+1/2                | 119/240                      |
| 94  | E4            | 7             | 862+1/2                | 89/240                       |
| 95  | F4            | 7             | 874                    | 1-14/15                      |
| 96  | F#4           | 7             | 880                    | 239/240                      |
| 97  | G4            | 7             | 881                    | 3+421/480                    |
| 98  | G#4           | 7             | 1053                   | 1+1/96                       |
| 99  | A4            | 7             | 1054                   | 119/240                      |
| 100 | Bb4           | 7             | 1063                   | 1-23/48                      |

|     | Sonata Source |               |                        |                              |
|-----|---------------|---------------|------------------------|------------------------------|
|     | Target Pitch  | Sonata Number | Starting Beat of Pitch | Duration of pitch (in beats) |
| 101 | B4            | 7             | 1109+1/2               | 13/80                        |
| 102 | C5            | 7             | 1877                   | 59/240                       |
| 103 | C#5           | 7             | 1888+1/4               | 59/240                       |
| 104 | D5            | 7             | 1893+1/2               | 59/240                       |
| 105 | Eb5           | 7             | 1893+3/4               | 59/240                       |
| 106 | E5            | 7             | 1894                   | 59/240                       |
| 107 | F5            | 7             | 1894+1/4               | 59/240                       |
| 108 | F#5           | 7             | 1894+1/2               | 59/240                       |
| 109 | G5            | 7             | 1894+3/4               | 59/240                       |
| 110 | G#5           | 7             | 1895                   | 59/240                       |
| 111 | A5            | 7             | 1895+1/4               | 59/240                       |
| 112 | Bb5           | 7             | 1895+1/2               | 59/240                       |
| 113 | B5            | 7             | 1895+3/4               | 59/240                       |
| 114 | C6            | 7             | 1896                   | 59/240                       |
| 115 | C#6           | 7             | 1896+1/4               | 59/240                       |
| 116 | D6            | 7             | 1896+1/2               | 59/240                       |
| 117 | Eb6           | 7             | 1896+3/4               | 59/240                       |
| 118 | E6            | 7             | 1897                   | 1+119/240                    |
| 119 | F6            | 7             | 1949+1/2               | 239/240                      |
| 120 | F#6           | 9             | 167                    | 239/240                      |
| 121 | G1            | 9             | 724                    | 239/240                      |
| 122 | G#1           | 9             | 1539                   | 119/240                      |
| 123 | A1            | 9             | 1543                   | 119/240                      |
| 124 | Bb1           | 9             | 1544                   | 119/240                      |
| 125 | B1            | 9             | 1548                   | 3+239/240                    |
| 126 | C2            | 9             | 1726                   | 119/240                      |
| 127 | C#2           | 9             | 1759                   | 47/48                        |
| 128 | D2            | 10            | 15+1/4                 | 1/4                          |
| 129 | Eb2           | 10            | 215+1/4                | 1/4                          |
| 130 | E2            | 10            | 359+1/2                | 1/2                          |
| 131 | F2            | 10            | 371+1/2                | 1/2                          |
| 132 | F#2           | 10            | 711                    | 1/4                          |
| 133 | G2            | 10            | 712                    | 1/2                          |
| 134 | G#2           | 10            | 1038+1/2               | 1+1/60                       |
| 135 | A2            | 10            | 1048+1/2               | 1/2                          |
| 136 | Bb2           | 10            | 1089+1/2               | 1                            |
| 137 | B2            | 10            | 1146+2/3               | 1/6                          |
| 138 | C3            | 10            | 1146+5/6               | 1/6                          |
| 139 | C#3           | 10            | 1271                   | 1/4                          |
| 140 | D3            | 10            | 1272+1/2               | 1/4                          |
| 141 | Eb3           | 11            | 21+1/4                 | 59/240                       |
| 142 | E3            | 11            | 49+1/4                 | 59/240                       |
| 143 | F3            | 11            | 49+1/2                 | 59/240                       |
| 144 | F#3           | 11            | 59                     | 239/240                      |
| 145 | G3            | 11            | 60                     | 239/240                      |
| 146 | G#3           | 11            | 106                    | 59/240                       |
| 147 | A3            | 11            | 106+1/4                | 59/240                       |
| 148 | Bb3           | 11            | 125                    | 239/240                      |
| 149 | B3            | 11            | 184+1/2                | 59/240                       |
| 150 | C4            | 11            | 202+1/2                | 113/240                      |
| 151 | C#4           | 11            | 214+3/4                | 59/240                       |
| 152 | D4            | 11            | 215+1/4                | 59/240                       |
| 153 | Eb4           | 11            | 265+1/4                | 59/240                       |
| 154 | E4            | 11            | 265+1/2                | 59/240                       |
| 155 | F4            | 11            | 268                    | 179/240                      |
| 156 | F#4           | 11            | 299                    | 59/240                       |
| 157 | G4            | 11            | 304                    | 1+119/240                    |
| 158 | G#4           | 11            | 354+3/4                | 59/240                       |
| 159 | A4            | 11            | 394+3/4                | 59/240                       |
| 160 | Bb4           | 11            | 405+3/4                | 59/240                       |
| 161 | B4            | 11            | 577                    | 239/240                      |
| 162 | C5            | 11            | 578                    | 239/240                      |
| 163 | C#5           | 11            | 709+1/4                | 59/240                       |
| 164 | D5            | 11            | 718+1/4                | 59/240                       |
| 165 | Eb5           | 11            | 721+3/4                | 59/240                       |
| 166 | E5            | 11            | 893                    | 59/240                       |
| 167 | F5            | 11            | 901+1/2                | 89/240                       |
| 168 | F#5           | 11            | 904                    | 119/240                      |
| 169 | G5            | 11            | 904+1/2                | 89/240                       |
| 170 | G#5           | 11            | 919                    | 29/240                       |
| 171 | A5            | 11            | 919+1/8                | 29/240                       |
| 172 | Bb5           | 11            | 919+1/4                | 29/240                       |
| 173 | B5            | 11            | 919+3/8                | 29/240                       |
| 174 | C6            | 11            | 919+1/2                | 29/240                       |
| 175 | C#6           | 11            | 919+5/8                | 29/240                       |
| 176 | D6            | 11            | 919+3/4                | 19/240                       |
| 177 | Eb6           | 11            | 919+5/6                | 19/240                       |
| 178 | E6            | 11            | 919+11/12              | 19/240                       |
| 179 | F6            | 11            | 920                    | 149/240                      |
| 180 | F#6           | 21            | 292                    | 151/480                      |
| 181 | G1            | 21            | 564                    | 239/240                      |
| 182 | G#1           | 21            | 652                    | 47/120                       |
| 183 | A1            | 21            | 1110+1/2               | 89/240                       |
| 184 | Bb1           | 21            | 1258                   | 239/240                      |
| 185 | B1            | 21            | 1365+1/2               | 59/240                       |
| 186 | C2            | 21            | 1448                   | 3+239/240                    |
| 187 | C#2           | 21            | 1750+1/2               | 59/240                       |
| 188 | D2            | 21            | 1777                   | 59/240                       |
| 189 | Eb2           | 21            | 1874                   | 31/48                        |
| 190 | E2            | 21            | 2019+1/2               | 89/240                       |
| 191 | F2            | 21            | 2084+1/2               | 77/240                       |
| 192 | F#2           | 21            | 2095+2/3               | 13/80                        |
| 193 | G2            | 21            | 2123                   | 53/160                       |
| 194 | G#2           | 21            | 2386                   | 239/240                      |
| 195 | A2            | 21            | 2390                   | 239/240                      |
| 196 | Bb2           | 21            | 2394                   | 239/240                      |
| 197 | B2            | 21            | 2465+1/2               | 119/240                      |
| 198 | C3            | 21            | 2478+1/2               | 119/240                      |
| 199 | C#3           | 22            | 117+1/3                | 17/80                        |
| 200 | D3            | 22            | 127                    | 17/80                        |

|     | Sonata Source |               |                        |                              |
|-----|---------------|---------------|------------------------|------------------------------|
|     | Target Pitch  | Sonata Number | Starting Beat of Pitch | Duration of pitch (in beats) |
| 201 | Eb3           | 22            | 131                    | 17/80                        |
| 202 | E3            | 22            | 209+3/4                | 59/240                       |
| 203 | F3            | 22            | 210                    | 1+119/240                    |
| 204 | F#3           | 22            | 657                    | 119/240                      |
| 205 | G3            | 22            | 663+3/4                | 59/240                       |
| 206 | G#3           | 22            | 681+1/2                | 119/240                      |
| 207 | A3            | 22            | 683                    | 119/240                      |
| 208 | Bb3           | 22            | 693+1/2                | 77/240                       |
| 209 | B3            | 22            | 711+3/4                | 59/240                       |
| 210 | C4            | 22            | 716                    | 1+1/96                       |
| 211 | C#4           | 22            | 766+1/2                | 119/240                      |
| 212 | D4            | 22            | 789+1/2                | 119/240                      |
| 213 | Eb4           | 22            | 795                    | 119/240                      |
| 214 | E4            | 22            | 839+1/4                | 59/240                       |
| 215 | F4            | 22            | 842                    | 1+1/96                       |
| 216 | F#4           | 22            | 866                    | 119/240                      |
| 217 | G4            | 23            | 66                     | 2+239/240                    |
| 218 | G#4           | 23            | 69                     | 2+239/240                    |
| 219 | A4            | 23            | 264                    | 59/240                       |
| 220 | Bb4           | 23            | 264+1/4                | 59/240                       |
| 221 | B4            | 23            | 264+1/2                | 59/240                       |
| 222 | C5            | 23            | 502+1/2                | 239/240                      |
| 223 | C#5           | 23            | 615                    | 2+239/240                    |
| 224 | D5            | 23            | 721+1/2                | 3+239/240                    |
| 225 | Eb5           | 23            | 854+1/2                | 119/240                      |
| 226 | E5            | 23            | 867+2/3                | 13/80                        |
| 227 | F5            | 23            | 878+1/2                | 119/240                      |
| 228 | F#5           | 23            | 1313+1/4               | 59/240                       |
| 229 | G5            | 23            | 1350+1/4               | 59/240                       |
| 230 | G#5           | 23            | 1377+1/4               | 59/240                       |
| 231 | A5            | 23            | 2003+1/2               | 59/240                       |
| 232 | Bb5           | 23            | 2015+1/4               | 59/240                       |
| 233 | B5            | 23            | 2050                   | 239/240                      |
| 234 | C6            | 23            | 2051                   | 239/240                      |
| 235 | C#6           | 23            | 2052                   | 239/240                      |
| 236 | D6            | 23            | 2298+3/4               | 47/240                       |
| 237 | Eb6           | 23            | 2299+3/4               | 47/240                       |
| 238 | E6            | 23            | 2552+1/2               | 119/240                      |
| 239 | F6            | 23            | 2683+3/4               | 59/240                       |
| 240 | F#6           | 23            | 2687                   | 59/240                       |
| 241 | G1            | 23            | 2745+3/4               | 59/240                       |
| 242 | G#1           | 23            | 2774                   | 59/240                       |
| 243 | A1            | 23            | 2774+1/4               | 59/240                       |
| 244 | Bb1           | 23            | 2896                   | 79/160                       |
| 245 | B1            | 23            | 3116                   | 1+239/240                    |
| 246 | C2            | 23            | 3118                   | 1+239/240                    |
| 247 | C#2           | 24            | 20                     | 4                            |
| 248 | D2            | 24            | 472                    | 1                            |
| 249 | Eb2           | 24            | 655+1/2                | 1/2                          |
| 250 | E2            | 24            | 739                    | 13/40                        |
| 251 | F2            | 24            | 739+1/2                | 13/40                        |
| 252 | F#2           | 24            | 740                    | 3/4                          |
| 253 | G2            | 25            | 30                     | 2                            |
| 254 | G#2           | 25            | 60                     | 1/2                          |
| 255 | A2            | 25            | 149                    | 2/5                          |
| 256 | Bb2           | 25            | 282                    | 3                            |
| 257 | B2            | 25            | 402                    | 1/2                          |
| 258 | C3            | 25            | 414                    | 1/2                          |
| 259 | C#3           | 25            | 885                    | 1/4                          |
| 260 | D3            | 25            | 886+1/2                | 3/4                          |
| 261 | Eb3           | 26            | 11                     | 239/240                      |
| 262 | E3            | 26            | 12                     | 85/96                        |
| 263 | F3            | 26            | 14                     | 209/240                      |
| 264 | F#3           | 26            | 15                     | 239/240                      |
| 265 | G3            | 26            | 16                     | 239/240                      |
| 266 | G#3           | 26            | 30                     | 1+239/240                    |
| 267 | A3            | 26            | 73                     | 119/240                      |
| 268 | Bb3           | 26            | 75                     | 119/240                      |
| 269 | B3            | 26            | 98                     | 239/240                      |
| 270 | C4            | 26            | 113                    | 63/80                        |
| 271 | C#4           | 26            | 201                    | 1+239/240                    |
| 272 | D4            | 26            | 203                    | 239/240                      |
| 273 | Eb4           | 26            | 220+1/2                | 119/240                      |
| 274 | E4            | 26            | 324                    | 239/240                      |
| 275 | F4            | 26            | 325                    | 239/240                      |
| 276 | F#4           | 26            | 417                    | 1+239/240                    |
| 277 | G4            | 26            | 429                    | 119/240                      |
| 278 | G#4           | 26            | 475+1/2                | 119/240                      |
| 279 | A4            | 26            | 501                    | 119/240                      |
| 280 | Bb4           | 26            | 556                    | 3+239/240                    |
| 281 | B4            | 26            | 581                    | 239/240                      |
| 282 | C5            | 26            | 612                    | 3+239/240                    |
| 283 | C#5           | 26            | 843+1/2                | 119/240                      |
| 284 | D5            | 26            | 909                    | 239/240                      |
| 285 | Eb5           | 26            | 972                    | 3+239/240                    |
| 286 | E5            | 26            | 1304+1/2               | 59/240                       |
| 287 | F5            | 26            | 1318+1/2               | 91/240                       |
| 288 | F#5           | 26            | 1338                   | 1+59/240                     |
| 289 | G5            | 26            | 1355                   | 59/240                       |
| 290 | G#5           | 26            | 1356+1/2               | 59/240                       |
| 291 | A5            | 26            | 1363                   | 119/240                      |
| 292 | Bb5           | 26            | 1367                   | 59/240                       |
| 293 | B5            | 26            | 1367+1/4               | 47/240                       |
| 294 | C6            | 26            | 1367+3/4               | 47/240                       |
| 295 | C#6           | 26            | 1543                   | 89/240                       |
| 296 | D6            | 26            | 1578                   | 59/240                       |
| 297 | Eb6           | 26            | 1580+1/6               | 13/80                        |
| 298 | E6            | 26            | 1936                   | 119/240                      |
| 299 | F6            | 26            | 1977+1/4               | 61/160                       |
| 300 | F#6           | 27            | 165                    | 119/240                      |

|     | Sonata Source |               |                        |                              |
|-----|---------------|---------------|------------------------|------------------------------|
|     | Target Pitch  | Sonata Number | Starting Beat of Pitch | Duration of pitch (in beats) |
| 301 | G1            | 27            | 306                    | 119/240                      |
| 302 | G#1           | 27            | 548                    | 119/240                      |
| 303 | A1            | 27            | 549                    | 119/240                      |
| 304 | Bb1           | 27            | 746                    | 239/240                      |
| 305 | B1            | 27            | 747                    | 2+239/240                    |
| 306 | C2            | 27            | 971+1/2                | 119/240                      |
| 307 | C#2           | 27            | 1037                   | 119/240                      |
| 308 | D2            | 28            | 190+1/2                | 1+119/240                    |
| 309 | Eb2           | 28            | 192                    | 1+119/240                    |
| 310 | E2            | 28            | 193+1/2                | 1+119/240                    |
| 311 | F2            | 28            | 319+3/4                | 1+119/240                    |
| 312 | F#2           | 28            | 346                    | 119/240                      |
| 313 | G2            | 28            | 347                    | 239/240                      |
| 314 | G#2           | 28            | 376+3/4                | 59/240                       |
| 315 | A2            | 28            | 381+3/4                | 59/240                       |
| 316 | Bb2           | 28            | 464                    | 239/240                      |
| 317 | B2            | 28            | 533+3/4                | 59/240                       |
| 318 | C3            | 28            | 534+3/4                | 59/240                       |
| 319 | C#3           | 28            | 853                    | 1+239/240                    |
| 320 | D3            | 28            | 887                    | 179/240                      |
| 321 | Eb3           | 28            | 1016+1/2               | 119/240                      |
| 322 | E3            | 28            | 1038+1/2               | 119/240                      |
| 323 | F3            | 28            | 1128+1/2               | 119/240                      |
| 324 | F#3           | 28            | 1145                   | 59/240                       |
| 325 | G3            | 28            | 1449+1/2               | 23/80                        |
| 326 | G#3           | 28            | 1482+3/4               | 59/240                       |
| 327 | A3            | 28            | 1486                   | 179/240                      |
| 328 | Bb3           | 28            | 1502+3/4               | 59/240                       |
| 329 | B3            | 28            | 1533+1/2               | 59/240                       |
| 330 | C4            | 28            | 1534                   | 59/240                       |
| 331 | C#4           | 28            | 1684+1/2               | 59/240                       |
| 332 | D4            | 28            | 1686+3/4               | 59/240                       |
| 333 | Eb4           | 29            | 51                     | 239/240                      |
| 334 | E4            | 29            | 271                    | 1+239/240                    |
| 335 | F4            | 29            | 295                    | 119/240                      |
| 336 | F#4           | 29            | 317+1/2                | 119/240                      |
| 337 | G4            | 29            | 318                    | 239/240                      |
| 338 | G#4           | 29            | 367                    | 239/240                      |
| 339 | A4            | 29            | 368                    | 1+239/240                    |
| 340 | Bb4           | 29            | 428+2/3                | 53/80                        |
| 341 | B4            | 29            | 430+2/3                | 53/80                        |
| 342 | C5            | 29            | 432+2/3                | 53/80                        |
| 343 | C#5           | 29            | 683                    | 119/240                      |
| 344 | D5            | 29            | 684                    | 119/240                      |
| 345 | Eb5           | 29            | 685                    | 119/240                      |
| 346 | E5            | 29            | 707                    | 119/240                      |
| 347 | F5            | 29            | 710                    | 1+239/240                    |
| 348 | F#5           | 29            | 783+1/2                | 119/240                      |
| 349 | G5            | 29            | 836                    | 1+239/240                    |
| 350 | G#5           | 29            | 918+1/2                | 119/240                      |
| 351 | A5            | 29            | 922+1/2                | 119/240                      |
| 352 | Bb5           | 29            | 933                    | 239/240                      |
| 353 | B5            | 29            | 985+1/2                | 119/240                      |
| 354 | C6            | 29            | 1133                   | 239/240                      |
| 355 | C#6           | 29            | 1313+1/2               | 119/240                      |
| 356 | D6            | 29            | 1318+1/2               | 119/240                      |
| 357 | Eb6           | 29            | 1320                   | 179/240                      |
| 358 | E6            | 29            | 1348                   | 119/240                      |
| 359 | F6            | 29            | 1348+1/2               | 119/240                      |
| 360 | F#6           | 29            | 1362                   | 1+239/240                    |
| 361 | G1            | 29            | 1725                   | 1+239/240                    |
| 362 | G#1           | 29            | 1825                   | 229/240                      |
| 363 | A1            | 29            | 1930+1/2               | 23/48                        |
| 364 | Bb1           | 29            | 1933+1/2               | 23/48                        |
| 365 | B1            | 29            | 2020                   | 239/240                      |
| 366 | C2            | 29            | 2021                   | 1+239/240                    |
| 367 | C#2           | 29            | 2153                   | 2+239/240                    |
| 368 | D2            | 29            | 2165                   | 1+239/240                    |
| 369 | Eb2           | 29            | 2498+3/4               | 59/240                       |
| 370 | E2            | 29            | 2544                   | 239/240                      |
| 371 | F2            | 29            | 2584                   | 239/240                      |
| 372 | F#2           | 29            | 2633                   | 1+239/240                    |
| 373 | G2            | 29            | 2792+1/2               | 119/240                      |
| 374 | G#2           | 29            | 2882                   | 119/240                      |
| 375 | A2            | 29            | 2914                   | 239/240                      |
| 376 | Bb2           | 29            | 3006                   | 119/240                      |
| 377 | B2            | 29            | 3011                   | 1+239/240                    |
| 378 | C3            | 29            | 3131                   | 239/240                      |
| 379 | C#3           | 29            | 3145                   | 239/240                      |
| 380 | D3            | 29            | 3183                   | 239/240                      |
| 381 | Eb3           | 29            | 3344+1/2               | 119/240                      |
| 382 | E3            | 29            | 3364+1/2               | 59/240                       |
| 383 | F3            | 29            | 3414                   | 119/240                      |
| 384 | F#3           | 29            | 3534+1/2               | 59/240                       |
| 385 | G3            | 29            | 3587                   | 119/240                      |
| 386 | G#3           | 29            | 3587+1/2               | 119/240                      |
| 387 | A3            | 29            | 3596                   | 119/240                      |
| 388 | Bb3           | 29            | 3596+1/2               | 119/240                      |
| 389 | B3            | 29            | 3633+1/2               | 59/240                       |
| 390 | C4            | 29            | 3637+3/4               | 59/240                       |
| 391 | C#4           | 29            | 3638                   | 59/240                       |
| 392 | D4            | 29            | 3646+1/4               | 59/240                       |
| 393 | Eb4           | 29            | 3647                   | 59/240                       |
| 394 | E4            | 29            | 3744                   | 239/240                      |
| 395 | F4            | 29            | 3755+1/2               | 119/240                      |
| 396 | F#4           | 29            | 3810+3/4               | 59/240                       |
| 397 | G4            | 29            | 3828+1/2               | 59/240                       |
| 398 | G#4           | 29            | 3849+1/2               | 59/240                       |
| 399 | A4            | 29            | 3859+1/4               | 59/240                       |
| 400 | Bb4           | 29            | 3877                   | 119/240                      |

|     | Sonata Source |               |                        |                              |
|-----|---------------|---------------|------------------------|------------------------------|
|     | Target Pitch  | Sonata Number | Starting Beat of Pitch | Duration of pitch (in beats) |
| 401 | B4            | 29            | 3878+1/6               | 13/80                        |
| 402 | C5            | 29            | 3949+1/2               | 59/240                       |
| 403 | C#5           | 29            | 3950+1/2               | 59/240                       |
| 404 | D5            | 29            | 3986+1/2               | 59/240                       |
| 405 | Eb5           | 29            | 4015+3/4               | 59/240                       |
| 406 | E5            | 29            | 4016+3/4               | 59/240                       |
| 407 | F5            | 29            | 4061+1/2               | 59/240                       |
| 408 | F#5           | 29            | 4102+1/2               | 119/240                      |
| 409 | G5            | 29            | 4105+1/2               | 119/240                      |
| 410 | G#5           | 29            | 4117+1/2               | 119/240                      |
| 411 | A5            | 29            | 4118                   | 119/240                      |
| 412 | Bb5           | 29            | 4230+1/6               | 13/80                        |
| 413 | B5            | 29            | 4384+1/2               | 119/240                      |
| 414 | C6            | 29            | 4385                   | 119/240                      |
| 415 | C#6           | 29            | 4547                   | 13/80                        |
| 416 | D6            | 29            | 4547+1/6               | 13/80                        |
| 417 | Eb6           | 29            | 4551+1/6               | 13/80                        |
| 418 | E6            | 29            | 4555                   | 13/80                        |
| 419 | F6            | 29            | 4555+1/6               | 13/80                        |
| 420 | F#6           | 29            | 4559                   | 13/80                        |
| 421 | G1            | 30            | 167                    | 2+59/240                     |
| 422 | G#1           | 30            | 176+1/2                | 119/240                      |
| 423 | A1            | 30            | 238                    | 239/240                      |
| 424 | Bb1           | 30            | 747                    | 2+239/240                    |
| 425 | B1            | 30            | 750                    | 2+239/240                    |
| 426 | C2            | 30            | 764+1/2                | 119/240                      |
| 427 | C#2           | 30            | 765+1/2                | 119/240                      |
| 428 | D2            | 30            | 799+1/2                | 1+119/240                    |
| 429 | Eb2           | 30            | 908                    | 239/240                      |
| 430 | E2            | 30            | 909                    | 239/240                      |
| 431 | F2            | 30            | 1302                   | 239/240                      |
| 432 | F#2           | 30            | 1304                   | 239/240                      |
| 433 | G2            | 30            | 1381                   | 119/240                      |
| 434 | G#2           | 30            | 1383                   | 119/240                      |
| 435 | A2            | 30            | 1390+1/2               | 119/240                      |
| 436 | Bb2           | 30            | 1449+1/3               | 79/240                       |
| 437 | B2            | 30            | 1450+1/3               | 79/240                       |
| 438 | C3            | 30            | 1456+2/3               | 79/240                       |
| 439 | C#3           | 30            | 1461+3/8               | 49/240                       |
| 440 | D3            | 31            | 54                     | 29/240                       |
| 441 | Eb3           | 31            | 59                     | 119/240                      |
| 442 | E3            | 31            | 129+3/4                | 59/240                       |
| 443 | F3            | 31            | 132+1/2                | 59/240                       |
| 444 | F#3           | 31            | 148                    | 59/240                       |
| 445 | G3            | 31            | 174+1/8                | 29/240                       |
| 446 | G#3           | 31            | 177+1/8                | 29/240                       |
| 447 | A3            | 31            | 217+3/4                | 29/240                       |
| 448 | Bb3           | 31            | 239+1/2                | 59/240                       |
| 449 | B3            | 31            | 249+1/4                | 59/240                       |

# A Beethoven Mesostic

David Pocknee  
Miami, 2015-09-29  
rev. 2015-11-25  
rev. 2016-05-27  
rev. 2017-09-12

♩=100

Musical score for measures 1-3. The piece begins in 3/4 time, then changes to 4/4. The left hand features a complex rhythmic pattern with triplets and sixteenth notes. Dynamics include *sfz*, *p*, *mf*, and *f*. The right hand has a melodic line with slurs and accents.

Musical score for measures 4-7. The time signature changes to 2/4. The left hand continues with rhythmic patterns, including a triplet. Dynamics include *f* and *p*. The right hand has a melodic line with slurs.

Musical score for measures 8-12. The time signature changes to 5/4. The left hand features a triplet and a *ff* dynamic. The right hand has a melodic line with slurs and a triplet. Dynamics include *ff* and *f*.

Musical score for measures 10-12. The time signature changes to 3/4. The left hand features a triplet and a *ff* dynamic. The right hand has a melodic line with slurs and a triplet. Dynamics include *ff*, *p*, and *mf*.

Musical score for measures 13-16. The time signature changes to 2/4. The left hand features a triplet and a *p* dynamic. The right hand has a melodic line with slurs and a triplet. Dynamics include *p*, *f*, and *f*.

Musical score for measures 16-17. Measure 16 is in 2/4 + 7/32 time, marked *ff*. Measure 17 is in 4/4 time, marked *p*. Both measures feature complex chordal textures with triplets and slurs.

Musical score for measures 18-19. Measure 18 is in 4/4 + 3/16 time, marked *mf*. Measure 19 is in 2/4 + 3/16 time, marked *mf*. The score includes triplets and slurs.

Musical score for measures 20-21. Measure 20 is in 2/4 + 3/16 time, marked *f*. Measure 21 is in 3/4 + 7/32 time, marked *p*. The score includes slurs and dynamic markings.

Musical score for measures 22-23. Measure 22 is in 7/8 time, marked *p*. Measure 23 is in 4/4 + 7/32 time, marked *fff*. The score includes a sextuplet and triplets.

Musical score for measures 24-25. Measure 24 is in 4/4 + 7/32 time. Measure 25 is in 2/4 + 3/32 time, marked *p*. The score includes slurs and dynamic markings.

Musical score for measures 26-27. Measure 26 is in 4/4 time, marked *f*. Measure 27 is in 4/4 + 3/16 time, marked *mf*. The score includes triplets and slurs.

29

Musical score for measures 29-31. Treble and bass staves. Measure 29: Treble clef, 4/4 + 3/16, bass clef, 4/4 + 3/16. Measure 30: Treble clef, 3/4, bass clef, 3/4. Measure 31: Treble clef, 5/4, bass clef, 5/4. Includes triplets and slurs.

32

Musical score for measures 32-34. Treble and bass staves. Measure 32: Treble clef, 3/4, bass clef, 3/4. Measure 33: Treble clef, 4/4, bass clef, 4/4. Measure 34: Treble clef, 9/32, bass clef, 9/32. Includes triplets and slurs.

35

Musical score for measures 35-37. Treble and bass staves. Measure 35: Treble clef, 9/32, bass clef, 9/32. Measure 36: Treble clef, 4/4, bass clef, 4/4. Measure 37: Treble clef, 7/8, bass clef, 7/8. Includes dynamics *ff*, *mf*, and *sost.*

38

Musical score for measures 38-39. Treble and bass staves. Measure 38: Treble clef, 2/4 + 3/16, bass clef, 2/4 + 3/16. Measure 39: Treble clef, 4/4 + 5/32, bass clef, 4/4 + 5/32. Includes dynamics *p* and triplets.

40

Musical score for measures 40-41. Treble and bass staves. Measure 40: Treble clef, 4/4 + 5/32, bass clef, 4/4 + 5/32. Measure 41: Treble clef, 3/4, bass clef, 3/4. Includes dynamics *f* and *sost.*

42

Musical score for measures 42-44. Treble and bass staves. Measure 42: Treble clef, 3/8, bass clef, 3/8. Measure 43: Treble clef, 3/4, bass clef, 3/4. Measure 44: Treble clef, 4/4 + 3/16, bass clef, 4/4 + 3/16. Includes dynamics *pp* and *mf*.

45

*pp*

48

*ff*

51

*p*

54

*mf*

56

*f*

*p*

59

*p*

62

Musical score for measures 62-63. The system consists of two staves. Measure 62 is in 5/8 time with a key signature of one flat. Measure 63 is in 9/32 time with a key signature of one sharp. The system concludes with a 2+7/4 32 time signature.

64

Musical score for measures 64-66. The system consists of two staves. Measure 64 is in 2+7/4 32 time. Measure 65 is in 3/4 time. Measure 66 is in 7/8 time. Dynamics include *ff* and *mf*. A triplet of eighth notes is marked with a '3' above it.

67

Musical score for measures 67-69. The system consists of two staves. Measure 67 is in 3/4 time. Measure 68 is in 3/4 time. Measure 69 is in 3+3/4 16 time. Dynamics include *f*. A triplet of eighth notes is marked with a '3' above it.

70

Musical score for measures 70-73. The system consists of two staves. Measure 70 is in 3+3/4 16 time. Measure 71 is in 3/4 time. Measure 72 is in 5/16 time. Measure 73 is in 3/4 time. Dynamics include *pp*. A triplet of eighth notes is marked with a '3' above it.

74

Musical score for measures 74-77. The system consists of two staves. Measure 74 is in 4/4 time. Measure 75 is in 2/4 time. Measure 76 is in 1+7/4 32 time. Measure 77 is in 9/8 time. Dynamics include *p* and *mf*. A triplet of eighth notes is marked with a '3' above it.

78

Musical score for measures 78-79. The system consists of two staves. Measure 78 is in 5+3/4 16 time. Measure 79 is in 4/4 time. Dynamics include *ff* and *f*.

80

mf

mf

Ped.

5+1  
4 16

9

Detailed description: This system contains measures 80, 81, and 82. Measure 80 starts in 4/4 time with a mezzo-forte (mf) dynamic. The right hand has a melodic line with a slur over measures 80-81, and the left hand has a rhythmic accompaniment. Measure 81 changes to 3/4 time. Measure 82 changes to 5/4 time with a 16-measure rest indicated above the staff. A piano (mf) dynamic is marked in the bass staff, and a pedal (Ped.) marking is present. The system ends with a double bar line and the number 9.

83

f

f

3

Detailed description: This system contains measures 83 and 84. Measure 83 is in 9/8 time. Measure 84 changes to 4/4 time. Both hands play with a forte (f) dynamic. A triplet of eighth notes is marked in the right hand in measure 84. The system ends with a double bar line.

85

4+1  
4 16

1+5  
4 32

Detailed description: This system contains measures 85 and 86. Measure 85 is in 4/4 time. Measure 86 changes to 1/4 time with a 32-measure rest indicated above the staff. The system ends with a double bar line and the number 5.

87

1+5  
4 32

2+7  
4 32

3

3

Detailed description: This system contains measures 87, 88, and 89. Measure 87 is in 1/4 time with a 32-measure rest. Measure 88 changes to 5/8 time. Measure 89 changes to 2/4 time. Triplet markings (3) are present in both hands in measure 89. The system ends with a double bar line.

90

fff

fff

2+3  
4 16

2

3

Detailed description: This system contains measures 90, 91, and 92. Measure 90 is in 5/4 time with a fortissimo (fff) dynamic. Measure 91 changes to 2/4 time. Measure 92 changes to 3/4 time. The system ends with a double bar line.

93

f

mf

f

3

16

7

Detailed description: This system contains measures 93, 94, and 95. Measure 93 is in 3/4 time with a forte (f) dynamic. Measure 94 changes to 2/4 time. Measure 95 changes to 3/16 time with a 16-measure rest indicated above the staff. Dynamics of mezzo-forte (mf) and forte (f) are marked. The system ends with a double bar line and the number 7.

96

Musical score for measures 96-98. The piece is in 7/8 time, with a key signature of one sharp (F#). Measure 96 features a *ff* dynamic. Measure 97 has a *mf* dynamic and includes a triplet of eighth notes. Measure 98 has a *mf* dynamic. The time signature changes to 4+5/32 in measure 97 and back to 5+1/16 in measure 98.

99

Musical score for measures 99-100. Measure 99 has a *mf* dynamic and includes a triplet of eighth notes. Measure 100 has a *mf* dynamic. The time signature changes to 4+5/16 in measure 99 and back to 4+5/32 in measure 100.

101

Musical score for measures 101-102. Measure 101 has a *p* dynamic and includes a triplet of eighth notes. Measure 102 has a *ff* dynamic and includes a triplet of eighth notes. The time signature changes to 4+5/32 in measure 101 and back to 4+5/16 in measure 102.