

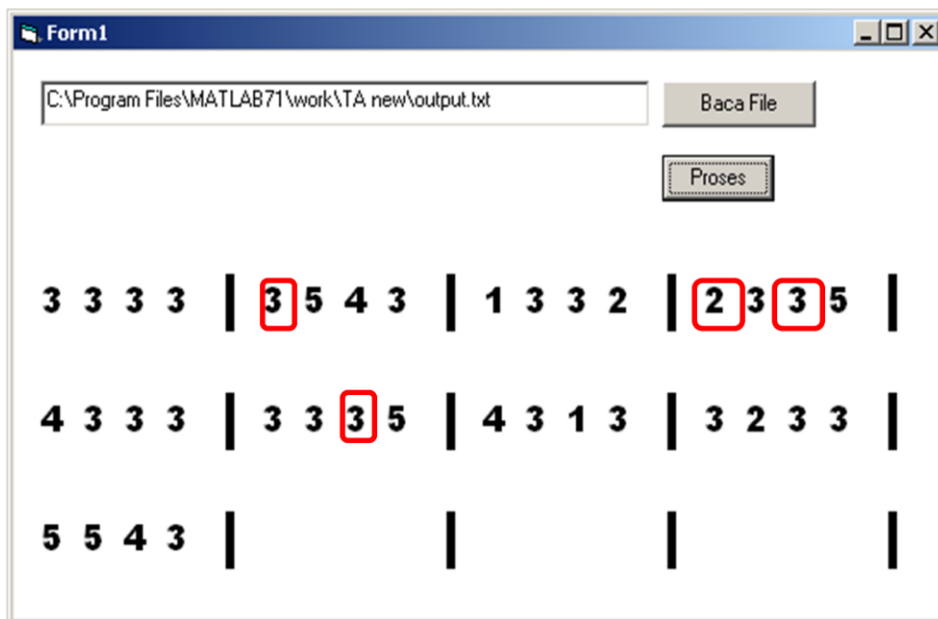
## **LAMPIRAN A**

**Data Percobaan Konversi File Musik WAV ke Not Angka**

# Gloria

3 3 3 3 5 | 5 . 4 3 1 | 3 3 2 3 3 5 | 5 . 4 3 . |  
3 3 3 3 5 | 5 . 4 3 1 | 3 3 2 3 3 5 | 5 . 4 3 . |

Data Asli



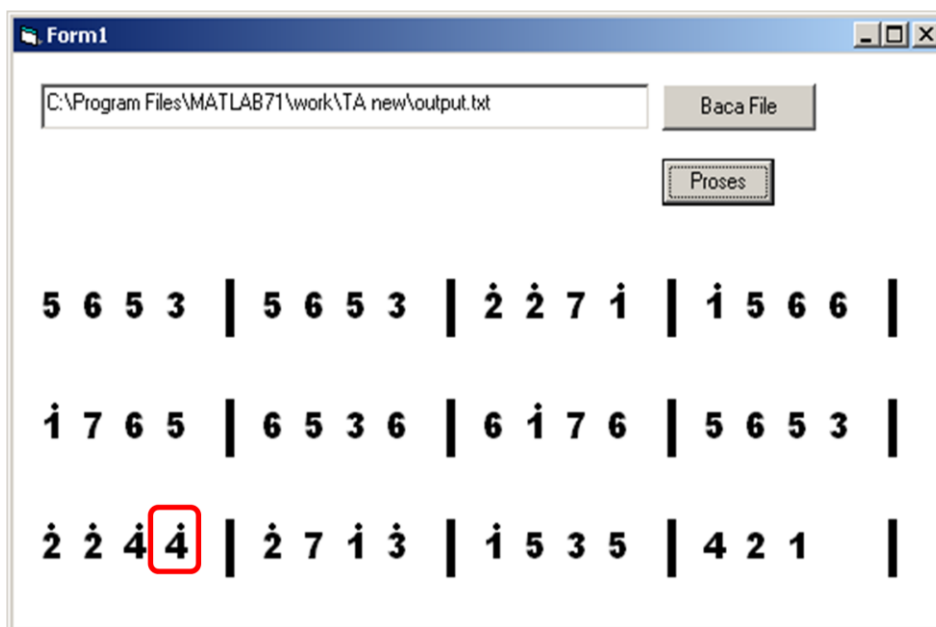
Hasil Percobaan

**Persentase Keberhasilan Penerjemahan = 88,9%**

## Malam Kudus

$5 \dots \overline{65} | 3 \dots | 5 \dots \overline{65} | 3 \dots |$   
 $\dot{2} \dots \dot{2} | 7 \dots | \dot{1} \dots \dot{1} | 5 \dots |$   
 $6 \dots 6 | \dot{1} \dots \overline{76} | 5 \dots \overline{65} | 3 \dots |$   
 $6 \dots 6 | \dot{1} \dots \overline{76} | 5 \dots \overline{65} | 3 \dots |$   
 $\dot{2} \dots \dot{2} | \dot{4} \dots \overline{27} | \dot{1} \dots | \dot{3} \dots |$   
 $\dot{1} \dots \overline{53} | 5 \dots \overline{42} | 1 \dots |$

Data Asli



Hasil Percobaan

**Persentase Keberhasilan Penerjemahan = 97,9%**

## Melangkah di Atas Awan

.5 i 3 | 3 . 4 . 2 . | .. 7 i 2 | 5 ... |  
.5 i 3 | 5 5 6 . 4 . 3 | 2 . 7 i 2 | 4 4 . 4 5 3 2 |  
i ... i 7 | 6 7 i .. 6 | i 2 .. i . 7 | i ... |

Data Asli

The screenshot shows a MATLAB GUI window titled "Form1". At the top, there is a text box containing the file path "C:\Program Files\MATLAB71\work\TA new\output.txt". To the right of the text box are two buttons: "Baca File" and "Proses". Below the buttons, the original data is displayed in a grid format, separated by vertical bars. The data is as follows:

5	i	3	3		4	2	7	i		2	5	5	i		3	5	5	6	
4	3	2	7		i	2	4	4		4	4	3	2		i	i	7	6	
7	i	6	i		2	i	7	i											

In the second row, the second "4" is highlighted with a red box.

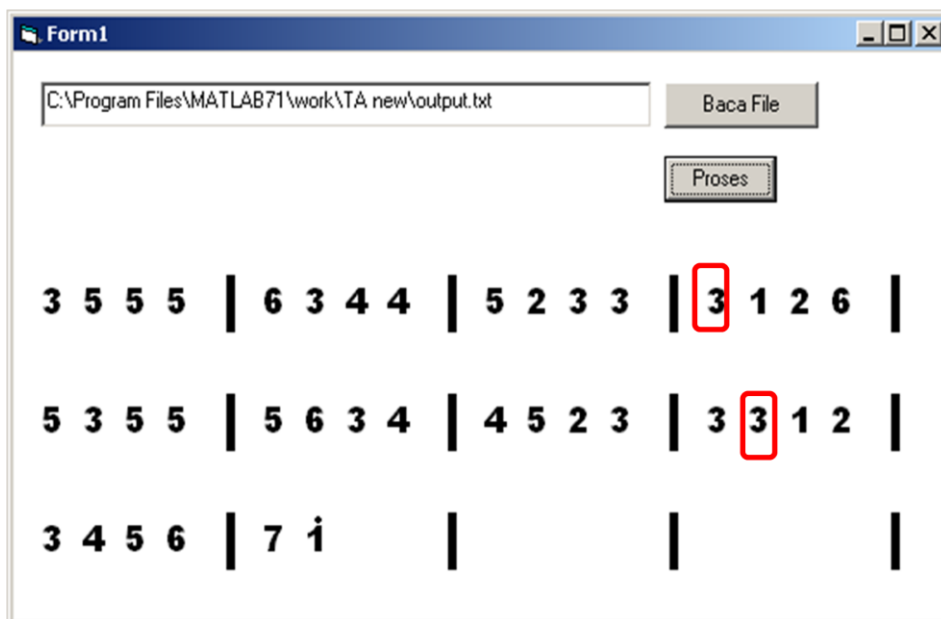
Hasil Percobaan

**Persentase Keberhasilan Penerjemahan = 97,5%**

# Memory

...3.5 | 5.56 .3 | 4.4523 | ..3412 |  
.65.3.5 | 5.56.3 | 4.4523 | ..3412 |  
.34567 | i... |

Data Asli



Hasil Percobaan

**Persentase Keberhasilan Penerjemahan = 94,7%**

## Moon River

5..|2̇i̇.|7.654|5.1|  
7.654|5.1|2..|..3|  
1..|3.5|i̇..|2̇.i̇|  
5..|.7654|5..|.17654|  
5..|1..|4.2|..3|1..|

Data Asli

Form1

C:\Program Files\MATLAB71\work\TA new\output.txt

Baca File

Proses

5 2̇ i̇ 7 | 6 5 4 5 | 1 7 6 5 | 4 5 1 2 |  
3 1 3 5 | i̇ 2̇ i̇ 5 | 7 6 5 4 | 5 1 7 6 |  
5 4 5 1 | 4 2 3 1 | | |

Hasil Percobaan

**Persentase Keberhasilan Penerjemahan = 100%**

## Sail Over Seven Seas

3 3 3 3 3 . 3 4 3 | 3 2 2 3 2 .. | 1 1 1 1 2 1 3 | .... |  
3 3 3 3 3 . 3 4 3 | 3 2 2 3 2 .. | 1 1 1 1 2 2 1 |

Data Asli

The screenshot shows a MATLAB GUI window titled 'Form1'. It has a file path input field containing 'C:\Program Files\MATLAB71\work\TA new\output.txt', a 'Baca File' button, and a 'Proses' button. Below the buttons is a grid of numbers arranged in three rows and four columns, separated by vertical bars. Some numbers are circled in red:

3	3	3	3		3	3	4	3		3	2	2	2		2	1	7	1	
7	1	1	1		2	1	3	3		3	3	3	3		3	4	3	3	
2	2	2	2		2	1	1	1		1	1	1	1		2	2	1		

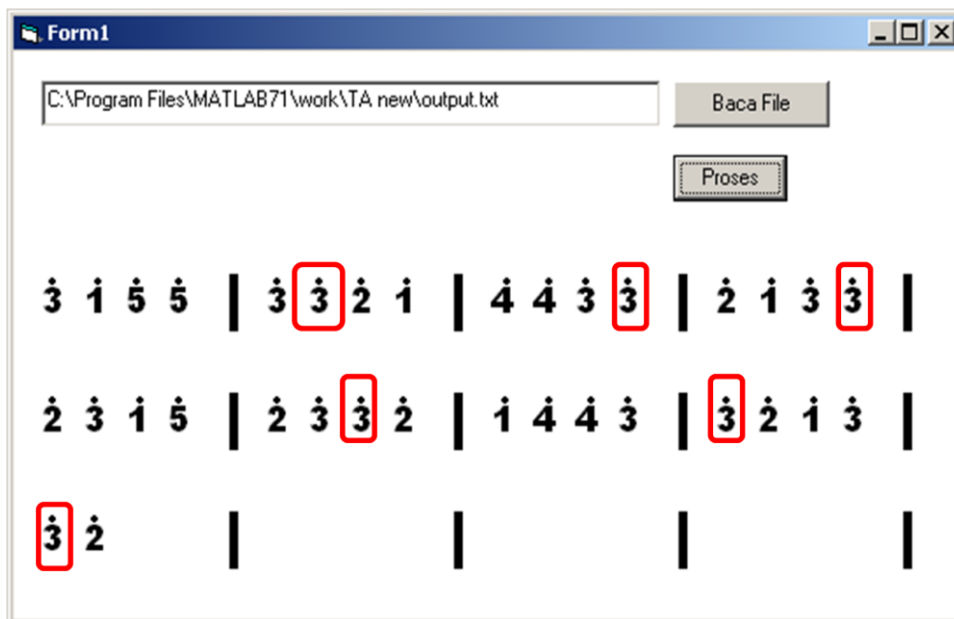
Hasil Percobaan

Persentase Keberhasilan Penerjemahan = 80,8%

# Tears In Heaven

. 3̇ 1̇ 5̇ 5̇ 3̇ | . 2̇ 1̇ ... | . 4̇ 4̇ 3̇ 2̇ 1̇ 3̇ | . 2̇ ... |  
. 3̇ 1̇ 5̇ 2̇ 3̇ | . 2̇ 1̇ ... | . 4̇ 4̇ 3̇ 2̇ 1̇ 3̇ | . 2̇ ... |

Data Asli



Hasil Percobaan

Persentase Keberhasilan Penerjemahan = 82,4%



## The Way We Were

6.55. | .561765 | 3... | .235353 |  
7.176. | .232.1 | 3... |

Data Asli

Form1

C:\Program Files\MATLAB71\work\TA new\output.txt

Baca File

Proses

6 5 5 5 | 6 1 7 6 | 5 3 2 2 | 5 3 5 3 |  
7 1 7 6 | 2 2 2 1 | 3 |

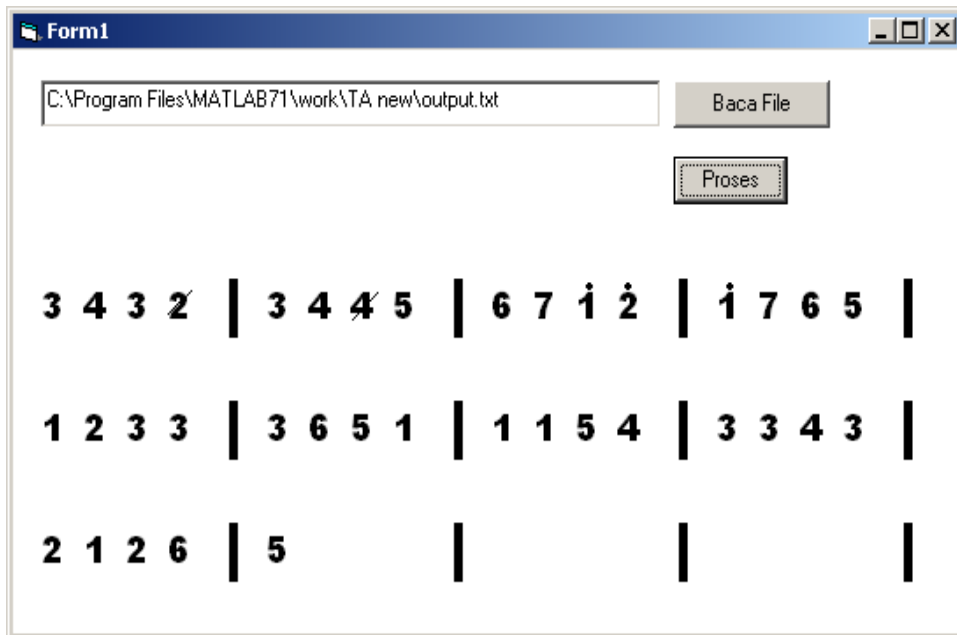
Hasil Percobaan

**Persentase Keberhasilan Penerjemahan = 92%**

## White Christmas

3...|4323|4...|45...|  
 .67i|2i765|5...|..12|  
 3..3|36.5|1..1|15.4|  
 3..3|43212|2..65|5...|

Data Asli



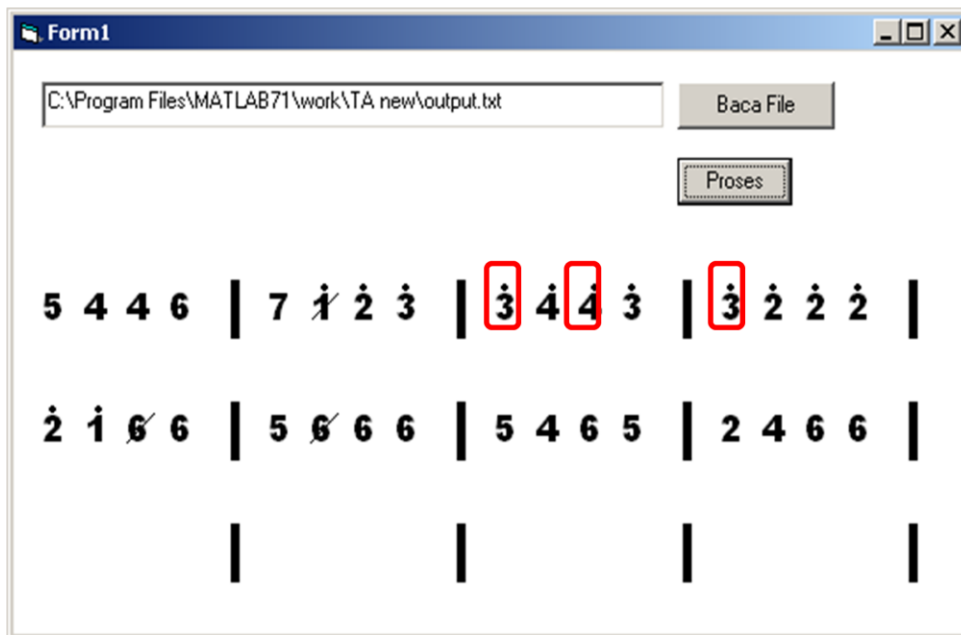
Hasil Percobaan

**Persentase Keberhasilan Penerjemahan = 100%**

# Yesterday

5 4 4 .. | . 6 7 1 2 3 4 | 3 . 2 2 . | . 2 2 1 6 6 5 |  
6 6 6 . 5 | 4 6 5 . 2 | 4 6 6 .. |

Data Asli



Hasil Percobaan

**Persentase Keberhasilan Penerjemahan = 90,6%**

**LAMPIRAN B**  
**Tabel Frekuensi Not**

Note	Frekuensi (Hz)	Panjang Gelombang (cm)
C <sub>0</sub>	16,35	2100
C <sup>#</sup> <sub>0</sub> / D <sup>b</sup> <sub>0</sub>	17,32	1990
D <sub>0</sub>	18,35	1870
D <sup>#</sup> <sub>0</sub> / E <sup>b</sup> <sub>0</sub>	19,45	1770
E <sub>0</sub>	20,60	1670
F <sub>0</sub>	21,83	1580
F <sup>#</sup> <sub>0</sub> / G <sup>b</sup> <sub>0</sub>	23,12	1490
G <sub>0</sub>	24,50	1400
G <sup>#</sup> <sub>0</sub> / A <sup>b</sup> <sub>0</sub>	25,96	1320
A <sub>0</sub>	27,50	1250
A <sup>#</sup> <sub>0</sub> / B <sup>b</sup> <sub>0</sub>	29,14	1180
B <sub>0</sub>	30,87	1110
C <sub>1</sub>	32,70	1050
C <sup>#</sup> <sub>1</sub> / D <sup>b</sup> <sub>1</sub>	34,65	996
D <sub>1</sub>	36,71	940
D <sup>#</sup> <sub>1</sub> / E <sup>b</sup> <sub>1</sub>	38,89	887
E <sub>1</sub>	41,20	837
F <sub>1</sub>	43,65	790
F <sup>#</sup> <sub>1</sub> / G <sup>b</sup> <sub>1</sub>	46,25	746
G <sub>1</sub>	49,00	704
G <sup>#</sup> <sub>1</sub> / A <sup>b</sup> <sub>1</sub>	51,91	665
A <sub>1</sub>	55,00	627
A <sup>#</sup> <sub>1</sub> / B <sup>b</sup> <sub>1</sub>	58,27	592
B <sub>1</sub>	61,74	559
C <sub>2</sub>	65,41	527
C <sup>#</sup> <sub>2</sub> / D <sup>b</sup> <sub>2</sub>	69,30	498
D <sub>2</sub>	73,42	470
D <sup>#</sup> <sub>2</sub> / E <sup>b</sup> <sub>2</sub>	77,78	444

E <sub>2</sub>	82,41	419
F <sub>2</sub>	87,31	395
F <sup>#</sup> <sub>2</sub> / G <sup>b</sup> <sub>2</sub>	92,50	373
G <sub>2</sub>	98,00	352
G <sup>#</sup> <sub>2</sub> / A <sup>b</sup> <sub>2</sub>	103,83	332
A <sub>2</sub>	110,00	314
A <sup>#</sup> <sub>2</sub> / B <sup>b</sup> <sub>2</sub>	116,54	296
B <sub>2</sub>	123,47	279
C <sub>3</sub>	130,81	264
C <sup>#</sup> <sub>3</sub> / D <sup>b</sup> <sub>3</sub>	138,59	249
D <sub>3</sub>	146,83	235
D <sup>#</sup> <sub>3</sub> / E <sup>b</sup> <sub>3</sub>	155,56	222
E <sub>3</sub>	164,81	209
F <sub>3</sub>	174,61	198
F <sup>#</sup> <sub>3</sub> / G <sup>b</sup> <sub>3</sub>	185,00	186
G <sub>3</sub>	196,00	176
G <sup>#</sup> <sub>3</sub> / A <sup>b</sup> <sub>3</sub>	207,65	166
A <sub>3</sub>	220,00	157
A <sup>#</sup> <sub>3</sub> / B <sup>b</sup> <sub>3</sub>	233,08	148
B <sub>3</sub>	246,94	140
<b>C<sub>4</sub></b>	<b>261,63</b>	<b>132</b>
<b>C<sup>#</sup><sub>4</sub> / D<sup>b</sup><sub>4</sub></b>	<b>277,18</b>	<b>124</b>
<b>D<sub>4</sub></b>	<b>293,66</b>	<b>117</b>
<b>D<sup>#</sup><sub>4</sub> / E<sup>b</sup><sub>4</sub></b>	<b>311,13</b>	<b>111</b>
<b>E<sub>4</sub></b>	<b>329,63</b>	<b>105</b>
<b>F<sub>4</sub></b>	<b>349,23</b>	<b>98,8</b>
<b>F<sup>#</sup><sub>4</sub> / G<sup>b</sup><sub>4</sub></b>	<b>369,99</b>	<b>93,2</b>
<b>G<sub>4</sub></b>	<b>392,00</b>	<b>88,0</b>

<b>G<sup>#</sup><sub>4</sub> / A<sup>b</sup><sub>4</sub></b>	<b>415,30</b>	<b>83,1</b>
<b>A<sub>4</sub></b>	<b>440,00</b>	<b>78,4</b>
<b>A<sup>#</sup><sub>4</sub> / B<sup>b</sup><sub>4</sub></b>	<b>466,16</b>	<b>74,0</b>
<b>B<sub>4</sub></b>	<b>493,88</b>	<b>69,9</b>
<b>C<sub>5</sub></b>	<b>523,25</b>	<b>65,9</b>
<b>C<sup>#</sup><sub>5</sub> / D<sup>b</sup><sub>5</sub></b>	<b>554,37</b>	<b>62,2</b>
<b>D<sub>5</sub></b>	<b>587,33</b>	<b>58,7</b>
<b>D<sup>#</sup><sub>5</sub> / E<sup>b</sup><sub>5</sub></b>	<b>622,25</b>	<b>55,4</b>
<b>E<sub>5</sub></b>	<b>659,26</b>	<b>52,3</b>
<b>F<sub>5</sub></b>	<b>698,46</b>	<b>49,4</b>
<b>F<sup>#</sup><sub>5</sub> / G<sup>b</sup><sub>5</sub></b>	<b>739,99</b>	<b>46,6</b>
<b>G<sub>5</sub></b>	<b>783,99</b>	<b>44,0</b>
<b>G<sup>#</sup><sub>5</sub> / A<sup>b</sup><sub>5</sub></b>	<b>830,61</b>	<b>41,5</b>
<b>A<sub>5</sub></b>	<b>880,00</b>	<b>39,2</b>
<b>A<sup>#</sup><sub>5</sub> / B<sup>b</sup><sub>5</sub></b>	<b>932,33</b>	<b>37,0</b>
<b>B<sub>5</sub></b>	<b>987,77</b>	<b>34,9</b>
<b>C<sub>6</sub></b>	1046,50	33,0
<b>C<sup>#</sup><sub>6</sub> / D<sup>b</sup><sub>6</sub></b>	1108,73	31,1
<b>D<sub>6</sub></b>	1174,66	29,4
<b>D<sup>#</sup><sub>6</sub> / E<sup>b</sup><sub>6</sub></b>	1244,51	27,7
<b>E<sub>6</sub></b>	1318,51	26,2
<b>F<sub>6</sub></b>	1396,91	24,7
<b>F<sup>#</sup><sub>6</sub> / G<sup>b</sup><sub>6</sub></b>	1479,98	23,3
<b>G<sub>6</sub></b>	1567,98	22,0
<b>G<sup>#</sup><sub>6</sub> / A<sup>b</sup><sub>6</sub></b>	1661,22	20,8
<b>A<sub>6</sub></b>	1760,00	19,6
<b>A<sup>#</sup><sub>6</sub> / B<sup>b</sup><sub>6</sub></b>	1864,66	18,5

B <sub>6</sub>	1975,53	17,5
C <sub>7</sub>	2093,00	16,5
C <sup>#</sup> <sub>7</sub> / D <sup>b</sup> <sub>7</sub>	2217,46	15,6
D <sub>7</sub>	2349,32	14,7
D <sup>#</sup> <sub>7</sub> / E <sup>b</sup> <sub>7</sub>	2489,02	13,9
E <sub>7</sub>	2637,02	13,1
F <sub>7</sub>	2793,83	12,3
F <sup>#</sup> <sub>7</sub> / G <sup>b</sup> <sub>7</sub>	2959,96	11,7
G <sub>7</sub>	3135,96	11,0
G <sup>#</sup> <sub>7</sub> / A <sup>b</sup> <sub>7</sub>	3322,44	10,4
A <sub>7</sub>	3520,00	9,8
A <sup>#</sup> <sub>7</sub> / B <sup>b</sup> <sub>7</sub>	3729,31	9,3
B <sub>7</sub>	3951,07	8,7
C <sub>8</sub>	4186,01	8,2
C <sup>#</sup> <sub>8</sub> / D <sup>b</sup> <sub>8</sub>	4434,92	7,8
D <sub>8</sub>	4698,64	7,3
D <sup>#</sup> <sub>8</sub> / E <sup>b</sup> <sub>8</sub>	4978,03	6,9