

# Musical Dice Game - Double Counterpoints I

based on

*Einfall, einen doppelten Contrapunct in der Octave von sechs Tacten zu machen, ohne die Regeln davon zu wissen (1758)*

*by Carl Philipp Emanuel Bach*

*compiled by I. T. Author*

einen doppelten Contrapunct.

1. Contrap.	1	2	3	4	5	6
2.	—	2	3	4	5	6
3.	—	3	4	5	6	7
4.	—	4	5	6	7	8
5.	—	5	6	7	8	9
6.	—	6	7	8	9	1
7.	—	7	8	9	1	2
8.	—	8	9	1	2	3
9.	—	9	1	2	3	4

Der aus den Zahlen:  $\left\{ \begin{array}{l} 3 \ 1 \ 5 \ 2 \ 7 \ 9 \\ 8 \ 4 \ 6 \ 1 \ 2 \ 3 \end{array} \right.$   
entstehende doppelte Contrapunct  
in der Octave.



Augen.	1.	2.	3.	4.	5.	6.	7.	8.	9.
1. Wurf oder Tab.	1	2	3	4	5	6	7	8	9
2.	—	10	11	12	13	14	15	16	17
3.	—	19	10	21	22	23	24	25	26
4.	—	28	29	30	31	32	33	34	35
5.	—	37	38	39	40	41	42	43	44
6.	—	46	47	48	49	50	51	52	53
2.	—	10	11	12	13	14	15	16	17
3.	—	19	10	21	22	23	24	25	26
4.	—	28	29	30	31	32	33	34	35
5.	—	37	38	39	40	41	42	43	44
6.	—	46	47	48	49	50	51	52	53

---

# Musical Dice Game - Double Counterpoints I

*based on*

*Einfall, einen doppelten Contrapunct in der Octave von sechs Tacten zu machen, ohne  
die Regeln davon zu wissen (1758)*

*by Carl Philipp Emanuel Bach*

---

*Author:*

I. T. AUTHOR

*Supervisor:*

Dr. Communio SANCTORUM

WONDERS OF THE MUSICAL WORLD SERIES 2



Libre Edition Press  
July 12, 2024

# Contents

<b>1</b>	<b>Introduction</b>	<b>5</b>
<b>2</b>	<b><i>Einfall</i></b>	<b>5</b>
2.1	Rules . . . . .	5
2.2	Table of Measures . . . . .	6
	<i>Einfall</i> Table of G-Clef Measures . . . . .	6
	<i>Einfall</i> Table of F-Clef Measures . . . . .	7
<b>3</b>	<b>Related Links</b>	<b>8</b>
<b>4</b>	<b>Acknowledgments</b>	<b>8</b>
<b>5</b>	<b>Selected Waltzes</b>	<b>9</b>
	1w1-1w7-3w6-1w3-7w5-5w3 . . . . .	9
	1w1-6w9-4w2-7w3-9w5-7w2 . . . . .	9
	1w2-1w9-9w7-9w8-4w7-4w7 . . . . .	9
	1w2-3w6-4w8-7w3-8w8-9w9 . . . . .	9
	1w2-6w1-7w7-7w4-2w8-7w7 . . . . .	9
	1w2-6w2-4w8-2w2-1w5-9w8 . . . . .	9
	1w3-8w4-3w7-8w9-6w4-9w2 . . . . .	10
	1w4-2w2-6w9-5w9-2w1-7w2 . . . . .	10
	1w4-3w5-4w3-2w6-7w1-6w1 . . . . .	10
	1w4-4w4-8w7-6w6-8w8-6w1 . . . . .	10
	1w4-9w7-4w3-1w3-2w6-4w5 . . . . .	10
	1w5-7w2-9w7-5w8-4w4-9w5 . . . . .	11
	1w7-4w2-8w8-6w1-9w6-9w5 . . . . .	11
	1w8-1w8-2w7-6w1-6w7-1w6 . . . . .	11
	1w8-2w9-4w1-5w2-5w3-3w4 . . . . .	11
	1w8-7w7-2w5-5w9-3w4-1w5 . . . . .	11
	2w1-1w2-5w2-4w6-4w6-5w6 . . . . .	12
	2w1-2w7-5w5-5w4-8w1-2w2 . . . . .	12
	2w1-6w9-7w2-6w7-1w9-3w3 . . . . .	12
	2w2-1w2-2w6-4w8-4w1-3w1 . . . . .	12
	2w3-1w7-5w7-6w1-3w1-8w8 . . . . .	12
	2w3-5w6-6w2-6w8-9w4-4w9 . . . . .	13
	2w3-5w9-3w4-4w1-7w6-5w3 . . . . .	13
	2w3-7w6-3w4-9w2-4w3-6w4 . . . . .	13
	2w3-9w4-9w1-9w1-8w1-8w6 . . . . .	13
	2w4-5w9-2w5-6w5-7w7-1w7 . . . . .	13
	2w5-5w5-7w4-1w2-8w8-8w8 . . . . .	14
	2w6-5w8-1w6-7w8-3w8-5w1 . . . . .	14
	2w6-7w3-6w7-3w9-6w1-2w5 . . . . .	14
	2w7-1w4-6w3-6w5-7w8-1w9 . . . . .	14
	2w7-4w2-5w3-3w2-7w2-9w1 . . . . .	14
	2w7-4w2-5w4-7w1-8w6-5w3 . . . . .	15
	2w7-6w8-4w1-9w3-2w4-5w1 . . . . .	15
	2w7-9w2-1w8-9w4-3w6-5w8 . . . . .	15
	2w8-4w5-3w8-3w1-2w9-4w6 . . . . .	15
	2w8-5w2-1w7-6w8-7w8-2w4 . . . . .	15
	2w8-7w6-9w9-5w7-8w4-8w3 . . . . .	16
	2w9-1w6-3w4-2w2-9w5-2w5 . . . . .	16
	2w9-1w7-3w6-1w1-1w4-2w2 . . . . .	16
	2w9-5w1-9w8-5w5-7w1-7w7 . . . . .	16
	2w9-5w4-3w6-5w1-7w6-7w1 . . . . .	16
	2w9-5w6-6w7-2w6-3w7-7w3 . . . . .	17
	3w1-1w4-4w5-6w8-3w9-8w5 . . . . .	17
	3w1-1w6-1w8-7w3-9w8-8w7 . . . . .	17

3w1-2w7-3w7-4w4-2w4-3w2	17
3w1-7w5-7w8-5w6-5w3-3w2	17
3w2-1w6-9w5-2w2-2w7-8w3	18
3w2-1w9-4w9-5w2-4w3-1w3	18
3w2-4w9-7w1-7w6-5w8-7w6	18
3w2-9w5-2w5-3w5-5w8-8w9	18
3w2-9w5-4w3-7w7-5w1-4w6	18
3w5-7w3-9w1-7w8-7w9-9w7	19
3w6-5w8-5w8-6w2-9w8-3w7	19
3w6-7w6-8w4-4w8-6w8-4w7	19
3w6-8w6-4w8-6w3-9w2-3w1	19
3w7-6w6-9w3-5w1-7w4-9w1	19
3w7-9w4-5w6-4w7-1w8-1w4	20
3w8-2w1-9w9-3w2-4w1-4w1	20
3w8-8w5-3w1-2w1-3w2-2w3	20
4w1-1w3-1w2-2w2-9w7-1w1	20
4w1-1w4-8w9-4w8-3w9-1w2	20
4w1-7w3-9w6-5w4-9w6-9w1	21
4w1-8w7-7w7-7w9-4w5-6w8	21
4w2-9w6-7w1-1w9-3w8-3w1	21
4w4-4w1-6w5-8w2-3w9-5w7	21
4w4-4w9-7w5-8w6-4w9-4w4	21
4w4-8w5-9w8-3w7-7w3-1w2	22
4w6-2w9-8w6-8w4-5w2-3w5	22
4w6-8w7-7w8-8w2-5w1-3w7	22
4w7-1w1-3w7-9w6-4w3-8w5	22
4w7-5w7-2w7-4w8-2w6-6w7	22
4w7-7w7-8w1-6w5-4w7-8w2	23
4w8-2w1-4w4-1w4-9w8-4w9	23
4w8-5w3-6w8-2w1-8w1-3w7	23
4w9-1w7-1w9-3w6-1w9-7w2	23
4w9-2w2-3w7-8w3-8w1-9w5	23
5w1-2w8-9w6-7w1-1w1-8w6	24
5w1-3w6-7w8-5w5-9w1-4w9	24
5w2-4w6-2w2-9w9-6w2-9w5	24
5w2-6w9-1w7-8w9-8w5-9w8	24
5w2-8w9-8w4-6w4-5w8-4w3	24
5w4-3w7-3w4-4w4-4w7-2w1	25
5w6-2w6-9w2-1w9-7w9-6w3	25
5w6-3w4-1w1-7w2-3w2-6w5	25
5w6-7w8-2w7-6w5-7w4-5w3	25
5w6-8w4-8w6-1w6-8w5-1w2	25
5w6-8w6-8w7-4w8-3w2-7w4	26
5w7-5w1-2w6-6w5-7w9-9w8	26
5w8-7w5-6w5-2w9-8w4-2w6	26
5w9-5w1-2w6-9w7-6w7-1w1	26
6w2-6w9-1w9-5w4-6w3-5w6	26
6w2-7w5-5w9-8w5-1w9-9w4	27
6w3-8w2-1w4-3w3-1w5-4w1	27
6w3-8w4-5w1-3w1-8w2-9w8	27
6w4-1w6-9w7-4w6-3w7-7w1	27
6w4-2w1-2w3-6w9-2w5-8w3	27
6w5-4w3-3w6-9w9-2w8-5w4	28
6w6-2w2-1w2-6w1-6w9-6w4	28
6w6-3w8-5w8-9w7-9w2-9w1	28
6w6-7w8-9w1-1w9-3w2-8w6	28
6w7-1w5-8w2-2w2-1w5-4w9	28
6w7-5w7-5w3-3w1-7w1-9w1	29

6w7-9w9-2w3-4w4-1w6-8w8	29
6w8-4w9-6w2-7w9-5w2-1w5	29
6w9-1w5-6w5-7w6-2w2-3w7	29
7w1-1w1-8w1-4w8-2w6-1w6	29
7w1-3w7-6w7-6w4-4w4-2w9	30
7w1-4w5-9w6-8w7-3w6-5w4	30
7w1-4w6-2w6-9w7-6w3-7w5	30
7w1-8w7-3w8-2w8-4w5-4w9	30
7w2-9w3-2w1-3w4-1w8-5w3	30
7w3-2w9-9w1-3w9-1w9-8w5	31
7w3-6w4-5w8-1w9-9w9-5w3	31
7w3-7w5-2w4-1w7-3w6-2w7	31
7w3-7w6-8w6-9w3-4w1-7w1	31
7w3-9w4-7w3-3w8-5w2-3w3	31
7w4-6w3-5w7-7w6-2w2-4w2	32
7w4-8w3-3w3-3w4-4w9-9w5	32
7w5-1w2-5w4-3w5-4w9-1w2	32
7w5-4w7-7w1-2w2-5w2-7w5	32
7w6-4w4-6w2-6w1-1w4-1w7	32
7w7-3w2-8w7-4w8-1w2-5w9	33
7w9-5w1-2w1-1w8-1w7-9w8	33
8w1-1w4-6w1-5w9-5w1-9w1	33
8w1-8w8-2w2-9w3-2w3-5w4	33
8w2-6w7-2w9-7w8-2w9-6w9	33
8w2-8w4-8w1-6w3-8w6-6w9	34
8w3-2w9-3w2-4w2-1w9-3w4	34
8w5-6w8-4w5-3w3-7w9-6w3	34
8w6-1w4-3w7-7w4-4w9-5w9	34
8w6-4w1-8w4-3w4-2w8-5w3	34
8w7-5w2-5w1-1w8-4w1-7w6	35
8w7-7w3-3w4-5w9-9w5-2w6	35
8w9-8w9-7w1-2w8-5w5-6w8	35
9w1-8w6-1w2-9w3-2w2-9w1	35
9w2-5w9-2w5-5w7-8w7-1w6	35
9w2-6w7-8w1-4w6-2w4-3w2	36
9w2-6w8-9w1-1w7-4w5-8w1	36
9w2-8w1-7w2-6w7-2w7-3w2	36
9w2-8w2-7w3-3w2-8w5-9w9	36
9w3-8w3-3w1-4w4-8w3-8w6	36
9w3-9w6-2w6-5w2-8w9-4w2	37
9w4-5w5-2w1-8w2-8w8-7w6	37
9w5-5w7-5w4-9w2-6w9-8w8	37
9w7-6w6-8w7-6w3-2w2-5w3	37
9w8-3w1-7w3-4w4-1w2-7w3	37
9w8-3w9-5w2-9w3-1w4-2w8	38
9w9-1w2-3w2-1w1-1w7-7w2	38
9w9-5w2-5w8-6w2-4w3-7w4	38
9w9-9w5-3w6-1w8-6w2-2w4	38

## 6 License

39

# 1 Introduction<sup>1</sup>

“Einfall, einen doppelten Contrapunct in  
der Octave von sechs Tacten zu machen,  
ohne die Regeln davon zu wissen”

“An invention by which Six Measures of  
Double Counterpoint can be written  
without a Knowledge of the Rules”

Thus run the German title (and its English translation) of the article that described the Musical Dice Game (MDG) invented by Carl Philipp Emanuel Bach (or C.P.E. Bach). Rightly and interestingly so, as the Rules provided in the published work allow a non-professional musician to generate (“compose”) nearly 31.4 trillions of unique MDG double counterpoints of six measures (DCSMs). More precisely, the rules of the *Einfall*, as we would refer to this MDG from here onward, yields  $9^6 \times 9^5 \times 1 = 31,381,059,609$  unique DCSMs (see explanation in Subsection 2.2).

A *Musikalisches Würfelspiel* (German for “musical dice game” or MDG) is a system for randomly “generating” (e.g., by using a die or two dice) musical compositions from precomposed options and was quite popular throughout Western Europe in the 18th century. The earliest known MDG is Johann Philipp Kirnberger’s *Der allezeit fertige Polonoisen- und Menuettencomponist* (1st ed. 1757; rev. 2nd ed. 1783) (translated from German as “The Ever-Ready Minuet and Polonaise Composer”). Another example is *Table pour composer des minuets et des Trios à la infinie; avec deux dez à jouer* (1780) (translated from French as “A table for composing minuets and trios to infinity, by playing with two dice”) that was composed by Abbé Maximillian Stadler (but is also attributed to Franz Joseph Haydn).

Probably the most famous of MDGs is *Musikalisches Würfelspiel K. 516f* (1787). This MDG was first published by J.J. Hummel in 1793 in Berlin and was republished in 1796 by Nikolaus Simrock in Bonn (as K. 294d or K. Anh. C 30.01). Simrock attributed this work. It is also known under the title of *Anleitung zum Componieren von Walzern so viele man will vermittelt zweier Würfel, ohne etwas von der Musik oder Composition zu verstehen* (German for “Instructions for the composition of as many waltzes as one desires with two dice, without understanding anything about music or composition”) and may have been based on Mozart’s manuscript *K. 516f*, written in 1787, consisting of numerous two-bar fragments of music, that appear to be some kind of game or system for constructing music out of two-bar fragments, but contains no instructions nor hints as to the use of dice. An [online article](#) by Hideo Noguchi offers a possible explanation for this attribution.

This book is a collection of 150 MDG DCSMs generated according to the rules given in the *Einfall*. The scores of the generated DCSMs, that were initially written using the abc environment of Chris Walshaw, were converted to Scalar Vector Graphics (SVG) images (with corresponding MIDIs) using `abcm2ps` and `abcmidi`, and were then pre-processed with Inkscape to be included in L<sup>A</sup>T<sub>E</sub>X to produce this book.

## 2 *Einfall*

### 2.1 Rules

The Rules provided in *Einfall* generate DCSMs consisting of six (6) bars/measures. The six bars are played with a repeat, yielding a total of 12 played bars.

The following Rules are followed for generating each DCSM:

1. For each bar from the first to the sixth, toss a nine-sided die twice then obtain the numbers on the face that comes up on each toss. Hence, six two nine-sided one-die tosses (with possible outcomes from the set  $\{1, 2, 3, 4, 5, 6, 7, 8, 9\}$  for each toss) are needed to generate a DCSM. (Two five-sided dice may also be used; just subtract 1 from the sum of the upturned faces in each toss.)

---

<sup>1</sup>The information contained in the introduction were culled from the following online resources: [Wikipedia: Musikalisches Würfelspiel](#) (2017), <https://opus-infinity.org/>, and [Mozart’s Melody Machine](#) (Peterson, 2001)



2. For each bar (1 to 6), the outcome of the first die toss from Step 1. is then used to determine which bar (numbered from 1 to 9 under each column) from the Table of Treble-Clef Measures (Figure 1) is to be used for obtaining the G-clef notes for the particular bar of the DCSM-to-be-created corresponding to the outcome of the toss. Similarly, the outcome of the second die toss is used to determine the F-clef notes from the Table of Bass-Clef Measures (Figures 2).

The possible outcomes of a nine-sided die toss (1 to 9) are given on the left-hand side (stub items) of Figure 1, while the bar numbers (1 to 6) of the DCSM-to-be-generated are given on the top of that table (captions or column headings).

3. For example, suppose for bar 2, the outcome of the two nine-sided die tosses are 5 for the first toss and 9 for the second toss. If we now look for measure number 2 at the top of Figure 1 and for the outcome 5 on the left-hand side of that table, we obtain the notes of the 5th bar under the 2nd column of the Table of Treble-Clef Measures (Figure 1) for the G-clef of bar 2 for the DCSM-to-be-generated. Similarly, we take the notes of the 9th bar under the 2nd column of the Table of Bass-Clef Measures (Figures 2) for the F-clef notes of bar 2 for the DCSM-to-be-generated.

## 2.2 Table of Measures

### *Einfall Counterpoint Measures (G-Clef)*

[from [https://opus-infinity.org/dice\\_games/cpebach\\_counterpoint/measures/](https://opus-infinity.org/dice_games/cpebach_counterpoint/measures/);  
or from <https://www.jstor.org/stable/843301>]

attributed to C.P.E. Bach

$\text{♩} = 90$

	Bar 1	Bar 2	Bar 3	Bar 4	Bar 5	Bar 6
1						
2						
3						
4						
5						
6						
7						
8						
9						

Figure 1: Table of Treble-Clef Measures (Part I)

Note that for each of the first five of the six bars of any *Einfall* DCSM, there are  $9 \times 9 = 81$  possible combinations of G- and F-clefs since there are nine choices for each of the G- and F-clefs. However, for the sixth bar (final bar) of each *Einfall* DCSM, although there are nine choices for the bars for the

G-clef, there is only one choice of a bar for the F-clef, that choice being a middle C of four counts (C4). Thus, there are only nine combinations of G- and F-clefs for the sixth bar (see Figure 2). All told, these imply that the total number of unique *Einfall* DCSMs is  $(9^2)^5 \times (9 \times 1) = 81 \times 81 \times 81 \times 81 \times 81 \times 9 = 31,381,059,609$ . (Note that this total number may be doubled by switching the roles of the G- and F-clefs as the DCSMs are invertible at the octave.)

*Einfall Counterpoints Measures (F-Clef)*  
[from [https://opus-infinity.org/dice\\_games/cpebach\\_counterpoint/measures/](https://opus-infinity.org/dice_games/cpebach_counterpoint/measures/);  
or from <https://www.jstor.org/stable/843301>]

*attributed to C.P.E. Bach*

♩ = 90      Bar 1      Bar 2      Bar 3      Bar 4      Bar 5      Bar 6

The musical score consists of nine staves, each beginning with a bass clef and a 2/2 time signature. Above the staves, the tempo is indicated as ♩ = 90. The staves are labeled 1 through 9 on the left. The music is organized into six vertical columns, each labeled 'Bar 1' through 'Bar 6' at the top. Each staff contains a sequence of musical notes and rests. The notes are primarily eighth and sixteenth notes, often beamed together. There are also some quarter notes and half notes. The rests are represented by horizontal lines of varying lengths, indicating the duration of the silence. The overall style is that of a historical musical manuscript.

Figure 2: Table of Bass-Clef Measures (Part II)



### 3 Related Links

The following are very interesting sites in that they allow the online rendering of MDGs:

- [Opus Infinity](#) - Collaborative work of Robbert Harms, Hein Moors, and Suus van Petegem whose goal is to unravel the mystery behind the tables used for generating MDGs. Site visitors can generate MDGs based on works of Kirnberger, Mozart, Stadler/Haydn, Bach, and Gerlach. Corresponding audio files (`mid`, `ogg`, and/or `mp3`) and image files (`pdf` or `png`) are also made available for listening, viewing, or downloading.
- [Mozart](#) - A site maintained by John Chuang that allows the site visitor to generate MDGs based on the work of Stadler/Haydn.
- [Mozart](#) - A site maintained by Marian Aldenhövel allows the visitor to generate a MDG (user-specified or randomly-generated) and the corresponding audio (`midi`, `wav`) and image files (`pdf`, `png`) based on *Musikalisches Würfelspiel*, K. 516f.
- [mozart.zip](#) - This is a Windows software (© 1995 VisionSoft) by John Chuang and Stephen Goodwin that generates MDG based on input from user and is available for *free* from [Amaranth Publishing](#).
- “[Mozart - Musical Game in C K. 516f](#),” Mozart Studies Online - The site of Hideo Noguchi that offers an explanation linking *Musikalisches Würfelspiel*, K. 516f, and K. 294d (K. Anh. C 30.01).

### 4 Acknowledgments

My sincerest gratitude to Chris Walshaw et al. for the [ABC music notation](#); Jean-Francois Moine for [abcm2ps](#) and the accompanying examples, templates, and pointers for the appropriate use of these resources; Guido Gonzato for the [ABC Plus Project](#) and the [abcmidi resources](#) available there, more especially for the ABC resource book *Making Music with ABC 2*; James R. Allwright and Seymour Shlien for [abcmidi](#) source and binaries; [Artifex, Inc.](#) for Ghostscript v.10.00.0 (includes the `ps2pdf` converter); [Inkscape v.1.2.2](#) for the tool for converting SVGs to PDFs for inclusion into L<sup>A</sup>T<sub>E</sub>X documents; William Schelter for [Maxima v.5.47.0](#)—used for computing the permutation number; Colombar Wendling et. al for [Geany 2.0 IDE](#); and [User:Martin H](#) for his [reply](#) to a T<sub>E</sub>X / L<sup>A</sup>T<sub>E</sub>X Stack Exchange question on including SVGs into L<sup>A</sup>T<sub>E</sub>X documents. Special thanks also to [Opus Infinity](#) and [JSTOR](#) (in collaboration with Duke University Press and Yale University) for making available the score for *Einfall*, [International Music Score Library Project](#) for *Historisch-Kritische Beyträge zur Aufnahme der Musik Bd.3*, and [Amaranth Publishing](#) for a copy of `mozart.zip`. Ditto to Machtelt Garrels for the book [Bash Guide for Beginners](#), Vivek Gite for the book [Linux Script Shell Tutorial](#), and Steve Parker for the [Unix/Linux Shell Cheatsheet](#). John Fogarty’s GitHub Site: [Latex CreateSpace BookCover](#) and Peter Wilson’s reply in T<sub>E</sub>X / L<sup>A</sup>T<sub>E</sub>X Stack Exchange on [designing a book cover](#), were sources of ideas, information, and materials for creating the book cover and title page, thanks to both of them; [LibreOffice Calc](#) for its use in the image creation of the book cover. Many thanks, too, to the [Debian Project](#) for the Debian 12 (Bookworm) GNU/Linux OS, [TeXLive](#) for providing the T<sub>E</sub>X distribution, and [GitHub](#) for its generosity in providing space for [the project](#).

## 5 Selected Waltzes

1w1-1w7-3w6-1w3-7w5-5w3  
cpeb::1w1-10w16-21w24-28w30-43w41-50w48-:  
Perm. No.: 14966185726



For audio (midi): [cpeb-1w1-1w7-3w6-1w3-7w5-5w3.mid](#)

1w1-6w9-4w2-7w3-9w5-7w2  
cpeb::1w1-15w18-22w20-34w30-45w41-52w47-:  
Perm. No.: 14803700500



For audio (midi): [cpeb-1w1-6w9-4w2-7w3-9w5-7w2.mid](#)

1w2-1w9-9w7-9w8-4w7-4w7  
cpeb::1w2-10w18-27w25-36w35-40w43-49w52-:  
Perm. No.: 23929928659



For audio (midi): [cpeb-1w2-1w9-9w7-9w8-4w7-4w7.mid](#)

1w2-3w6-4w8-7w3-8w8-9w9  
cpeb::1w2-12w15-22w26-34w30-44w44-54w54-:  
Perm. No.: 25508628073



For audio (midi): [cpeb-1w2-3w6-4w8-7w3-8w8-9w9.mid](#)

1w2-6w1-7w7-7w4-2w8-7w7  
cpeb::1w2-15w10-25w25-34w31-38w44-52w52-:  
Perm. No.: 25828929802



For audio (midi): [cpeb-1w2-6w1-7w7-7w4-2w8-7w7.mid](#)

1w2-6w2-4w8-2w2-1w5-9w8  
 cpeb::1w2-15w11-22w26-29w29-37w41-54w53-:  
 Perm. No.: 14641672960



For audio (midi): [cpeb-1w2-6w2-4w8-2w2-1w5-9w8.mid](#)

1w3-8w4-3w7-8w9-6w4-9w2  
 cpeb::1w3-17w13-21w25-35w36-42w40-54w47-:  
 Perm. No.: 13833919756



For audio (midi): [cpeb-1w3-8w4-3w7-8w9-6w4-9w2.mid](#)

1w4-2w2-6w9-5w9-2w1-7w2  
 cpeb::1w4-11w11-24w27-32w36-38w37-52w47-:  
 Perm. No.: 3450479158



For audio (midi): [cpeb-1w4-2w2-6w9-5w9-2w1-7w2.mid](#)

1w4-3w5-4w3-2w6-7w1-6w1  
 cpeb::1w4-12w14-22w21-29w33-43w37-51w46-:  
 Perm. No.: 2044257688



For audio (midi): [cpeb-1w4-3w5-4w3-2w6-7w1-6w1.mid](#)

1w4-4w4-8w7-6w6-8w8-6w1  
 cpeb::1w4-13w13-26w25-33w33-44w44-51w46-:  
 Perm. No.: 26619162220



For audio (midi): [cpeb-1w4-4w4-8w7-6w6-8w8-6w1.mid](#)

1w4-9w7-4w3-1w3-2w6-4w5  
 cpeb::1w4-18w16-22w21-28w30-38w42-49w50-:  
 Perm. No.: 18325332586



For audio (midi): [cpeb-1w4-9w7-4w3-1w3-2w6-4w5.mid](#)

1w5-7w2-9w7-5w8-4w4-9w5  
 cpeb::1w5-16w11-27w25-32w35-40w40-54w50-:  
 Perm. No.: 13437981379



For audio (midi): [cpeb-1w5-7w2-9w7-5w8-4w4-9w5.mid](#)

1w7-4w2-8w8-6w1-9w6-9w5  
 cpeb::1w7-13w11-26w26-33w28-45w42-54w50-:  
 Perm. No.: 17743749787



For audio (midi): [cpeb-1w7-4w2-8w8-6w1-9w6-9w5.mid](#)

1w8-1w8-2w7-6w1-6w7-1w6  
 cpeb::1w8-10w17-20w25-33w28-42w43-46w51-:  
 Perm. No.: 21216224134



For audio (midi): [cpeb-1w8-1w8-2w7-6w1-6w7-1w6.mid](#)

1w8-2w9-4w1-5w2-5w3-3w4  
 cpeb::1w8-11w18-22w19-32w29-41w39-48w49-:  
 Perm. No.: 7403120641



For audio (midi): [cpeb-1w8-2w9-4w1-5w2-5w3-3w4.mid](#)

1w8-7w7-2w5-5w9-3w4-1w5  
 cpeb::1w8-16w16-20w23-32w36-39w40-46w50-:  
 Perm. No.: 13764338074



For audio (midi): [cpeb-1w8-7w7-2w5-5w9-3w4-1w5.mid](#)

2w1-1w2-5w2-4w6-4w6-5w6  
 cpeb::2w1-10w11-23w20-31w33-40w42-50w51-:  
 Perm. No.: 19419112532



For audio (midi): [cpeb-2w1-1w2-5w2-4w6-4w6-5w6.mid](#)

2w1-2w7-5w5-5w4-8w1-2w2  
 cpeb::2w1-11w16-23w23-32w31-44w37-47w47-:  
 Perm. No.: 1363254392



For audio (midi): [cpeb-2w1-2w7-5w5-5w4-8w1-2w2.mid](#)

2w1-6w9-7w2-6w7-1w9-3w3  
 cpeb::2w1-15w18-25w20-33w34-37w45-48w48-:  
 Perm. No.: 30300230891



For audio (midi): [cpeb-2w1-6w9-7w2-6w7-1w9-3w3.mid](#)

2w2-1w2-2w6-4w8-4w1-3w1  
 cpeb::2w2-10w11-20w24-31w35-40w37-48w46-:  
 Perm. No.: 2932631489



For audio (midi): [cpeb-2w2-1w2-2w6-4w8-4w1-3w1.mid](#)

2w3-1w7-5w7-6w1-3w1-8w8  
 cpeb::2w3-10w16-23w25-33w28-39w37-53w53-:  
 Perm. No.: 288471458



For audio (midi): [cpeb-2w3-1w7-5w7-6w1-3w1-8w8.mid](#)

2w3-5w6-6w2-6w8-9w4-4w9  
 cpeb::2w3-14w15-24w20-33w35-45w40-49w54-:  
 Perm. No.: 13240554797



For audio (midi): [cpeb-2w3-5w6-6w2-6w8-9w4-4w9.mid](#)

2w3-5w9-3w4-4w1-7w6-5w3  
 cpeb::2w3-14w18-21w22-31w28-43w42-50w48-:  
 Perm. No.: 1760266751



For audio (midi): [cpeb-2w3-5w9-3w4-4w1-7w6-5w3.mid](#)

2w3-7w6-3w4-9w2-4w3-6w4  
 cpeb::2w3-16w15-21w22-36w29-40w39-51w49-:  
 Perm. No.: 7515428159



For audio (midi): [cpeb-2w3-7w6-3w4-9w2-4w3-6w4.mid](#)

2w3-9w4-9w1-9w1-8w1-8w6  
 cpeb::2w3-18w13-27w19-36w28-44w37-53w51-:  
 Perm. No.: 15877613



For audio (midi): [cpeb-2w3-9w4-9w1-9w1-8w1-8w6.mid](#)



2w4-5w9-2w5-6w5-7w7-1w7  
 cpeb::2w4-14w18-20w23-33w32-43w43-46w52-:  
 Perm. No.: 22682476451



For audio (midi): [cpeb-2w4-5w9-2w5-6w5-7w7-1w7.mid](#)

2w5-5w5-7w4-1w2-8w8-8w8  
 cpeb::2w5-14w14-25w22-28w29-44w44-53w53-:  
 Perm. No.: 24945768893



For audio (midi): [cpeb-2w5-5w5-7w4-1w2-8w8-8w8.mid](#)

2w6-5w8-1w6-7w8-3w8-5w1  
 cpeb::2w6-14w17-19w24-34w35-39w44-50w46-:  
 Perm. No.: 27371059553



For audio (midi): [cpeb-2w6-5w8-1w6-7w8-3w8-5w1.mid](#)

2w6-7w3-6w7-3w9-6w1-2w5  
 cpeb::2w6-16w12-24w25-30w36-42w37-47w50-:  
 Perm. No.: 3369961154



For audio (midi): [cpeb-2w6-7w3-6w7-3w9-6w1-2w5.mid](#)

2w7-1w4-6w3-6w5-7w8-1w9  
 cpeb::2w7-10w13-24w21-33w32-43w44-46w54-:  
 Perm. No.: 26060847176



For audio (midi): [cpeb-2w7-1w4-6w3-6w5-7w8-1w9.mid](#)

2w7-4w2-5w3-3w2-7w2-9w1  
 cpeb::2w7-13w11-23w21-30w29-43w38-54w46-:  
 Perm. No.: 3968783516



For audio (midi): [cpeb-2w7-4w2-5w3-3w2-7w2-9w1.mid](#)

2w7-4w2-5w4-7w1-8w6-5w3  
 cpeb::2w7-13w11-23w22-34w28-44w42-50w48-:  
 Perm. No.: 17571320633



For audio (midi): [cpeb-2w7-4w2-5w4-7w1-8w6-5w3.mid](#)

2w7-6w8-4w1-9w3-2w4-5w1  
 cpeb::2w7-15w17-22w19-36w30-38w40-50w46-:  
 Perm. No.: 11272112489



For audio (midi): [cpeb-2w7-6w8-4w1-9w3-2w4-5w1.mid](#)

2w7-9w2-1w8-9w4-3w6-5w8  
 cpeb::2w7-18w11-19w26-36w31-39w42-50w53-:  
 Perm. No.: 18905737358



For audio (midi): [cpeb-2w7-9w2-1w8-9w4-3w6-5w8.mid](#)

2w8-4w5-3w8-3w1-2w9-4w6  
 cpeb::2w8-13w14-21w26-30w28-38w45-49w51-:  
 Perm. No.: 28218639575



For audio (midi): [cpeb-2w8-4w5-3w8-3w1-2w9-4w6.mid](#)

2w8-5w2-1w7-6w8-7w8-2w4  
 cpeb::2w8-14w11-19w25-33w35-43w44-47w49-:  
 Perm. No.: 27386319710



For audio (midi): [cpeb-2w8-5w2-1w7-6w8-7w8-2w4.mid](#)

2w8-7w6-9w9-5w7-8w4-8w3  
 cpeb::2w8-16w15-27w27-32w34-44w40-53w48-:  
 Perm. No.: 13157347727



For audio (midi): [cpeb-2w8-7w6-9w9-5w7-8w4-8w3.mid](#)

2w9-1w6-3w4-2w2-9w5-2w5  
 cpeb::2w9-10w15-21w22-29w29-45w41-47w50-:  
 Perm. No.: 14491977059



For audio (midi): [cpeb-2w9-1w6-3w4-2w2-9w5-2w5.mid](#)

2w9-1w7-3w6-1w1-1w4-2w2  
 cpeb::2w9-10w16-21w24-28w28-37w40-47w47-:  
 Perm. No.: 10708595363



For audio (midi): [cpeb-2w9-1w7-3w6-1w1-1w4-2w2.mid](#)

2w9-5w1-9w8-5w5-7w1-7w7  
 cpeb::2w9-14w10-27w26-32w32-43w37-52w52-:  
 Perm. No.: 1855657793



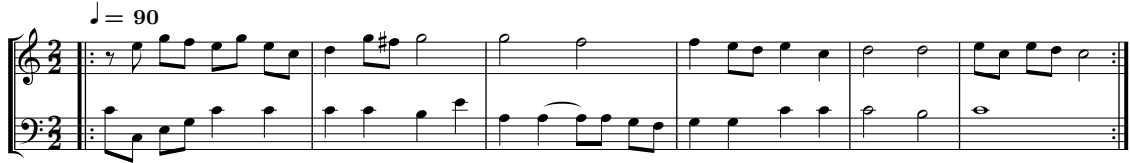
For audio (midi): [cpeb-2w9-5w1-9w8-5w5-7w1-7w7.mid](#)

2w9-5w4-3w6-5w1-7w6-7w1  
cpeb::2w9-14w13-21w24-32w28-43w42-52w46-:  
Perm. No.: 17668152821



For audio (midi): [cpeb-2w9-5w4-3w6-5w1-7w6-7w1.mid](#)

2w9-5w6-6w7-2w6-3w7-7w3  
cpeb::2w9-14w15-24w25-29w33-39w43-52w48-:  
Perm. No.: 23144624138



For audio (midi): [cpeb-2w9-5w6-6w7-2w6-3w7-7w3.mid](#)

3w1-1w4-4w5-6w8-3w9-8w5  
cpeb::3w1-10w13-22w23-33w35-39w45-53w50-:  
Perm. No.: 30793184778



For audio (midi): [cpeb-3w1-1w4-4w5-6w8-3w9-8w5.mid](#)

3w1-1w6-1w8-7w3-9w8-8w7  
cpeb::3w1-10w15-19w26-34w30-45w44-53w52-:  
Perm. No.: 25508043885



For audio (midi): [cpeb-3w1-1w6-1w8-7w3-9w8-8w7.mid](#)

3w1-2w7-3w7-4w4-2w4-3w2  
cpeb::3w1-11w16-21w25-31w31-38w40-48w47-:  
Perm. No.: 11909719830



For audio (midi): [cpeb-3w1-2w7-3w7-4w4-2w4-3w2.mid](#)

3w1-7w5-7w8-5w6-5w3-3w2  
 cpeb::3w1-16w14-25w26-32w33-41w39-48w47-:  
 Perm. No.: 9231277971



For audio (midi): [cpeb-3w1-7w5-7w8-5w6-5w3-3w2.mid](#)

3w2-1w6-9w5-2w2-2w7-8w3  
 cpeb::3w2-10w15-27w23-29w29-38w43-53w48-:  
 Perm. No.: 21505181349



For audio (midi): [cpeb-3w2-1w6-9w5-2w2-2w7-8w3.mid](#)

3w2-1w9-4w9-5w2-4w3-1w3  
 cpeb::3w2-10w18-22w27-32w29-40w39-46w48-:  
 Perm. No.: 7744181097



For audio (midi): [cpeb-3w2-1w9-4w9-5w2-4w3-1w3.mid](#)

3w2-4w9-7w1-7w6-5w8-7w6  
 cpeb::3w2-13w18-25w19-34w33-41w44-52w51-:  
 Perm. No.: 26383773873



For audio (midi): [cpeb-3w2-4w9-7w1-7w6-5w8-7w6.mid](#)

3w2-9w5-2w5-3w5-5w8-8w9  
 cpeb::3w2-18w14-20w23-30w32-41w44-53w54-:  
 Perm. No.: 26149464165



For audio (midi): [cpeb-3w2-9w5-2w5-3w5-5w8-8w9.mid](#)

♩ = 90

The musical score is for a single system in 3/2 time. The tempo is marked as quarter note = 90. The key signature has one flat (B-flat). The melody is in the treble staff, and the bass line is in the bass staff. The piece consists of 12 measures, ending with a repeat sign.

♩ = 90

Musical score for 'The Rose Tree' in 3/2 time. The tempo is marked as ♩ = 90. The score consists of two staves: a treble staff and a bass staff. The melody is in the treble staff, and the accompaniment is in the bass staff. The key signature has one flat (B-flat). The score is divided into two systems by a double bar line. The first system contains the first four measures, and the second system contains the last two measures. The melody is a simple, folk-like tune, and the accompaniment provides a steady bass line.

♩ = 90

The musical score is written for piano in 2/2 time. The tempo is marked as ♩ = 90. The key signature has one sharp (F#). The melody is in the right hand, and the accompaniment is in the left hand. The piece consists of six measures, ending with a double bar line and repeat dots. The melody starts on a whole note, followed by a half note, and then a series of eighth and sixteenth notes. The accompaniment starts with a half rest, followed by a series of eighth and sixteenth notes, and ends with a whole note.

19



3w7-6w6-9w3-5w1-7w4-9w1  
 cpeb::3w7-15w15-27w21-32w28-43w40-54w46-:  
 Perm. No.: 10574065506



For audio (midi): [cpeb-3w7-6w6-9w3-5w1-7w4-9w1.mid](#)

3w7-9w4-5w6-4w7-1w8-1w4  
 cpeb::3w7-18w13-23w24-31w34-37w44-46w49-:  
 Perm. No.: 26964787485



For audio (midi): [cpeb-3w7-9w4-5w6-4w7-1w8-1w4.mid](#)

3w8-2w1-9w9-3w2-4w1-4w1  
 cpeb::3w8-11w10-27w27-30w29-40w37-49w46-:  
 Perm. No.: 735713292



For audio (midi): [cpeb-3w8-2w1-9w9-3w2-4w1-4w1.mid](#)

3w8-8w5-3w1-2w1-3w2-2w3  
 cpeb::3w8-17w14-21w19-29w28-39w38-47w48-:  
 Perm. No.: 3509709492



For audio (midi): [cpeb-3w8-8w5-3w1-2w1-3w2-2w3.mid](#)

4w1-1w3-1w2-2w2-9w7-1w1  
 cpeb::4w1-10w12-19w20-29w29-45w43-46w46-:  
 Perm. No.: 21360792775



For audio (midi): [cpeb-4w1-1w3-1w2-2w2-9w7-1w1.mid](#)

4w1-1w4-8w9-4w8-3w9-1w2  
 cpeb::4w1-10w13-26w27-31w35-39w45-46w47-:  
 Perm. No.: 30964957186



For audio (midi): [cpeb-4w1-1w4-8w9-4w8-3w9-1w2.mid](#)

4w1-7w3-9w6-5w4-9w6-9w1  
 cpeb::4w1-16w12-27w24-32w31-45w42-54w46-:  
 Perm. No.: 18821511517



For audio (midi): [cpeb-4w1-7w3-9w6-5w4-9w6-9w1.mid](#)

4w1-8w7-7w7-7w9-4w5-6w8  
 cpeb::4w1-17w16-25w25-34w36-40w41-51w53-:  
 Perm. No.: 17333799511



For audio (midi): [cpeb-4w1-8w7-7w7-7w9-4w5-6w8.mid](#)

4w2-9w6-7w1-1w9-3w8-3w1  
 cpeb::4w2-18w15-25w19-28w36-39w44-48w46-:  
 Perm. No.: 27531432787



For audio (midi): [cpeb-4w2-9w6-7w1-1w9-3w8-3w1.mid](#)

4w4-4w1-6w5-8w2-3w9-5w7  
 cpeb::4w4-13w10-24w23-35w29-39w45-50w52-:  
 Perm. No.: 28455731761



For audio (midi): [cpeb-4w4-4w1-6w5-8w2-3w9-5w7.mid](#)

4w4-4w9-7w5-8w6-4w9-4w4  
cpeb::4w4-13w18-25w23-35w33-40w45-49w49-:  
Perm. No.: 30043625062



For audio (midi): [cpeb-4w4-4w9-7w5-8w6-4w9-4w4.mid](#)

4w4-8w5-9w8-3w7-7w3-1w2  
cpeb::4w4-17w14-27w26-30w34-43w39-46w47-:  
Perm. No.: 9620186521



For audio (midi): [cpeb-4w4-8w5-9w8-3w7-7w3-1w2.mid](#)

4w6-2w9-8w6-8w4-5w2-3w5  
cpeb::4w6-11w18-26w24-35w31-41w38-48w50-:  
Perm. No.: 4905350455



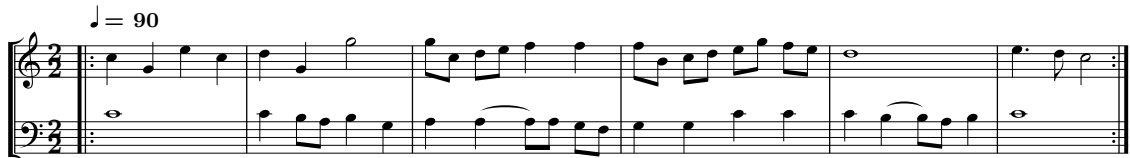
For audio (midi): [cpeb-4w6-2w9-8w6-8w4-5w2-3w5.mid](#)

4w6-8w7-7w8-8w2-5w1-3w7  
cpeb::4w6-17w16-25w26-35w29-41w37-48w52-:  
Perm. No.: 720252553



For audio (midi): [cpeb-4w6-8w7-7w8-8w2-5w1-3w7.mid](#)

4w7-1w1-3w7-9w6-4w3-8w5  
cpeb::4w7-10w10-21w25-36w33-40w39-53w50-:  
Perm. No.: 9172579243



For audio (midi): [cpeb-4w7-1w1-3w7-9w6-4w3-8w5.mid](#)

4w7-5w7-2w7-4w8-2w6-6w7  
 cpeb::4w7-14w16-20w25-31w35-38w42-51w52-:  
 Perm. No.: 20436336328



For audio (midi): [cpeb-4w7-5w7-2w7-4w8-2w6-6w7.mid](#)

4w7-7w7-8w1-6w5-4w7-8w2  
 cpeb::4w7-16w16-26w19-33w32-40w43-53w47-:  
 Perm. No.: 22502712118



For audio (midi): [cpeb-4w7-7w7-8w1-6w5-4w7-8w2.mid](#)

4w8-2w1-4w4-1w4-9w8-4w9  
 cpeb::4w8-11w10-22w22-28w31-45w44-49w54-:  
 Perm. No.: 25702842415



For audio (midi): [cpeb-4w8-2w1-4w4-1w4-9w8-4w9.mid](#)

4w8-5w3-6w8-2w1-8w1-3w7  
 cpeb::4w8-14w12-24w26-29w28-44w37-48w52-:  
 Perm. No.: 314778271



For audio (midi): [cpeb-4w8-5w3-6w8-2w1-8w1-3w7.mid](#)

4w9-1w7-1w9-3w6-1w9-7w2  
 cpeb::4w9-10w16-19w27-30w33-37w45-52w47-:  
 Perm. No.: 30209056519



For audio (midi): [cpeb-4w9-1w7-1w9-3w6-1w9-7w2.mid](#)

4w9-2w2-3w7-8w3-8w1-9w5  
 cpeb::4w9-11w11-21w25-35w30-44w37-54w50-:  
 Perm. No.: 1042679398



For audio (midi): [cpeb-4w9-2w2-3w7-8w3-8w1-9w5.mid](#)

5w1-2w8-9w6-7w1-1w1-8w6  
 cpeb::5w1-11w17-27w24-34w28-37w37-53w51-:  
 Perm. No.: 249132767



For audio (midi): [cpeb-5w1-2w8-9w6-7w1-1w1-8w6.mid](#)

5w1-3w6-7w8-5w5-9w1-4w9  
 cpeb::5w1-12w15-25w26-32w32-45w37-49w54-:  
 Perm. No.: 1875156908



For audio (midi): [cpeb-5w1-3w6-7w8-5w5-9w1-4w9.mid](#)

5w2-4w6-2w2-9w9-6w2-9w5  
 cpeb::5w2-13w15-20w20-36w36-42w38-54w50-:  
 Perm. No.: 6654152462



For audio (midi): [cpeb-5w2-4w6-2w2-9w9-6w2-9w5.mid](#)

5w2-6w9-1w7-8w9-8w5-9w8  
 cpeb::5w2-15w18-19w25-35w36-44w41-54w53-:  
 Perm. No.: 17344100507



For audio (midi): [cpeb-5w2-6w9-1w7-8w9-8w5-9w8.mid](#)

5w2-8w9-8w4-6w4-5w8-4w3  
 cpeb::5w2-17w18-26w22-33w31-41w44-49w48-:  
 Perm. No.: 25737895301



For audio (midi): [cpeb-5w2-8w9-8w4-6w4-5w8-4w3.mid](#)

5w4-3w7-3w4-4w4-4w7-2w1  
 cpeb::5w4-12w16-21w22-31w31-40w43-47w46-:  
 Perm. No.: 22242481277



For audio (midi): [cpeb-5w4-3w7-3w4-4w4-4w7-2w1.mid](#)

5w6-2w6-9w2-1w9-7w9-6w3  
 cpeb::5w6-11w15-27w20-28w36-43w45-51w48-:  
 Perm. No.: 31063593164



For audio (midi): [cpeb-5w6-2w6-9w2-1w9-7w9-6w3.mid](#)

5w6-3w4-1w1-7w2-3w2-6w5  
 cpeb::5w6-12w13-19w19-34w29-39w38-51w50-:  
 Perm. No.: 3891523766



For audio (midi): [cpeb-5w6-3w4-1w1-7w2-3w2-6w5.mid](#)

5w6-7w8-2w7-6w5-7w4-5w3  
 cpeb::5w6-16w17-20w25-33w32-43w40-50w48-:  
 Perm. No.: 12304732820



For audio (midi): [cpeb-5w6-7w8-2w7-6w5-7w4-5w3.mid](#)



5w6-8w4-8w6-1w6-8w5-1w2  
 cpeb::5w6-17w13-26w24-28w33-44w41-46w47-:  
 Perm. No.: 16116526328



For audio (midi): [cpeb-5w6-8w4-8w6-1w6-8w5-1w2.mid](#)

5w6-8w6-8w7-4w8-3w2-7w4  
 cpeb::5w6-17w15-26w25-31w35-39w38-52w49-:  
 Perm. No.: 6483950438



For audio (midi): [cpeb-5w6-8w6-8w7-4w8-3w2-7w4.mid](#)

5w7-5w1-2w6-6w5-7w9-9w8  
 cpeb::5w7-14w10-20w24-33w32-43w45-54w53-:  
 Perm. No.: 29662894940



For audio (midi): [cpeb-5w7-5w1-2w6-6w5-7w9-9w8.mid](#)

5w8-7w5-6w5-2w9-8w4-2w6  
 cpeb::5w8-16w14-24w23-29w36-44w40-47w51-:  
 Perm. No.: 13754862131



For audio (midi): [cpeb-5w8-7w5-6w5-2w9-8w4-2w6.mid](#)

5w9-5w1-2w6-9w7-6w7-1w1  
 cpeb::5w9-14w10-20w24-36w34-42w43-46w46-:  
 Perm. No.: 23464753232



For audio (midi): [cpeb-5w9-5w1-2w6-9w7-6w7-1w1.mid](#)

6w2-6w9-1w9-5w4-6w3-5w6  
 cpeb::6w2-15w18-19w27-32w31-42w39-50w51-:  
 Perm. No.: 8519271198



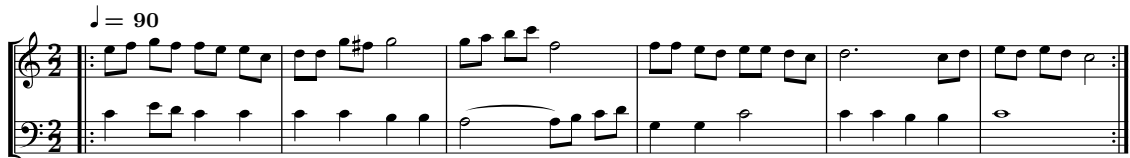
For audio (midi): [cpeb-6w2-6w9-1w9-5w4-6w3-5w6.mid](#)

6w2-7w5-5w9-8w5-1w9-9w4  
 cpeb::6w2-16w14-23w27-35w32-37w45-54w49-:  
 Perm. No.: 29808472128



For audio (midi): [cpeb-6w2-7w5-5w9-8w5-1w9-9w4.mid](#)

6w3-8w2-1w4-3w3-1w5-4w1  
 cpeb::6w3-17w11-19w22-30w30-37w41-49w46-:  
 Perm. No.: 14857143270



For audio (midi): [cpeb-6w3-8w2-1w4-3w3-1w5-4w1.mid](#)

6w3-8w4-5w1-3w1-8w2-9w8  
 cpeb::6w3-17w13-23w19-30w28-44w38-54w53-:  
 Perm. No.: 3502716360



For audio (midi): [cpeb-6w3-8w4-5w1-3w1-8w2-9w8.mid](#)

6w4-1w6-9w7-4w6-3w7-7w1  
 cpeb::6w4-10w15-27w25-31w33-39w43-52w46-:  
 Perm. No.: 23141968602



For audio (midi): [cpeb-6w4-1w6-9w7-4w6-3w7-7w1.mid](#)

6w4-2w1-2w3-6w9-2w5-8w3  
 cpeb::6w4-11w10-20w21-33w36-38w41-53w48-:  
 Perm. No.: 17134612926



For audio (midi): [cpeb-6w4-2w1-2w3-6w9-2w5-8w3.mid](#)

6w5-4w3-3w6-9w9-2w8-5w4  
 cpeb::6w5-13w12-21w24-36w36-38w44-50w49-:  
 Perm. No.: 27734028810



For audio (midi): [cpeb-6w5-4w3-3w6-9w9-2w8-5w4.mid](#)

6w6-2w2-1w2-6w1-6w9-6w4  
 cpeb::6w6-11w11-19w20-33w28-42w45-51w49-:  
 Perm. No.: 27945093813



For audio (midi): [cpeb-6w6-2w2-1w2-6w1-6w9-6w4.mid](#)

6w6-3w8-5w8-9w7-9w2-9w1  
 cpeb::6w6-12w17-23w26-36w34-45w38-54w46-:  
 Perm. No.: 6149303430



For audio (midi): [cpeb-6w6-3w8-5w8-9w7-9w2-9w1.mid](#)

6w6-7w8-9w1-1w9-3w2-8w6  
 cpeb::6w6-16w17-27w19-28w36-39w38-53w51-:  
 Perm. No.: 6622713474



For audio (midi): [cpeb-6w6-7w8-9w1-1w9-3w2-8w6.mid](#)

6w7-1w5-8w2-2w2-1w5-4w9  
 cpeb::6w7-10w14-26w20-29w29-37w41-49w54-:  
 Perm. No.: 14400103785



For audio (midi): [cpeb-6w7-1w5-8w2-2w2-1w5-4w9.mid](#)

6w7-5w7-5w3-3w1-7w1-9w1  
 cpeb::6w7-14w16-23w21-30w28-43w37-54w46-:  
 Perm. No.: 118493484



For audio (midi): [cpeb-6w7-5w7-5w3-3w1-7w1-9w1.mid](#)

6w7-9w9-2w3-4w4-1w6-8w8  
 cpeb::6w7-18w18-20w21-31w31-37w42-53w53-:  
 Perm. No.: 18724145001



For audio (midi): [cpeb-6w7-9w9-2w3-4w4-1w6-8w8.mid](#)

6w8-4w9-6w2-7w9-5w2-1w5  
 cpeb::6w8-13w18-24w20-34w36-41w38-46w50-:  
 Perm. No.: 6671209929



For audio (midi): [cpeb-6w8-4w9-6w2-7w9-5w2-1w5.mid](#)

6w9-1w5-6w5-7w6-2w2-3w7  
 cpeb::6w9-10w14-24w23-34w33-38w38-48w52-:  
 Perm. No.: 5619586578



For audio (midi): [cpeb-6w9-1w5-6w5-7w6-2w2-3w7.mid](#)

7w1-1w1-8w1-4w8-2w6-1w6  
 cpeb::7w1-10w10-26w19-31w35-38w42-46w51-:  
 Perm. No.: 20145874750



For audio (midi): [cpeb-7w1-1w1-8w1-4w8-2w6-1w6.mid](#)

7w1-3w7-6w7-6w4-4w4-2w9  
 cpeb::7w1-12w16-24w25-33w31-40w40-47w54-:  
 Perm. No.: 11909675617



For audio (midi): [cpeb-7w1-3w7-6w7-6w4-4w4-2w9.mid](#)

7w1-4w5-9w6-8w7-3w6-5w4  
 cpeb::7w1-13w14-27w24-35w34-39w42-50w49-:  
 Perm. No.: 19993065523



For audio (midi): [cpeb-7w1-4w5-9w6-8w7-3w6-5w4.mid](#)

7w1-4w6-2w6-9w7-6w3-7w5  
 cpeb::7w1-13w15-20w24-36w34-42w39-52w50-:  
 Perm. No.: 9537633232



For audio (midi): [cpeb-7w1-4w6-2w6-9w7-6w3-7w5.mid](#)

7w1-8w7-3w8-2w8-4w5-4w9  
 cpeb::7w1-17w16-21w26-29w35-40w41-49w54-:  
 Perm. No.: 16989303679



For audio (midi): [cpeb-7w1-8w7-3w8-2w8-4w5-4w9.mid](#)

7w2-9w3-2w1-3w4-1w8-5w3  
 cpeb::7w2-18w12-20w19-30w31-37w44-50w48-:  
 Perm. No.: 25580087467



For audio (midi): [cpeb-7w2-9w3-2w1-3w4-1w8-5w3.mid](#)

7w3-2w9-9w1-3w9-1w9-8w5  
 cpeb::7w3-11w18-27w19-30w36-37w45-53w50-:  
 Perm. No.: 31033381219



For audio (midi): [cpeb-7w3-2w9-9w1-3w9-1w9-8w5.mid](#)

7w3-6w4-5w8-1w9-9w9-5w3  
 cpeb::7w3-15w13-23w26-28w36-45w45-50w48-:  
 Perm. No.: 31310667016



For audio (midi): [cpeb-7w3-6w4-5w8-1w9-9w9-5w3.mid](#)

7w3-7w5-2w4-1w7-3w6-2w7  
 cpeb::7w3-16w14-20w22-28w34-39w42-47w52-:  
 Perm. No.: 19907852173



For audio (midi): [cpeb-7w3-7w5-2w4-1w7-3w6-2w7.mid](#)

7w3-7w6-8w6-9w3-4w1-7w1  
 cpeb::7w3-16w15-26w24-36w30-40w37-52w46-:  
 Perm. No.: 1015432747



For audio (midi): [cpeb-7w3-7w6-8w6-9w3-4w1-7w1.mid](#)



7w3-9w4-7w3-3w8-5w2-3w3  
 cpeb::7w3-18w13-25w21-30w35-41w38-48w48-:  
 Perm. No.: 6300379420



For audio (midi): [cpeb-7w3-9w4-7w3-3w8-5w2-3w3.mid](#)

7w4-6w3-5w7-7w6-2w2-4w2  
 cpeb::7w4-15w12-23w25-34w33-38w38-49w47-:  
 Perm. No.: 5693515891



For audio (midi): [cpeb-7w4-6w3-5w7-7w6-2w2-4w2.mid](#)

7w4-8w3-3w3-3w4-4w9-9w5  
 cpeb::7w4-17w12-21w21-30w31-40w45-54w50-:  
 Perm. No.: 29154284143



For audio (midi): [cpeb-7w4-8w3-3w3-3w4-4w9-9w5.mid](#)

7w5-1w2-5w4-3w5-4w9-1w2  
 cpeb::7w5-10w11-23w22-30w32-40w45-46w47-:  
 Perm. No.: 29580027532



For audio (midi): [cpeb-7w5-1w2-5w4-3w5-4w9-1w2.mid](#)

7w5-4w7-7w1-2w2-5w2-7w5  
 cpeb::7w5-13w16-25w19-29w29-41w38-52w50-:  
 Perm. No.: 3905410255



For audio (midi): [cpeb-7w5-4w7-7w1-2w2-5w2-7w5.mid](#)

7w6-4w4-6w2-6w1-1w4-1w7  
 cpeb::7w6-13w13-24w20-33w28-37w40-46w52-:  
 Perm. No.: 10520410120



For audio (midi): [cpeb-7w6-4w4-6w2-6w1-1w4-1w7.mid](#)

7w7-3w2-8w7-4w8-1w2-5w9  
 cpeb::7w7-12w11-26w25-31w35-37w38-50w54-:  
 Perm. No.: 6465218740



For audio (midi): [cpeb-7w7-3w2-8w7-4w8-1w2-5w9.mid](#)

7w9-5w1-2w1-1w8-1w7-9w8  
 cpeb::7w9-14w10-20w19-28w35-37w43-54w53-:  
 Perm. No.: 23637373873



For audio (midi): [cpeb-7w9-5w1-2w1-1w8-1w7-9w8.mid](#)

8w1-1w4-6w1-5w9-5w1-9w1  
 cpeb::8w1-10w13-24w19-32w36-41w37-54w46-:  
 Perm. No.: 3114214784



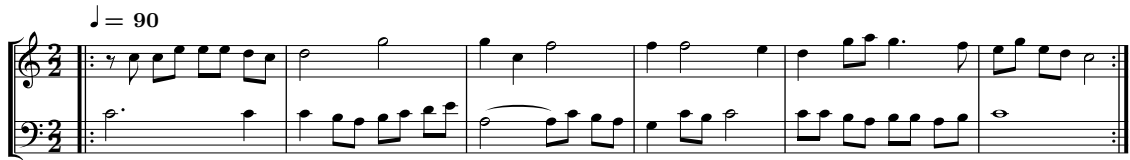
For audio (midi): [cpeb-8w1-1w4-6w1-5w9-5w1-9w1.mid](#)

8w1-8w8-2w2-9w3-2w3-5w4  
 cpeb::8w1-17w17-20w20-36w30-38w39-50w49-:  
 Perm. No.: 7825186025



For audio (midi): [cpeb-8w1-8w8-2w2-9w3-2w3-5w4.mid](#)

8w2-6w7-2w9-7w8-2w9-6w9  
 cpeb::8w2-15w16-20w27-34w35-38w45-51w54-:  
 Perm. No.: 30980127968



For audio (midi): [cpeb-8w2-6w7-2w9-7w8-2w9-6w9.mid](#)

8w2-8w4-8w1-6w3-8w6-6w9  
 cpeb::8w2-17w13-26w19-33w30-44w42-51w54-:  
 Perm. No.: 18223988786



For audio (midi): [cpeb-8w2-8w4-8w1-6w3-8w6-6w9.mid](#)

8w3-2w9-3w2-4w2-1w9-3w4  
 cpeb::8w3-11w18-21w20-31w29-37w45-48w49-:  
 Perm. No.: 28364189516



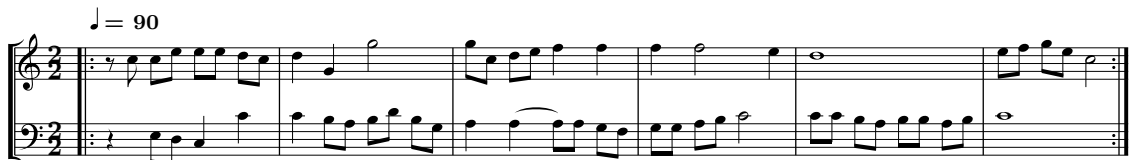
For audio (midi): [cpeb-8w3-2w9-3w2-4w2-1w9-3w4.mid](#)

8w5-6w8-4w5-3w3-7w9-6w3  
 cpeb::8w5-15w17-22w23-30w30-43w45-51w48-:  
 Perm. No.: 28877245982



For audio (midi): [cpeb-8w5-6w8-4w5-3w3-7w9-6w3.mid](#)

8w6-1w4-3w7-7w4-4w9-5w9  
 cpeb::8w6-10w13-21w25-34w31-40w45-50w54-:  
 Perm. No.: 29332083536



For audio (midi): [cpeb-8w6-1w4-3w7-7w4-4w9-5w9.mid](#)

8w6-4w1-8w4-3w4-2w8-5w3  
 cpeb::8w6-13w10-26w22-30w31-38w44-50w48-:  
 Perm. No.: 25701794459



For audio (midi): [cpeb-8w6-4w1-8w4-3w4-2w8-5w3.mid](#)

8w7-5w2-5w1-1w8-4w1-7w6  
 cpeb::8w7-14w11-23w19-28w35-40w37-52w51-:  
 Perm. No.: 2720289383



For audio (midi): [cpeb-8w7-5w2-5w1-1w8-4w1-7w6.mid](#)

8w7-7w3-3w4-5w9-9w5-2w6  
 cpeb::8w7-16w12-21w22-32w36-45w41-47w51-:  
 Perm. No.: 17188510940



For audio (midi): [cpeb-8w7-7w3-3w4-5w9-9w5-2w6.mid](#)

8w9-8w9-7w1-2w8-5w5-6w8  
 cpeb::8w9-17w18-25w19-29w35-41w41-51w53-:  
 Perm. No.: 16701919082



For audio (midi): [cpeb-8w9-8w9-7w1-2w8-5w5-6w8.mid](#)

9w1-8w6-1w2-9w3-2w2-9w1  
 cpeb::9w1-17w15-19w20-36w30-38w38-54w46-:  
 Perm. No.: 4329071802



For audio (midi): [cpeb-9w1-8w6-1w2-9w3-2w2-9w1.mid](#)

9w2-5w9-2w5-5w7-8w7-1w6  
 cpeb::9w2-14w18-20w23-32w34-44w43-46w51-:  
 Perm. No.: 23456260386



For audio (midi): [cpeb-9w2-5w9-2w5-5w7-8w7-1w6.mid](#)

9w2-6w7-8w1-4w6-2w4-3w2  
 cpeb::9w2-15w16-26w19-31w33-38w40-48w47-:  
 Perm. No.: 12426812370



For audio (midi): [cpeb-9w2-6w7-8w1-4w6-2w4-3w2.mid](#)

9w2-6w8-9w1-1w7-4w5-8w1  
 cpeb::9w2-15w17-27w19-28w34-40w41-53w46-:  
 Perm. No.: 16306106490



For audio (midi): [cpeb-9w2-6w8-9w1-1w7-4w5-8w1.mid](#)

9w2-8w1-7w2-6w7-2w7-3w2  
 cpeb::9w2-17w10-25w20-33w34-38w43-48w47-:  
 Perm. No.: 23288936364



For audio (midi): [cpeb-9w2-8w1-7w2-6w7-2w7-3w2.mid](#)

9w2-8w2-7w3-3w2-8w5-9w9  
 cpeb::9w2-17w11-25w21-30w29-44w41-54w54-:  
 Perm. No.: 14426486280



For audio (midi): [cpeb-9w2-8w2-7w3-3w2-8w5-9w9.mid](#)

9w3-8w3-3w1-4w4-8w3-8w6  
 cpeb::9w3-17w12-21w19-31w31-44w39-53w51-:  
 Perm. No.: 8146920780



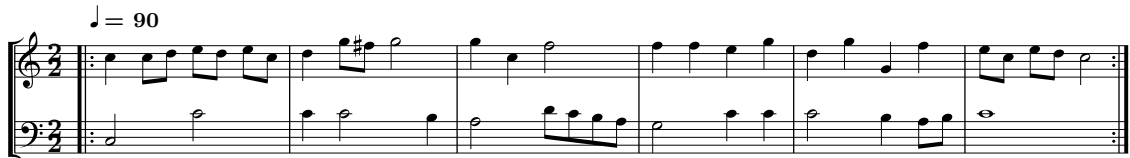
For audio (midi): [cpeb-9w3-8w3-3w1-4w4-8w3-8w6.mid](#)

9w3-9w6-2w6-5w2-8w9-4w2  
 cpeb::9w3-18w15-20w24-32w29-44w45-49w47-:  
 Perm. No.: 28522133181



For audio (midi): [cpeb-9w3-9w6-2w6-5w2-8w9-4w2.mid](#)

9w4-5w5-2w1-8w2-8w8-7w6  
 cpeb::9w4-14w14-20w19-35w29-44w44-52w51-:  
 Perm. No.: 24816042945



For audio (midi): [cpeb-9w4-5w5-2w1-8w2-8w8-7w6.mid](#)

9w5-5w7-5w4-9w2-6w9-8w8  
 cpeb::9w5-14w16-23w22-36w29-42w45-53w53-:  
 Perm. No.: 28442111787



For audio (midi): [cpeb-9w5-5w7-5w4-9w2-6w9-8w8.mid](#)

9w7-6w6-8w7-6w3-2w2-5w3  
 cpeb::9w7-15w15-26w25-33w30-38w38-50w48-:  
 Perm. No.: 4547256219



For audio (midi): [cpeb-9w7-6w6-8w7-6w3-2w2-5w3.mid](#)

9w8-3w1-7w3-4w4-1w2-7w3  
 cpeb::9w8-12w10-25w21-31w31-37w38-52w48-:  
 Perm. No.: 4739216391



## 6 License

This work by I Am The Author, based on work of J.L.A. Uro at <https://github.com/justineuro/mdgBookSVG2Kit>, is licensed under a Creative Commons Public Domain International License.

## References

Ivars Peterson. Mozart's Melody Machine, 2001. URL <https://www.sciencenews.org/article/mozarts-melody-machine-0>. Retrieved Tuesday, 08 August, 2017 11:36:00 AM +08. 5

Wikipedia: *Musikalisches Würfelspiel*. Wikipedia, The Free Encyclopedia, 2017. URL [https://en.wikipedia.org/w/index.php?title=Musikalisches\\_W%C3%BCrfelspiel&oldid=787418377](https://en.wikipedia.org/w/index.php?title=Musikalisches_W%C3%BCrfelspiel&oldid=787418377). Retrieved Tuesday, 08 August, 2017 12:56:17 AM +08. 5