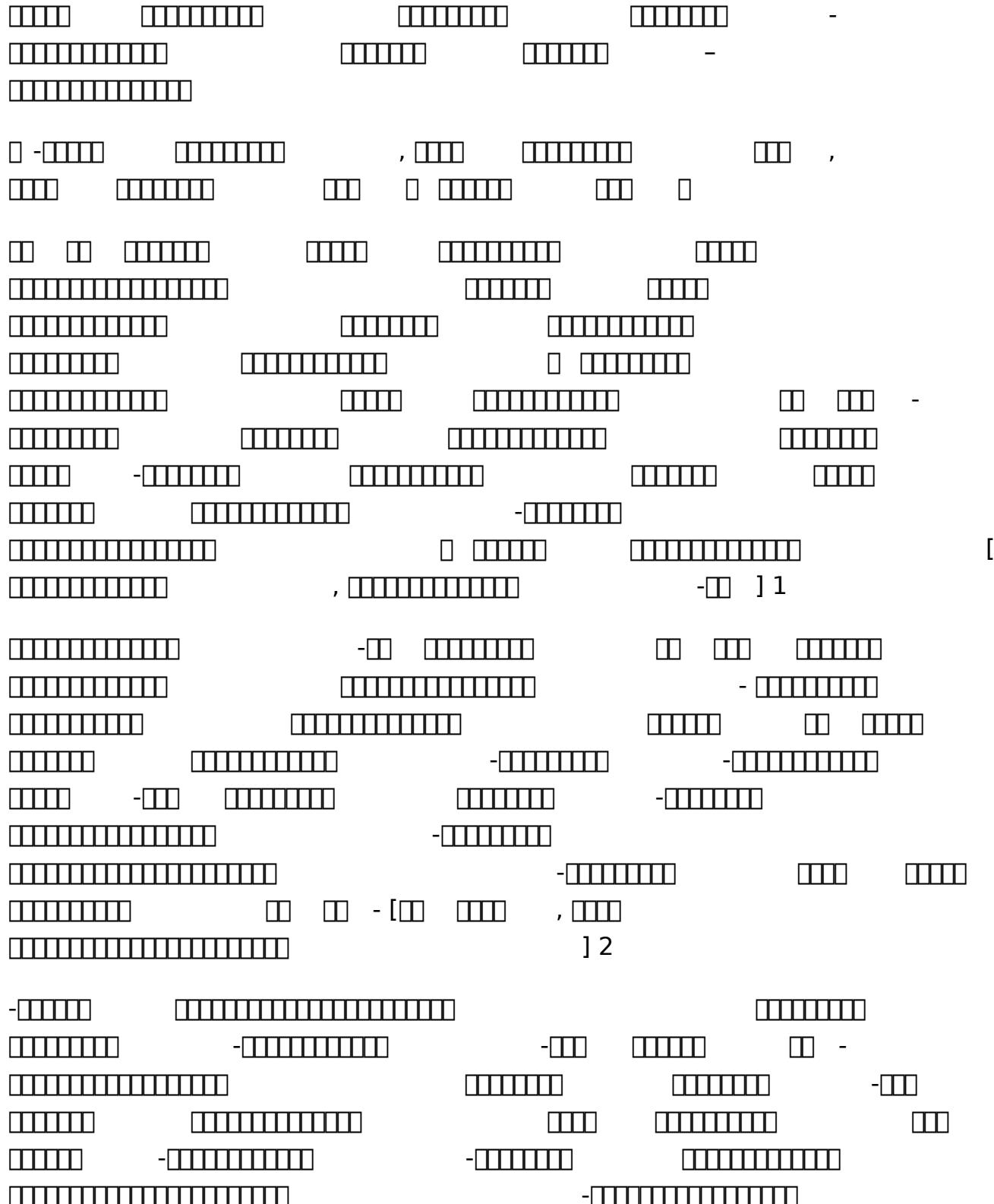


Amritanilayam Stotras

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The diagram consists of a grid of rectangles arranged in a path. The path starts at the top-left corner and ends at the bottom-right corner. It passes through several obstacles represented by groups of rectangles. The path is indicated by a sequence of small squares placed along the route. The obstacles are represented by groups of rectangles, some of which are partially shaded.

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The image shows a series of binary code blocks arranged in rows. Each block consists of a sequence of vertical bars of varying heights, representing binary digits (bits). The blocks are separated by short horizontal dashes. The lengths of the blocks vary, with some being as short as four bits and others as long as 16 bits. The overall pattern is a repeating sequence of these binary patterns.

The diagram illustrates the addition of 100 to various starting numbers using base ten blocks. The starting numbers are represented by horizontal stacks of blocks:

- 100 + 100 = 200
- 100 + 190 = 290
- 100 + 180 = 280
- 100 + 170 = 270
- 100 + 160 = 260
- 100 + 150 = 250
- 100 + 140 = 240
- 100 + 130 = 230
- 100 + 120 = 220
- 100 + 110 = 210
- 100 + 100 = 200

The result of each addition is shown as a horizontal stack of blocks, with the tens column highlighted in red.

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The diagram illustrates a sequence of binary strings and their differences. The strings are shown as horizontal bars of varying lengths. Differences between consecutive strings are indicated by a minus sign followed by the difference string. The sequence starts with a single bar, followed by a two-bar difference, then a three-bar difference, and so on. The final string is enclosed in brackets.

119

The diagram illustrates three sets of binary numbers represented by horizontal bars:

- Set 1: 10 bars (representing 1010₂) minus 5 bars (representing 101₂) equals 5 bars (representing 101₂).
- Set 2: 9 bars (representing 1001₂) minus 6 bars (representing 110₂) equals 3 bars (representing 11₂).
- Set 3: 8 bars (representing 1000₂) minus 4 bars (representing 100₂) equals 4 bars (representing 100₂).

Figure 1. The three types of horizontal patterns used in the study.

The diagram illustrates a sequence of binary strings and their operations. The strings are represented as horizontal bars of varying lengths. The operations shown are:

- Concatenation: Indicated by a plus sign (+) between two strings.
- Subtraction: Indicated by a minus sign (-) followed by a string.
- A special operation: Indicated by a bracketed minus sign [-] followed by a string.

The sequence of strings follows a repeating pattern:

- Iteration 1: A string of length 10 + a string of length 10 (total 20).
- Iteration 2: A string of length 10 + a string of length 10 + a string of length 10 (total 30).
- Iteration 3: A string of length 10 + a string of length 10 + a string of length 10 + a string of length 10 (total 40).
- Iteration 4: A string of length 10 + a string of length 10 (total 50).
- Iteration 5: A string of length 10 + a string of length 10 (total 60).
- Iteration 6: A string of length 10 + a string of length 10 (total 70).
- Iteration 7: A string of length 10 + a string of length 10 (total 80).
- Iteration 8: A string of length 10 + a string of length 10 (total 90).
- Iteration 9: A string of length 10 + a string of length 10 (total 100).
- Final Iteration: A string of length 10, followed by a comma (,), and then a string of length 10.

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The diagram illustrates several binary arithmetic operations:

- A horizontal row of 16 squares representing the number 1111111111111111.
- Three groups of 5 squares each, representing the numbers 11111, 11111, and 11111.
- A vertical column of 5 squares representing the number 11111.
- An operation $-$ followed by a horizontal row of 16 squares representing the number 1111111111111111.
- An operation $[$ followed by a horizontal row of 10 squares representing the number 1111111111.
- A final square representing the number 1.

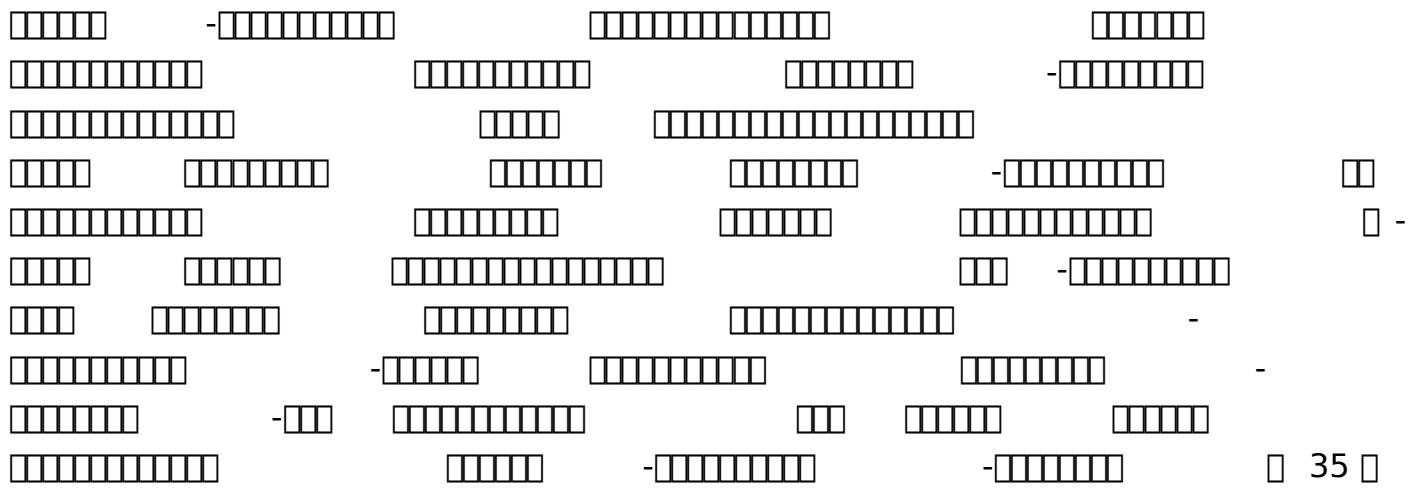
The image shows a series of binary patterns (represented by vertical columns of squares) and labels in Japanese. The labels include '二進法' (Binary), '十進法' (Decimal), '十六進法' (Hexadecimal), and '八進法' (Octal). There are also labels for '十の位' (Tens place), '百の位' (Hundreds place), '千の位' (Thousands place), and '万の位' (Ten thousands place). The patterns themselves consist of vertical columns of squares, some filled and some empty, representing different numerical values or states.

31

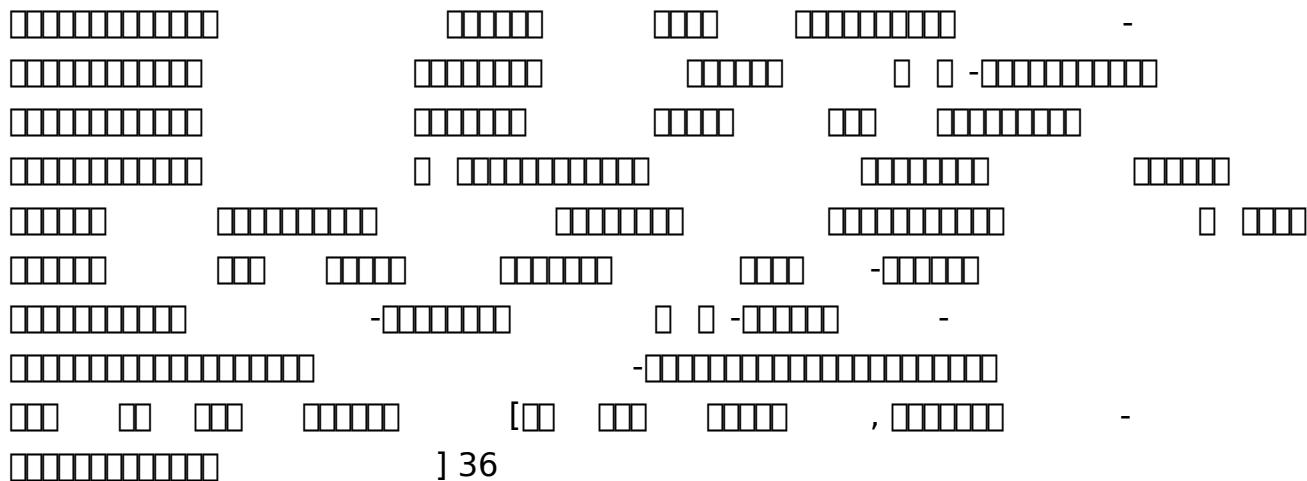
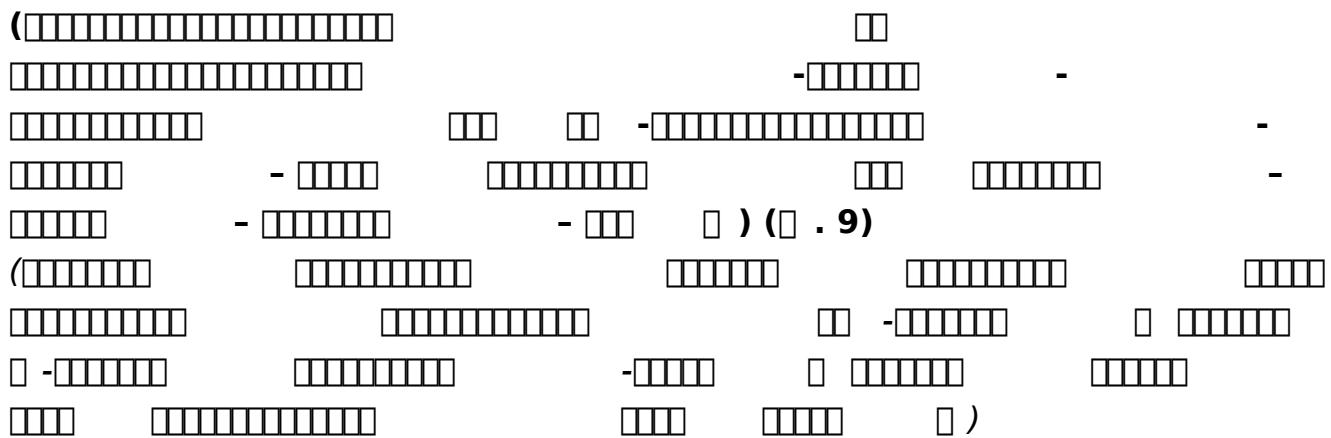
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The diagram shows a sequence of binary strings, likely representing a computation graph or a state transition sequence. The strings are arranged in rows, with some rows being longer than others. Some strings contain gaps or specific patterns like '---' or '----'. The strings are composed of vertical bars of varying heights.

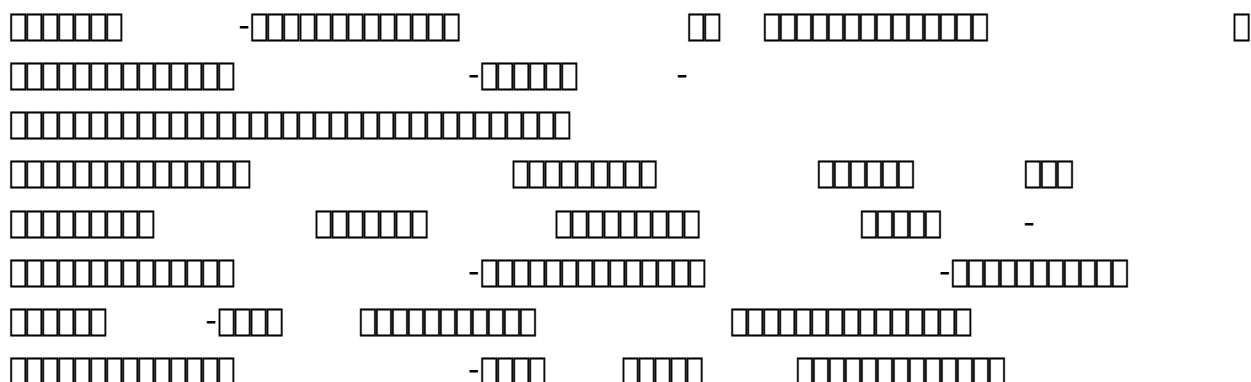
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The diagram illustrates a sequence of binary strings (horizontal bars) and their interactions. The strings are composed of vertical bars of varying heights, representing binary digits (1s and 0s). The sequence shows various operations, likely subtraction, indicated by the minus sign (-) preceding certain terms. The strings are arranged in several rows, with some terms being grouped together by brackets.

141

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The image displays a grid of Chinese characters and symbols, primarily consisting of square and rectangular boxes of different sizes. These characters are arranged in several horizontal rows. Some characters are single squares, while others are larger rectangles or groups of smaller squares. There are also some square characters with internal horizontal lines. The overall pattern is somewhat abstract and resembles a digital font or a specific character set.

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