



The image displays a 15x15 grid of black dots on a white background. The dots are arranged in a pattern that suggests a banded structure, with higher density along the main diagonal and some off-diagonal elements, particularly in the lower half of the matrix. The overall appearance is that of a sparse matrix visualization, where each dot represents a non-zero entry in a 15x15 matrix.

The image shows four distinct dot patterns arranged horizontally. The first pattern consists of 4 dots arranged in a square. The second pattern consists of 6 dots arranged in two rows of three. The third pattern consists of 9 dots arranged in a 3x3 grid. The fourth pattern consists of 16 dots arranged in a 4x4 grid.

The image displays a 10x10 grid of 100 small dot patterns. Each pattern is a unique visual representation of a 10-bit binary string. The patterns are arranged in rows and columns, with each row containing 10 patterns and each column containing 10 patterns. The patterns are generated by a random process, resulting in a diverse set of visual representations for each 10-bit binary string. The patterns are arranged in a grid where each row and column contains 10 patterns, totaling 100 patterns. The patterns are generated by a random process, resulting in a diverse set of visual representations for each 10-bit binary string.

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