



The image displays a 100x100 grid of black dots on a white background. The dots are arranged in a sparse, structured pattern, characteristic of a matrix representation. The distribution of dots is not uniform; it shows a higher density along the main diagonal and some off-diagonal elements, particularly in the lower-left and upper-right quadrants, suggesting a banded or block-like structure. The overall pattern is symmetric about the main diagonal, with some additional structure in the off-diagonal bands.





A large grid of 100 rows and 100 columns of black dots on a white background. The dots are arranged in a sparse, irregular pattern, with some rows having more dots than others. The dots are small and black, and the background is white. The pattern is dense in some areas and sparse in others, creating a complex, abstract visual structure.

A 3x3 grid of dots. The top row has two dots, the middle row has two dots, and the bottom row has two dots. The dot in the top-right position is missing.





A 4x10 grid of 40 small clusters of black dots. Each cluster represents a unique pattern of dots, ranging from simple groups of 2-4 dots to more complex arrangements of up to 12 dots. The patterns are distributed across the grid, with some appearing multiple times and others being unique.

A 3x10 grid of 30 small clusters of black dots. Each cluster is composed of 3 to 10 dots arranged in various patterns, including lines, squares, and irregular shapes. The patterns are unique to each cluster, creating a diverse set of abstract visual elements.

A 3x10 grid of dots representing a sparse matrix. The dots are arranged in a pattern that suggests a banded structure with some off-diagonal elements.





The image displays a 100x100 grid of black dots on a white background. The dots are arranged in a sparse, irregular pattern, suggesting a complex, non-random structure. The pattern is dense in some areas and sparse in others, with a general trend of increasing density towards the right side of the grid. The dots are arranged in a way that suggests a complex, non-random structure, possibly representing a network or a specific data set. The pattern is dense in some areas and sparse in others, with a general trend of increasing density towards the right side of the grid.

A 3x10 grid of 30 small clusters of black dots, each forming a different abstract pattern. The patterns vary in complexity, from simple vertical or horizontal lines to more intricate, interconnected shapes.

Figure 1 displays a 2x12 grid of dot patterns representing the digits 0-9 and 10-19. The top row shows digits 0-9, and the bottom row shows digits 10-19. Each digit is represented by a unique arrangement of black dots on a white background.