



The image displays a 100x100 grid of dots, representing a sparse matrix. The dots are arranged in a pattern that suggests a banded structure, with higher density of dots along the main diagonal and some off-diagonal elements, typical of a sparse matrix representation.

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The image displays a 10x10 grid of 100 small dot patterns. Each pattern is a unique combination of 10 binary digits (0s and 1s). The patterns are arranged in a grid where the first column represents the first digit, the second column the second digit, and so on, up to the tenth column representing the tenth digit. Each row represents a unique 10-bit binary number from 0000000000 to 1000000000.

A 3x3 grid of dots forming a triangle. The top row has 3 dots, the middle row has 2 dots, and the bottom row has 1 dot.



[illegible]

A 3x3 grid of dots. The top row has three dots. The middle row has two dots, with the rightmost position empty. The bottom row has two dots, with the rightmost position empty.