

The image displays a 4x10 grid of 40 small, abstract black-and-white patterns. Each pattern is a unique arrangement of black dots on a white background, forming shapes that loosely correspond to the letters of the alphabet. The patterns are organized into four rows and ten columns. The first row contains 10 patterns, the second row contains 10, the third row contains 10, and the fourth row contains 10. The patterns are highly stylized and vary significantly in their dot configurations, but they all share a common aesthetic of being minimalist and geometric.

The figure displays 12 dot patterns arranged in a 3x4 grid. Each pattern is a collection of black dots on a white background, designed to be recognized by a machine. The patterns are as follows:

- Row 1:
 - Pattern 1: A cluster of dots forming a shape similar to 'A'.
 - Pattern 2: A cluster of dots forming a shape similar to 'B'.
 - Pattern 3: A cluster of dots forming a shape similar to 'C'.
 - Pattern 4: A cluster of dots forming a shape similar to 'D'.
- Row 2:
 - Pattern 5: A cluster of dots forming a shape similar to 'E'.
 - Pattern 6: A cluster of dots forming a shape similar to 'F'.
 - Pattern 7: A cluster of dots forming a shape similar to 'G'.
 - Pattern 8: A cluster of dots forming a shape similar to 'H'.
- Row 3:
 - Pattern 9: A cluster of dots forming a shape similar to 'I'.
 - Pattern 10: A cluster of dots forming a shape similar to 'J'.
 - Pattern 11: A cluster of dots forming a shape similar to 'K'.
 - Pattern 12: A cluster of dots forming a shape similar to 'L'.

The image displays a 7x10 grid of 70 small dot patterns. Each pattern is a 7-dot grid, where the dots are arranged in 7 rows and 10 columns. The patterns represent all possible combinations of dots being present or absent in the 7-dot grid, totaling 2^7 = 128 possible patterns. The patterns are arranged in 7 rows and 10 columns, with the first row containing 10 patterns, the second row containing 10 patterns, and so on, up to the seventh row containing 10 patterns. The patterns are arranged in a way that shows the relationship between the dots in the 7-dot grid and the patterns in the 7x10 grid.

