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The diagram illustrates the construction of a 100-bit message from 10 blocks of 10 bits each. The blocks are arranged in a grid, and the message is formed by concatenating them in a specific order. The message is shown as a long horizontal bar at the bottom, composed of 100 small squares representing bits. The blocks are labeled with their bit positions: 1-10, 11-20, 21-30, 31-40, 41-50, 51-60, 61-70, 71-80, 81-90, and 91-100.
















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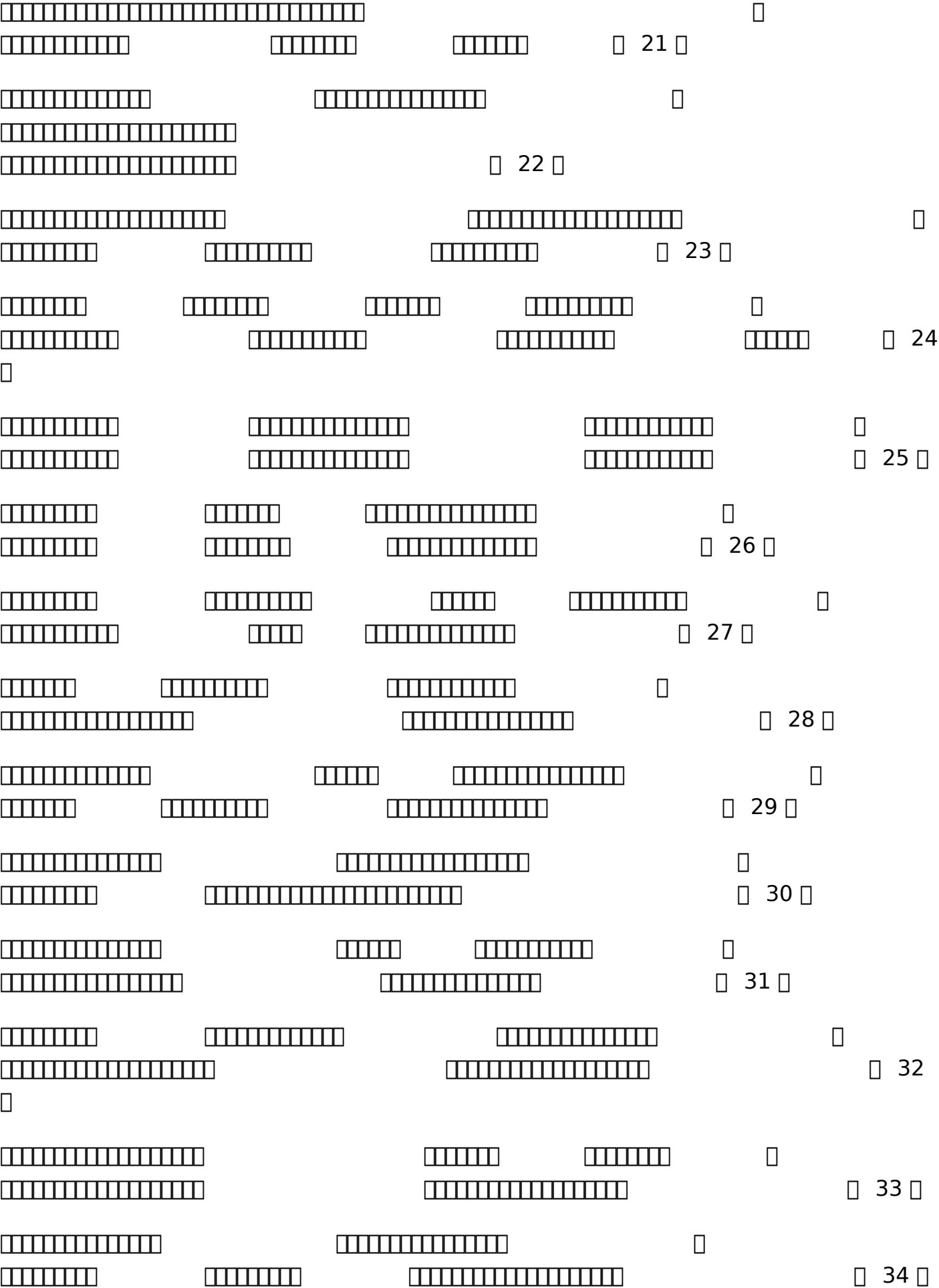


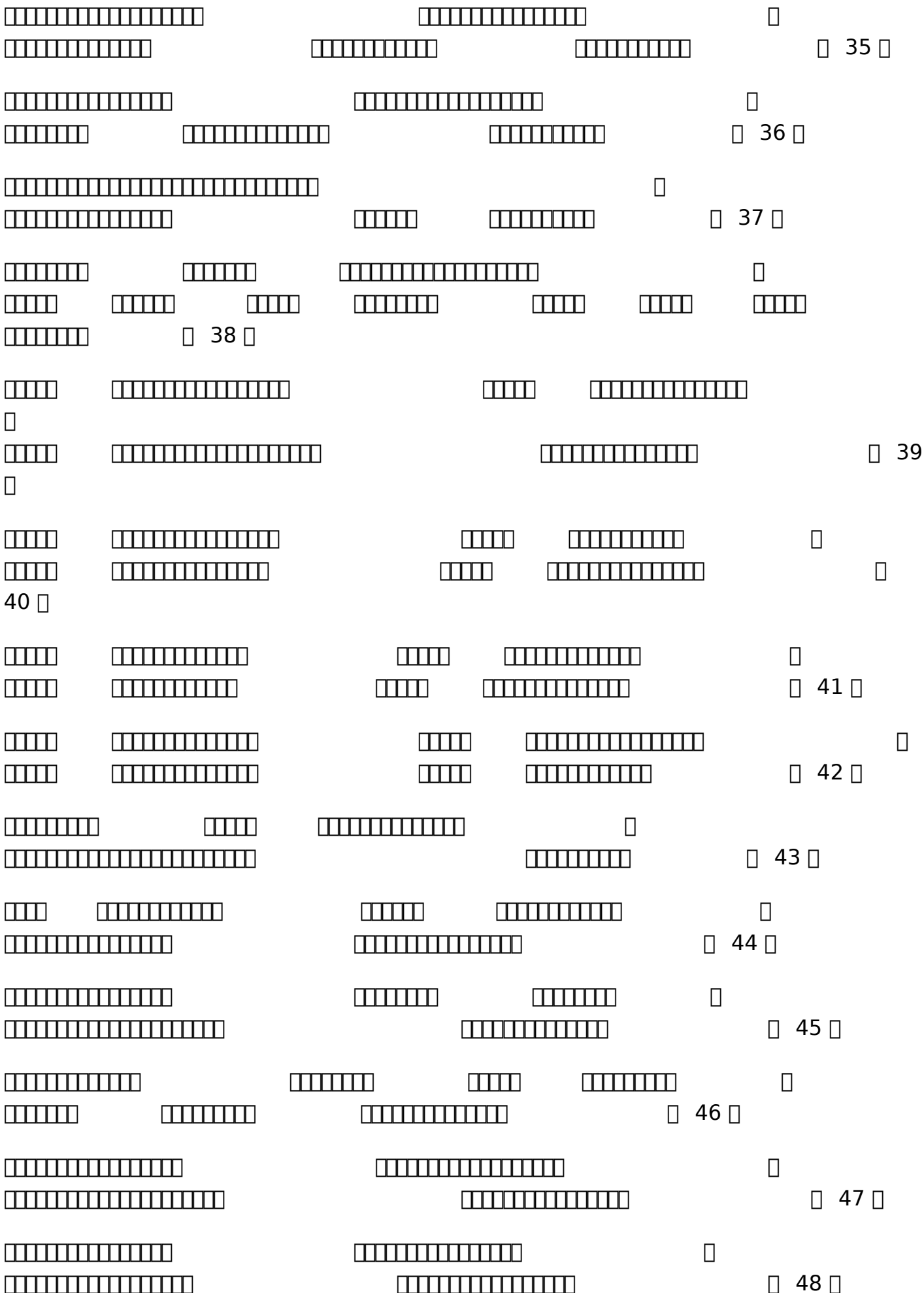

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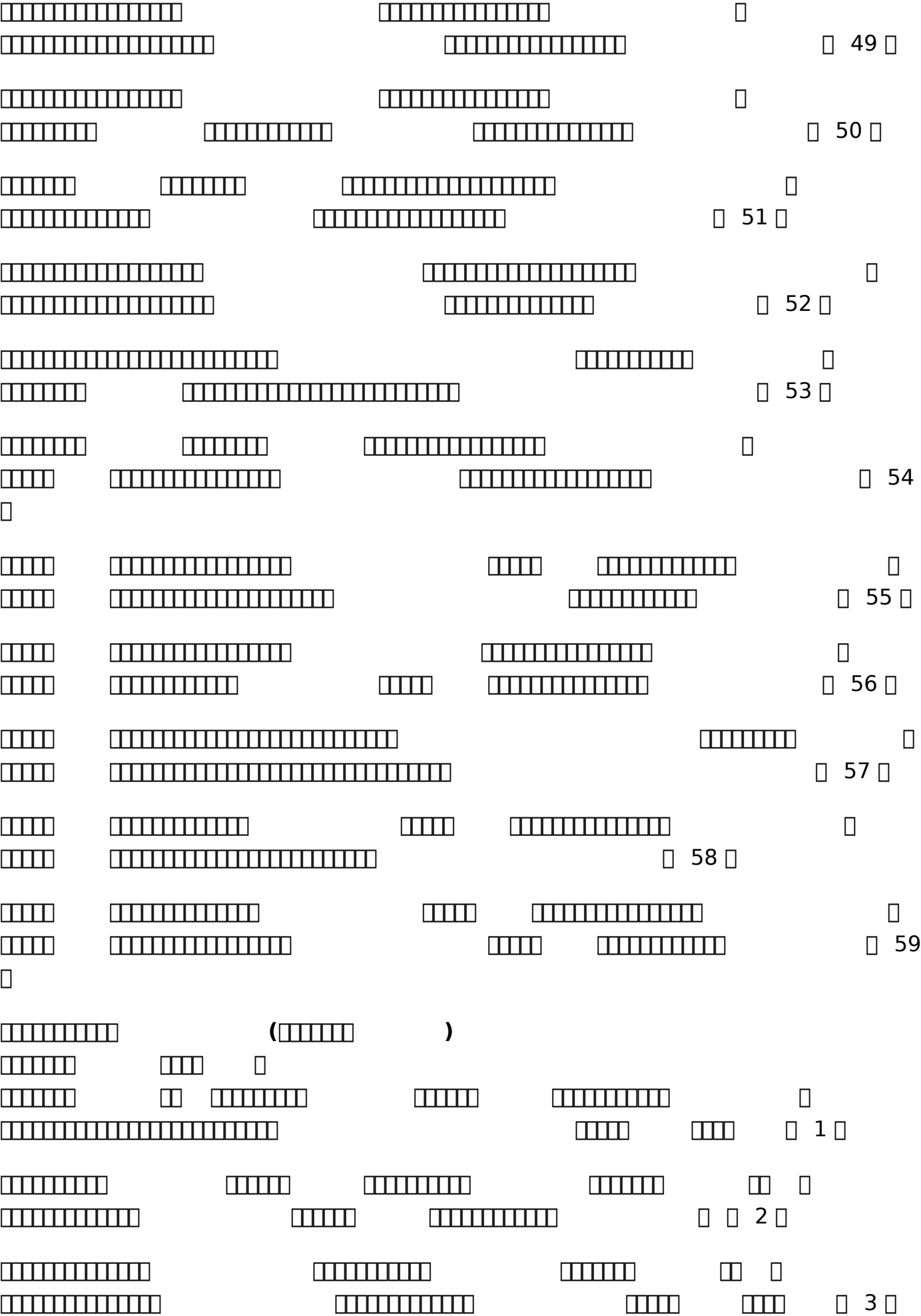
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The diagram illustrates a sequence of 20 rows, each containing one or more rectangular blocks. The rows are numbered 1 through 20 on the right side. The blocks are arranged in a way that suggests a sequence or flow, with some rows having multiple blocks and others having a single block. The blocks are connected by lines, indicating a relationship or transition between them.

- Row 1: A single block.
- Row 2: A single block.
- Row 3: A single block.
- Row 4: A single block.
- Row 5: A single block.
- Row 6: A single block.
- Row 7: A single block.
- Row 8: A single block.
- Row 9: A single block.
- Row 10: A single block.
- Row 11: A single block.
- Row 12: A single block.
- Row 13: A single block.
- Row 14: A single block.
- Row 15: A single block.
- Row 16: A single block.
- Row 17: A single block.
- Row 18: A single block.
- Row 19: A single block.
- Row 20: A single block.







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Figure 1 illustrates the evolution of a 1D lattice system over 27 time steps. The lattice size increases from 16 sites at time step 1 to 27 sites at time step 27. The diagram shows the movement of particles (black dots) and the formation of a shock front, where the density of particles increases sharply. The lattice is divided into two regions: a low-density region (left) and a high-density region (right). The shock front moves from left to right, and the high-density region expands as the system evolves.























































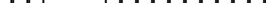








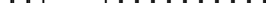




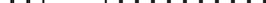
























































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The image displays a 10x10 grid of 100 small squares, each containing a number. The numbers are arranged in a pattern that resembles a multiplication table, with the numbers 1 through 100 appearing in a specific sequence across the rows and columns. The numbers are arranged in a pattern that resembles a multiplication table, with the numbers 1 through 100 appearing in a specific sequence across the rows and columns.