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| **№**  **циклу** | ***RG*3** | | ***RG*2** | | ***RG*1** | | **Мікро-операція** |
|  | 1 | 11111 | 0 | 1101100000 | 0 | 1010000000 |
| 1 | 1 | 11111 | 0  1  0 | 1101100000  0110000000  0011100000 | 0 | 0101000000 | -Y  Зсув |
| 2 | 1  1 | 11111  11110 | 0  1  1 | 0011100000  1011000000  1110100000 | 0  0 | 0101000000  0010100000 | -Y |
| 3 | 1  1 | 11110  11101 | 1  0  0 | 1110100000  0010100000  0001000000 | 0  0 | 0010100000  0001010000 | +Y  Зсув |
| 4 | 1  1 | 11101  11010 | 0  1  1 | 0001000000  1110110000  1111110000 | 0  0 | 0001010000  0000101000 | -Y  Зсув |
| 5 | 1  1 | 11010  10101 | 1  0  0 | 1111110000  0000101000  0000011000 | 0  0 | 0000101000  0000010100 | +y  Зсув |
|  | 1  1 | 10101  01011 | 0  1  0 | 0000011000  1111101100  0000000100 | 0  0 | 0000010100  0000001010 | -Y  Зсув |
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| **№**  **циклу** | ***RG*3** | | ***RG*2** | | ***RG*1** | | **Мікро-операція** |
|  | 1 | 11111 | 0 | 0011100000 | 0 | 1010000000 |
| 1 | 1 | 11110 | 0  1  1 | 0011100000  0110000000  1001100000 | 0 | 0101000000 | -Y  Зсув |
| 2 | 1  1 | 11110  11100 | 1  0  1 | 1001100000  0101000000  1110100000 | 0  0 | 0101000000  0010100000 | +Y |
| 3 | 1  1 | 11100  11001 | 1  0  0 | 1110100000  0010100000  0001000000 | 0  0 | 0010100000  0001010000 | +Y  Зсув |
| 4 | 1  1 | 11001  10010 | 0  1  1 | 0001000000  1110110000  1111110000 | 0  0 | 0001010000  0000101000 | -Y  Зсув |
| 5 | 1  1 | 10010  00101 | 1  0  0 | 1111110000  0000101000  0000011000 | 0  0 | 0000101000  0000010100 | +y  Зсув |
|  | 1  0 | 00101  01011 | 0  1  0 | 0000011000  1111101100  0000000100 | 0  0 | 0000010100  0000001010 | -Y  Зсув |
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| **№**  **циклу** | ***RG*3** | | ***RG*2** | | ***RG*1** | | **Мікро-операція** |
|  | 1 | 11111 | 0 | 1010000000 | 0 | 1101100000 |
| 1 | 1 | 11110 | 0  1  1 | 1010000000  0010100000  1100100000 | 0 | 0110110000 | -Y  Зсув |
| 2 | 1  1 | 11110  11101 | 1  0  0 | 1100100000  0110110000  0011010000 | 0  0 | 0110110000  0011011000 | +Y |
| 3 | 1  1 | 11101  11010 | 0  1  1 | 0011010000  1100101000  1111111000 | 0  0 | 0011011000  0001101100 | -Y |
| 4 | 1  1 | 11010  10101 | 1  0  0 | 1111111000  0001101100  0001100100 | 0  0 | 0001101100  0000110110 | +Y |
| 5 | 1  1 | 10101  01011 | 0  1  0 | 0001100100  1111001010  0000101110 | 0  0 | 0000110110  0000011011 | -Y |
| 6 | 1  0 | 01011  10111 | 0  1  0 | 0000101110  1111100101  0000010011 | 0  0 | 0000011011  0000001101 | -Y |
|  |  |  |  |  |  |  |  |