

The heatmap displays the Hamming distance between pairs of 4-bit Gray code words. The sequence of words is 0000, 0001, 0011, and 0010. The color scale represents the Hamming distance, with white for 0, light gray for 1, and dark gray for 2. The matrix is symmetric, reflecting the property that the distance between two words is the same regardless of the order.

| | 0000 | 0001 | 0011 | 0010 |
|------|------|------|------|------|
| 0000 | 0 | 1 | 2 | 2 |
| 0001 | 1 | 0 | 1 | 2 |
| 0011 | 2 | 1 | 0 | 1 |
| 0010 | 2 | 2 | 1 | 0 |

