

Diagram illustrating a 4x4 Karnaugh map for variables X , Y , Z , and A .

The map is labeled with X (vertical axis) and Y (horizontal axis). The vertical axis is also labeled B and C . The horizontal axis is also labeled D and E .

The map shows the following values:

	ED 00	01	11	10
CB 00	1	1	1	1
01	1	1	1	1
11	0	0	0	0
10	1	1	1	1

Groupings are indicated by colored lines:

- Green line (top row): $0000, 0100, 1100, 1000$
- Orange line (second row): $0001, 0101, 1101, 1001$
- Green line (bottom row): $0010, 0110, 1110, 1010$

$$A = 0 / \underline{\overline{B}} + \underline{\overline{C}}$$