Samples of Karnaugh–Veitch Maps

```
let x = -1
karnaugh(("AB", "CD"),  // Labels in string
  implicants: (
    // (x, y, length/width, optional height)
    (1, 1, 2),
    (2, 0, 2)
  ),
  (
    // Any number that is neither 0 or 1 will
    // be treated as don't-care.
    (0, 0, 0, x),
    (0, 1, x, 0),
    (1, 1, 1, 0),
    (x, 1, 0, x),
  )
)
```


Fig. 1. Map of an incompletely specified function

```
karnaugh(("C", "AB"),
  implicants: (
    (0, 1, 1, 2),
    (1, 2, 2, 1),
  ),
  (
    (0, 1, 0, 0),
    (0, 1, 1, 1),
  ),
  // Allow zero to appear
  show-zero: true
)
```


Fig. 2. Zeros are not ignored

```
karnaugh(
  (
    // Labels in math mode
    ($I_2$,), ($I_1$, $I_0$)
  ),
  implicants: (
    // `(0, 3, 2)` moves outside the frame
    // but will come back
    (0, 3, 2),
    (1, 0, 4, 1),
  ),
  (
    (1, 0, 0, 1),
    (1, 1, 1, 1),
  )
)
```
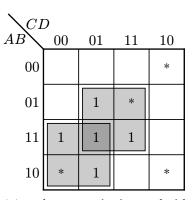

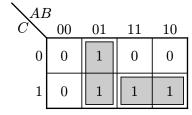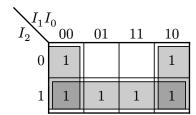Fig. 3. Crossing implicant