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|--|------|------|-----|----|-----|---|
| | Х | C'D' | C'D | CD | CD' | |
| | A'B' | 0 | 0 | 0 | 1 | |
| | A'B | 0 | 1 | 1 | 0 | |
| | AB | 0 | 1 | 1 | 0 | |
| • Note: | AB' | 0 | 0 | 1 | 0 | |
| » 1. When a variable appears in both complemented and uncomplemented form within a loop, that variable is eliminated from the expression. » 2. Variables that are the same for all squares of | | | | | | |
| the loop must appear in the final expression. | | | | | | |
| » 3. K map theoretically can be used for any number of input variables—practically limited to 5 or 6 variables. | | | | | | |
| Introduction to Information Science and Technology (Electronics) ShanghaiTech University | | | | | | |



