

2 Methods of Translating Boolean Expressions

1. Principle means of encoding boolean expressions
 - (a) Represent the states of boolean expressions numerically
 - i. Operations become a form of boolean mathematics which inherent to the intermediate machine.
 - ii. The logical operators \wedge , \vee and \neg (and, or, and not) can be represented by branching statements.
 - iii. The logical operators can also be represented as actual quad operations.
 - (b) Flow control representation: The method identify the boolean state by position in the program.
2. Optimizations in the flow control and numerical evaluation can be made in cases where by the outcome is determined with out evaluating the full condition.