

Boolean Lopic The Feundations: Legic and Proofs
Part 1 Propositional Legic H propositions is a declarative sentence that is either · Répation Propositions: · Conjuction · Disconjuction · Implication · Biocon Sifiemal Meastien - Ompugaeure : Unery/single variable)
The regition of proposition p is Lenoted by -p. Conjunction - Coequereue (And operator)

The conjunction of propositions p and q is denoted by

P 1 - read p and q

Table

Conjunction not unary they are binory.

P 2 P19

They take 2 variables. TTT in+x=5; 11000... 107 -> 5 TIFIF int y=3; //000.... 011 = 3 int res = x & y; 1000 001 -> 1



