|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Spoken | Term | Unicode | Sym |  | Binary |  |  |
|  | Falsehood; constant 0 | Contradiction | U+22A5 | ⊥ | False | 0000 |  | https://en.wikipedia.org/wiki/Contradiction |
|  | and | Conjunction | U+227 | ∧ | A AND B | 0001 |  | https://en.wikipedia.org/wiki/Logical\_conjunction |
|  | but not; difference | Nonimplication; material nonimplication | U+219b | ↛ | A NOT B | 0010 |  | https://en.wikipedia.org/wiki/Material\_nonimplication |
|  |  | Left projection |  |  | A | 0011 |  | None |
|  | not … but | Converse nonimplication | U+219a | ↚ | B NOT A | 0100 |  | https://en.wikipedia.org/wiki/Converse\_nonimplication |
|  |  | Right projection |  |  | B | 0101 |  | None |
|  |  | Exclusive disjunction; nonequivalence | U+2295 | ⊕ | A XOR B | 0110 |  | https://en.wikipedia.org/wiki/Exclusive\_or |
|  | Or; and/or | (Inclusive) disjunction | U+2228 | ∨ | A OR B | 0111 |  | https://en.wikipedia.org/wiki/Logical\_disjunction |
|  | neither … nor | Nondisjunction; joint denial | U+22BD | ⊽ | A NOR B | 1000 |  | https://en.wikipedia.org/wiki/Logical\_NOR |
|  | if and only if | Equivalence | U+2261 | ≡ | A XNOR B | 1001 |  | https://en.wikipedia.org/wiki/Logical\_biconditional |
|  |  | Right complementation |  |  | NOT B | 1010 |  | None |
|  | if | Converse implication | U+2282 | ⊂ | B -> A | 1011 |  | https://en.wikipedia.org/wiki/Material\_conditional |
|  |  | Left complementation |  |  | NOT A | 1100 |  | None |
|  | if … then only if | Implication | U+2283 | ⊃ | A -> B | 1101 |  | https://en.wikipedia.org/wiki/Material\_conditional |
|  | not both … and | Nonconjunction | U+22BC | ⊼ | A NAND B | 1110 |  | https://en.wikipedia.org/wiki/Sheffer\_stroke |
|  | validity; tautology; constant 1 | Affirmation | U+22A4 |  | TRUE | 1111 |  | https://en.wikipedia.org/wiki/Tautology\_(logic) |