

2.30.1. Expressive Adequacy Problems

1. Given that the formal language $\{\sim, \wedge\}$ is expressively adequate, explain why the language $\{\sim, \vee\}$ must also be expressively adequate.
2. State a general method for constructing a $\{\sim, \vee\}$ sentence for any given ‘mystery truth table’. (*Hint: as noted in 2.26, the negation of a countervaluation sentence is equivalent to a valuation sentence.*)

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