

Homework:

Due May 6, 2020

Problem:

Find the 3-colorable graph representing the 3-SAT problem

$$(a \vee \neg b \vee c) \wedge (\neg a \vee \neg b \vee \neg c)$$

and color it with three colors such that no two neighboring nodes share the same color. Your graph should have three vertices for B, T, and F, three times two vertices for the pairs of literals, and two times 6 vertices for the clauses.