

MATH 110

Homework 10

Two axiom systems, numbered 1 and 2, were introduced in class (see lecture notes). Recall also two examples of formulas derived from these two axiom systems.

1. (40%) Derive $A \rightarrow A$ from axiom system 2.
2. (60%) Derive $(A \wedge B) \rightarrow (B \wedge A)$ from axiom system 1.