Lecture 5: Contradiction, contrapositives   Math 345

Wednesday, September 29, 2010   Jim Fowler

Textbook

This lecture discusses section 2 of the textbook.

Homework

The homework is due Monday, October 4, 2010.
From Section 2 of the textbook, do exercises 23 and 24.
Check the web.

converse

contrapositives

a proof that something exists

There exists an irrational number which, when raised to an irrational power, is a rational number.

quantifiers

for all (universal)
there exists (existential)
universe of discourse