

Mathematics

Semester 2 2017

Cxo05

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1 Methods of Proof

Proofing stuff, trivial right? Probably not. Presentation plays a large part on whether you get the full mark or not.

1.1 Definitions

1.1.1 Statements

A statement is a sentence that is true or false but not both.

1.1.2 Conditional statements

Conditional statements are statements where the truth of a statement is conditioned on the truth of another statement.

$$p \rightarrow q$$

The above denotes that "If p , then q ". This statement is false when p is true and q is false; otherwise it is true.

Example asd