

Mathematical Example Module

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March 24, 2008

The source for this document can be found here:

http://qedeq.org/0_03_09/sample/proplogic.xml

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If you have any questions, suggestions or want to add something to the list of modules that use this one, please send an email to the address <mailto:mime@qedeq.org>

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Chapter 1

Propositional Logic

Here are some propositional logic propositions.

1.1 Simple Formulas

These are the first ones.

Proposition 1.1.

$$\forall x (\phi(x) \rightarrow \psi(x)) \rightarrow (\forall x \phi(x) \rightarrow \forall x \psi(x)) \quad (\text{a})$$

$$\forall x (\phi(x) \rightarrow \psi(x)) \rightarrow (\exists x \phi(x) \rightarrow \exists x \psi(x)) \quad (\text{b})$$

