

SUBSTITUTION OF PROOF LINES

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ABSTRACT. This module declares the general rule for substituting variables.

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MODULE SPECIFICATION

Author of this module:

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This module has the following specification:

Name: subst
Version: 1.00.00
Rule version: 1.01.00
Orgin: http://www.meyling.com/principia/0_00_51/subst_1.00.00_1.01.00.qedeq

The following modules were used:

Name: propaxiom
Version: 1.00.00
Rule version: 1.00.00
Orgin: [propaxiom_1.00.00_1.00.00.qedeq](#)
pdf: [propaxiom_1.00.00_1.00.00.pdf](#)
Name: predaxiom
Version: 1.00.00
Rule version: 1.00.00
Orgin: [predaxiom_1.00.00_1.00.00.qedeq](#)
pdf: [predaxiom_1.00.00_1.00.00.pdf](#)

Is used by the following modules:

Name: prophilbert1
Version: 1.00.00
Rule version: 1.02.00

Date: 2002-07-27T20:51:18.

Origin: [prophilbert1_1.00.00_1.02.00.qedeq](#)
pdf: [prophilbert1_1.00.00_1.02.00.pdf](#)

If a proof line could be derived by using `ja href="propaxiom_1.00.00_1.00.00.htmlrule4" > renamepropositionvariable < /a >, < ahref = "predaxiom_1.00.00_1.00.00.htmlpredrule1" > renameboundsubjectvariable < /a > and < ahref = "predaxiom_1.00.00_1.00.00.htmlpredrule2" > renamefreesubjectvariable < /a > multiple times, we declare a new rule to shortenthatderivation :`

Rule Declaration 0.1. *Substitute Variables*

The use of this rule could always be replaced by proof lines that make only use of the referenced rules.

This module used by the following modules:

Name: philbert1
Version: 1.00.00
Rule version: 1.02.00
Origin: [prophilbert1_1.00.00_1.02.00.qedeq](#)
pdf: [prophilbert1_1.00.00_1.02.00.pdf](#)

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