

Substitution of Proof Lines

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This document is part of the project “Hilbert II”. To get more information about this project look at:
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Abstract

This module declares the general rule for substituting variables.

Specification

This document has the following specification:

Name:	subst
Version:	1.00.00
Rule version:	1.01.00
Origin:	http://www.qedeq.org/0_00_53/subst_1.00.00_1.01.00.qedeq

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References

This document uses the results of the following documents:

Name:	propaxiom
Version:	1.00.00
Rule version:	1.00.00
Origin:	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
Origin:	predaxiom_1.00.00_1.00.00.qedeq
pdf:	predaxiom_1.00.00_1.00.00.pdf

Content

If a proof line could be derived by using rule4 (rename proposition variable), predrule1 (rename bound subject variable) and predrule2 (rename free subject variable) multiple times, we declare a new rule to shorten that derivation:

Rule Declaration 0.1 (rule8). *Substitute Variables*

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

1 Cross Reference

This module is used by the following modules:

Name:	prophilbert1
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