

## Current Propositional Formulas

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**This is your set of current propositional formulas:**

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Currently empty.

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## Truth Tables

Here are the current truth tables (possibly from a previous run):

Currently empty.

## Tableaux

Here is the current tableau (possibly from a previous run):

Currently none.

## Current Propositional Clauses

**This is your set of current propositional clauses:**

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Currently empty.

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## Exercises

**Current exercise:**

Transform the following formula into CNF:

Currently empty. How to do the exercise:

**Current transformations:** Currently empty.

## Instantiated completeness proof

This is your set  $S$  of current clauses :  $\{\}$

Unfortunately  $S$  is not unsatisfiable, so it does not make sense to explain the proof with it. Please try again with an unsatisfiable set of clauses.

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<sup>1</sup>Interactions developed by: P. Baumgartner, A. Deutsch, M. Maron, C. Obermaier, A. Sinner



## Resolution Closure

This is your set  $Res^*$ (current clauses), (possibly from a previous run):

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Currently empty.

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## Labeling algorithm

This is the result, (possibly from a previous run):

Currently none.

## CNF Tableaux

Here is the current tableau (possibly from a previous run):

Currently none.

## Otter

This is the result, (possibly from a previous run):

Currently none.

## Protein

This is the result, (possibly from a previous run):

Currently none.

## Current Predicate Logic Formulas

This is your set of current predicate logic formulas:

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Currently empty.

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## Current Predicate Logic Clauses

This is your set of current predicate logic clauses:

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Currently empty.

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## Otter

[Apply Otter to the current predicate logic clauses](#) [Delete current Otter Result](#)

This is the result, (possibly from a previous run):  
Currently none.

## Protein

Apply PROTEIN to the current clauses   Delete current Protein result This is the result, (possibly from a previous run):  
Currently none.

## Current Terms

This is your set of current terms:

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Currently empty.

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### Current terms manipulation:

Enter some terms:

Help:

[Add to](#) / [Overwrite](#) current terms

### Save/Reload current terms:

[Save](#) to database (enter name):

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[Delete select](#)

[Reload](#) from

[Reload](#) from

## Unification

[Unify selected](#) / [Unify all](#) terms.



This is the result, (possibly from a previous run): Currently none.

## Layout

Format document for screen