Labb 2
Logic for computer science

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Abstract

Contents

Labb 1 – Lillthors & Kronvall
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1 Proofs

Appendices

A Source code

```
verify(Input) :-
see(Input), read(T), read(L), read(S), read(F), seen,
check(T, L, S, [], F).
% check(T, L, S, U, F)
% T - The transitions in form of adjacency lists
% L - The labeling
% S - Current state
% U - Currently recorded states
% F - CTL Formula to check.
%
% Should evaluate to true if the sequent below is valid.
%
% (T,L), S |- F
% U
% To execute: consult( your_file .pl ). verify( input .txt ).
% Literals
%check(_, L, S, [], X) :- ...
%check(_, L, S, [], neg(X)) :- ...
% And
%check(T, L, S, [], and(F,G)) :- ...
% Or
% AX
% EX
% AG
% EG
% EF
% AF
```