







Verification Goals

- Termination of both procedures
 - in practice, implementation of the simplification function (term rewriting) contains an artificial stopping condition
 - in practice, termination of the simplification procedure is assumed
 - Database is irreducible
 - no element is rewritable by any other element
- Procedures produce equivalent databases
 - order of rewriting is different, does not produce canonical forms
 - no guarantee that database will contain the same elements
 - show equivalence with respect to evaluation, sufficient to show that each procedure preserves evaluation of the conjunction of clauses in the original database and queue

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