**A Computing Procedure for Quantification Theory**

This paper mainly look at modern methods of representing the internal structure of quantification theory. In addition to the symbols in propositional calculus quantification theory employs special symbols for individual constants, predicate constants, individual variables and quantifiers. Individual constants represent particular individual things. Predicate constants represents specific predicates. Individual variables are employed to refer to any predicate generally. Quantifiers are logical operators that signify the range of individuals to which individuals apply.

The four Quantification rules dictate the conditions under which a quantifier can be deleted or added are: Universal Instantiation, Universal Generalization, Existential Instantiation, Existential Generalization.

Replacement of Existential Quantifiers by Function Symbols: The existential quantifiers in a prenex formula can be replaced without any inconsistency by functional symbols.

The complete algorithm has some steps to follow they are:

Step-1: Generate one or more quantifier-free line.

Step-2: Apply the rule for eliminating one-literal clauses.

Step-3: Apply the affirmative negative rule to the formula obtained at step2.

Step-4: Eliminate the first atomic formula from the first clause of minimal length in the formula.