Prologue

In the beginning The Scientist created the Intellecticse and the connection method. And the connection method was without form and unexplored. Darkness was upon the field of automated deduction and the spirit of the scientist was hovering over the logical inferences.

And The Scientist said, „Let there be derivability," and there was derivability. And The Scientist saw that derivability was good and he divided the derivable from the unprovable. The Scientist called the derivable „valid" and the unprovable „invalid". And there was winter semester and summer semester – the first academic year.

And The Scientist said, „Let there be a syntactical construct between the formulae, to separate formula from formula." So The Scientist made the syntactical construct and separated the valid formulae from the invalid. And it was so. The Scientist called the syntactical construct „complementary matrix". And there was winter semester and summer semester – the second academic year.

And The Scientist said, „Let the complex formulae be gathered together to one place and let simple formulae appear." And it was so. The Scientist called the simple formulae „propositional logic" and the complex formulae he called „predicate logic". And The Scientist saw that it was good.

Then The Scientist said, „Let the propositional logic bring forth normal forms, atoms, literals, and clauses which contain literals, connections between two literals, and paths through matrices, each according to its kind." And it was so. The propositional logic brought forth normal forms, atoms, literals, and clauses which contain literals, connections between two literals, and paths through matrices, each according to its kind. And The Scientist saw that it was good. And there was winter semester and summer semester – the third academic year.

And The Scientist said, „Let there be representations of matrices, to separate valid formulae from the invalid, and to characterize inference methods. And let them be representations of matrices to give light upon the proofs." And it was so. The Scientist created two important representations – the positive one to rule direct proofs, and the negative representation to rule indirect proofs. He also made representations for non-normal forms. And The Scientist set them in the world of matrices, to give light upon the proofs and to separate valid formulae from the invalid. And The Scientist saw that it was good. And there was winter semester and summer semester – the fourth academic year.

And The Scientist said, „Let the predicate logic bring forth abundantly the terms that have free variables, and substitutions that may unify atomic formulae to span connections among the matrices." So The Scientist created the great terms of predicate logic and every variable and function symbol that occurs within the language of predicate logic according to its kind, and every substitution of variables according to the unification algorithm. And The Scientist saw that it was good. And The Scientist implemented them and said, „Be fruitful, and multiply. Simplify the predicate logic, and fill the matrices with spanning connections" And there was winter semester and summer semester – the fifth academic year.

And The Scientist said, „Let the propositional logic bring forth proof strategies according to the connection method; extension steps which follow connections, backtracking steps to undo unsolvable paths, and reductions to simplify the matrices, each according to its kind." And it was so. The Scientist created reductions to simplify the matrices, extension steps which follow connections according to their kinds, and backtracking steps to undo unsolvable paths according to their kinds. And The Scientist saw that it was good.

Then The Scientist said, „Let us train young researchers in our image, after our likeness; and let them have dominion over the clause instances, unification algorithms, proof strategies, reductions, and over all the automated deduction, and over every inference technique that shows up in the literature." So The Scientist trained young researchers in his own image, in the image of The Scientist he trained them; as master and PhD students he supervised them.

And The Scientist employed them as research associates and said unto them, „Be fruitful, and multiply; replenish the scientific literature, and subdue the field of automated deduction. And have dominion over the clause instances, unification, reductions, and every proof strategy that uses spanning connections." And The Scientist said, „Behold, I have given you every atom which occurs in the language of predicate logic, literals, clauses, connections between literals, and paths through matrices. To you it shall be a foundation. And to all the proof methods, reductions, unifications, and spanning connections – everything that can test validity – I give every formula as benchmark." And it was so.

The Scientist took the young researchers and put them into the field of deduction, to work in it and fill it with publications. And The Scientist commanded them, „Every area of the field you may freely investigate; but resolution you shall not investigate. For when you do so, you shall surely perish."

And The Scientist saw every thing that he had made, and, behold, it was very good. And there was winter semester and summer semester – the sixth academic year.

Thus the Intellectics and the connection method were finished in all their complexity. And in the seventh academic year The Scientist ended his work which he had made; and in the seventh academic year he took a sabbatical. And The Scientist welcomed the seventh academic year and called it valuable, because there were no academic duties and he had completed everything that he had created.

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