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A Non-Exhaustive Treatment
Lecture Notes in Logic 16
Torkel Franzén

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Gödel's Incompleteness Theorems are among the most significant results in the foundations of mathematics. These results have a positive consequence: any system of axioms for mathematics that we recognize as correct can be properly extended by adding as a new axiom a formal statement expressing that the original system is consistent. This suggests that our mathematical knowledge is inexhaustible, an essentially philosophical topic to which this book is devoted.

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