

LFCS 20-23

A Most Foul "Junk" Story

On a 3-Part "Tripod"-Styled Reply to Hilbert's
Mysterious Second Problem

that - Uses the Far "E-word" of

Dan E. Willard

State University of New York at Albany

"E-schon"
"E-44444444"
"Echo"
and Expl

Abstract

Hilbert's mysterious year-1900 Second Problem asked mathematicians to devise a methodology whereby Peano Arithmetic can confirm its own consistency. Gödel's famous 1931 paper showed that a fully positive reply can never be made to Hilbert's question. This article will explain how Hilbert's question is such a complicated issue that it can be better receive a 3-way styled "Tripod" reply.

We also provide substantial evidence that Gödel would likely agree with the main opinions expressed in this article.

Keywords and Phrases: Gödel's Second Incompleteness Theorem, Hilbert's Second Problem, Consistency, Smullyan-Fitting Semantic Tableau Deduction, Hilbert-Frege Deduction.

~~Elongate~~ Elongate Exhaust Exhaust Evolve
Encapsulate
Echo
Exhaust
E-word
"E-schon"
"Entire"
"E-unle"