

1086-68-1245

**J Kuodo Huang\*** (jkuodo@gmail.com), P. O. Box 3355, Alhambra, CA 91803. *My strategy versus Kurt Gödel's strategy To the solution of Hilbert second problem.* Preliminary report.

Kurt Gödel has had many contributions to logic and has influenced many subfields in logic, mathematics and computer science. His main strategy to Hilbert second problem based on paradox and had shown the limit of logic. However my strategy to the solution of Hilbert second problem is to eliminate all the paradoxes and has discovered Hilbert logic (which is any extension of two-valued logic so that the universal consistent theorem can be proved). As matter of fact, there are many complete Hilbert logics. In this article, I will give the comparison of “Kuodo’s strategy versus Kurt’s strategy to the solution of Hilbert second problems” in detail. The Hilbert logic can be considered as exploring the limits of logic from “the logic as deductive systems” to “logic as systems to all types of logic systems” because Hilbert logic is integrated logic with set theory in various ways. (Received September 23, 2012)