

## THE MAJOR REFERENCES OF HILBERT LOGIC

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Abstract. The major references of Hilbert logics and their correspondent logical calculus, Hilbert-Huang algebra, will be given in this paper to celebrate their discovery ten years ago.

Boolean logic and Boolean algebra has been the important logic for science and engineering today. However it has limited applications and many known problems.

Through studying Hilbert problems, the author discovered Hilbert logic and Hilbert-Huang logic, and Hilbert-Huang algebra. These theories turn out to be the proven logic theory for the foundation of all sciences. And these theories turn out to be the first proven theories for most system applications. This note is to give the major references of these theories.

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