# Frege's Theorem

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*Frege's Theorem* collects eleven essays by Richard G Heck, Jr, one of the world's leading authorities on Frege's philosophy. The Theorem is the central contribution of Gottlob Frege's formal work on arithmetic. It tells us that the axioms of arithmetic can be derived, purely logically, from a single principle: the number of these things is the same as the number of those things just in case these can be matched up one-to-one with those. But that principle seems so utterly fundamental to thought about number that it might almost count as a definition of number. If so, Frege's Theorem shows that arithmetic follows, purely logically, from a near definition. As Crispin Wright was the first to make clear, that means that Frege's logicism, long thought dead, might yet be viable.

Heck probes the philosophical significance of the Theorem, using it to launch and then guide a wide-ranging exploration of historical, philosophical, and technical issues in the philosophy of mathematics and logic, and of their connections with metaphysics, epistemology, the philosophy of language and mind, and even developmental psychology. The book begins with an overview that introduces the Theorem and the issues surrounding it, and explores how the essays that follow contribute to our understanding of those issues. There are also new postscripts to five of the essays, which discuss changes of mind, respond to published criticisms, and advance the discussion yet further.

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**Allison Phelps:**

Spent a free time and energy to be fun activity to do! A lot of people spent their leisure time with their family, or their very own friends. Usually they doing activity like watching television, about to beach, or picnic within the park. They actually doing same task every week. Do you feel it? Do you need to something different to fill your current free time/ holiday? May be reading a book can be option to fill your free of charge time/ holiday. The first thing that you'll ask may be what kinds of reserve that you should read. If you want to attempt look for book, may be the reserve untitled Frege's Theorem can be very good book to read. May be it can be best activity to you.

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