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Abstract for an Invited Paper for the MAR05 Meeting of the American Physical Society

Einstein and Hilbert

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I will discuss the origins of their friendship, the strain put upon it in 1915 when Einstein felt that Hilbert was "nostrifying" [i.e., taking over and presenting as his own] some of Einstein's ideas about the general theory of relativity, and their ultimate reconciliation and lasting friendship. The nature of Hilbert's work on his own unified field theory program and its relation to Einstein's general relativity program will be considered, as will be Einstein's role in the curious "battle of the frogs and mice," as he dubbed the controversy between Hilbert and Brouwer over the foundations of mathematics.