Personalia

William P. HANF

Alfred Tarski on several occasions spoke of himself as being an intellectual successor or disciple of Peirce and Schröder (for example in his famous 1941 *Journal of Symbolic Logic* article on the calculus of relations). One of the questions which was asked by Schröder (in 1895, p. 555) was whether the algebra of relatives can express all statements about relations as equations of the calculus of relations. Peirce wrote on this problem; but it was Tarski who began the twentieth-century renewal of algebraic logic with his work on the problem (see I.H. Anellis, *Tarski's development of Peirce's logic of relations*, forthcoming, N. Houser, D.D. Roberts & J. Van Evra (eds.), *Studies in the logic of Charles Sanders Peirce* (Bloomington, Indiana University Press, 1991)). Among those of Tarski's students who contributed to the effort was the late William P. Hanf. His paper *The boolean algebra of logic*, for example, gave a method for constructing finitely axiomatizable theories and showed that every recursively enumerable boolean algebra is isomorphic to the boolean algebra of sentences of some finitely axiomatizable theory. We take this opportunity to commemorate Professor Hanf with the presentation of Dale Myers' eulogy to Hanf in our new **Personalia** section.

William Porter HANF died on 15 August 1989 at age fifty-five. At the time of his death, he was in early retirement from his teaching position in the mathematics department at the University of Hawaii.

Hanf's doctoral thesis (January 1963), on *Some fundamental problems with infinitely long expressions*, was written under the direction of Alfred Tarski. Although perhaps best known for his work in Boolean algebras, he made important contributions to many areas of mathematical logic, including Boolean algebras and model theory, recursion theory, set theory, and tilings of the plane.

Dale Myers' eulogy was written for Hanf's funeral and is reprinted here with the kind permission of Professor Myers from a transcript of 17 March 1990 supplied by Professor Myers.

Irving H. Anellis