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Theodore A Slaman* (slaman@math.berkeley.edu), Department of Mathematics, University of California, Berkeley, Berkeley, CA 94720-3840. *The Mathematics of Relative Definability.*

Alan Turing had the remarkably prescient insight that understanding the means by which we work with things can be as important as, or even equivalent to, understanding those things. We will discuss some of the mathematical developments arising from his early investigations. (Received September 22, 2011)