**Meeting:** 1003, Atlanta, Georgia, MAA CP P1, MAA Session on Philosophy of Mathematics

1003-P1-409      **Troy D. Riggs\*** (`triggs@uu.edu`), 1050 Union University Drive, Jackson, TN 38305. *Linguistic Relativity in Applied Mathematics.*

Some "laws" that appear in applications of mathematics say far more about our goals, our mathematical tools and our conventions in applying those tools than they say about the nature of the universe itself. Benford's Law, the Buckingham Pi Theorem and Heisenberg's Uncertainty Principle are discussed. (Received September 14, 2004)