

1093-01-104 **David Lindsay Roberts*** (robertsd1@aol.com). *The Role of Psychology in Mid 20th Century Reform in American Mathematics Education*. Preliminary report.

Ever since E. L. Thorndike's early 20th century experiments undermining the notion of "transfer of training," American mathematicians and mathematics educators have often felt the need to appeal to or dispute contemporaneous psychological theories when proposing changes to the pedagogy or curriculum of mathematics. Psychologists have also been appealed to in constructing testing regimes to evaluate students and curricula. This talk will describe and assess some of this interplay between psychology and mathematics education, with particular emphasis on the New Math reforms of the 1950s and 1960s. (Received August 05, 2013)