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Mohammad K. Azarian* (azarian@evansville.edu), Mathematics Department, University of Evansville, 1800 Lincoln Avenue, Evansville, IN 47722. *On the Fixed Points of a Function and its Corresponding Composite Functions.*

In this paper we will discuss the relationship between the fixed point(s) of a function and the fixed point(s) of its corresponding composite functions. In particular, for this purpose, we look at linear and quadratic equations, as well as some trigonometric and hyperbolic functions. (Received September 15, 2006)