

## ABSTRACT

The following thesis explores the variables of math anxiety, deductive reasoning and career appraisal. This dissertation investigates whether there is a relationship between math anxiety and deductive reasoning. A relationship is found to exist between these two variables and the relationship is of an indirectly proportional nature. As a result, when “math anxiety is high, deductive reasoning is low” and visa viz. 74 participants were used in this research study to assess whether their appraisal of various careers differed or were homogenous in nature. This thesis discusses how various careers were appraised heterogeneously and others homogenously between people with different levels of math anxiety and deductive reasoning. This phenomenon is also explained through the possibility of extraneous factors, influencing these results.