

1062-34-117

**Toka Diagana\*** (tokadiag@gmail.com), Department of Mathematics, Howard University, 2441 6th Street NW, Washington, DC 20059. *Existence Results for Some Abstract Second-Order Differential Equations*. Preliminary report.

This talk is mainly devoted to the existence of solutions to some abstract second-order differential equations. Various existence results will be discussed as well as some applications. (Received August 02, 2010)