1114-46-25 Afrah Ahmad Abdou* (aabdou@kau.edu.sa), J, Meccah 78745, Saudi Arabia. Fixed Point Theory for Modular Metric Spaces. Preliminary report.

Contractivity is amongst the sufficient conditions for an operator to have a fixed point in modular metric space. Unlike in metric spaces, the uniqueness is not so instantly obtained. However, if some additional conditions are assumed, then the uniqueness is guaranteed. In this project, we therefore investigate the existence property for several directions of generalized contractive operators in modular metric spaces. (Received May 25, 2015)