1092-54-22   **M. S. Khan*** (`mohammad@squ.edu.om`), College of Science, Department of Mathematics, 123 Muscat, Al-Khod, Oman. *Some fixed point theorems with applications.* Preliminary report.

In this paper, we prove some fixed point results in the setting of two metric spaces endowed with a partial order satisfying a generalized contractive condition. The proved result generalize and extend some known results in the literature. As application, we establish an existence result for a nonlinear first order differential equation. (Received June 24, 2013)