

1092-34-340

**Gnana Bhaskar Tenali\*** ([gtenali@fit.edu](mailto:gtenali@fit.edu)), 150 West University Boulevard, Melbourne, FL 32904. *Fixed Point Theorems in Partially Ordered Metric Spaces and applications to Set Differential Equations.*

We give a brief survey of the recent developments in fixed point theorems in partially ordered metric spaces. We discuss the application of some of these results in establishing the existence theorems to first order Set Differential Equations. (Received August 13, 2013)