

## A COMMON FIXED POINT THEOREM IN FUZZY METRIC SPACES

K. P. R. SASTRY, G. A. NAIDU, G. SRIRAMAMURTHY,  
R. VENKATABHASKAR AND D. NARAYANA RAO

### Abstract

In the present paper, we prove a fixed point theorem in Fuzzy metric spaces through weak compatibility which is an improvement of the theorem of Krishnapal Sing Sisodia [4].

-----  
Key Words : *Fuzzy metric space, Common fixed point, t-norm, Compatible map, Weak compatible map.*

2010 AMS Subject Classification : 47H10, 54H25.

© <http://www.ascent-journals.com>