

Bul. Ştiinţ. Univ. Baia Mare, Ser. B,  
Matematică-Informatică, Vol. XVIII(2002), Nr. 1, 53 - 58

*Dedicated to Costică MUSTĂŢA on his 60<sup>th</sup> anniversary*

## SOME GENERALIZATION OF THE LERRAY-SCHAUDER PRINCIPLE

Andrei HORVAT-MARC

**Abstract:** We extend the Lerray - Schauder principle to the Mönch operator, more precisely we establish an existence result for nonself Mönch operator.

**MSC:** 47H10, 54H25

**Keywords:** fixed point theorem, continuation principle, Banach Space