

## AN APPLICATION OF A FIXED POINT THEOREM FOR NONEXPANSIVE OPERATORS

GIUSEPPE RAO

\*Department of Mathematics, University of Palermo  
Via Archirafi 34, 90123 Palermo, Italy  
E-mail: giuseppe.rao@unipa.it

**Abstract.** In this note, we present an application of a recent fixed point theorem by Ricceri to a two-point boundary value problem.

**Key Words and Phrases:** Fixed point, nonexpansive operator, two-point boundary value problem.

**2010 Mathematics Subject Classification:** 34K10, 47H09, 47H10.

### REFERENCES

- [1] B. Ricceri, *Another fixed point theorem for nonexpansive potential operators*, *Studia Math.*, 211 (2012), 147-151.

*Received: June 16, 2012; Accepted: August 5, 2012.*