THE AZIMI HAGLER SPACE HAS THE WEAK FIXED POINT PROPERTY

HELGA FETTER AND BERTA GAMBOA DE BUEN

Centro de Investigación en Matemáticas (CIMAT)
Apdo. Postal 402, 36000 Guanajuato, Gto., México
E-mails: fetter@cimat.mx gamboa@cimat.mx

Abstract. We prove that the Azimi Hagler space fails Opial’s property and GLD but has GGLD and thus wfpp.

Key Words and Phrases: Azimi Hagler space, Opial’s property, GGLD, weak fixed point property.

2010 Mathematics Subject Classification: 46B20, 47H09, 47H10.

REFERENCES

[4] H. Fetter and B. Gamboa de Buen, Banach spaces with a basis that are hereditarily asymptotically isometric to $l_1$ and the fixed point property, Nonlinear Anal., 71(2009), 4598-4608.

Received: October 3, 2010; Accepted: December 30, 2010.

Partially supported by SEP Conacyt Grant 102380.