SOLUTIONS FOR SINGULAR ELLIPTIC SYSTEMS INVOLVING HARDY–SObOLEV CRITICAL NONLINEARITY

LING DING AND SHI-WU XIAO

Abstract. In this paper, we deal with a class of singular elliptic system with Hardy-Sobolev critical nonlinearity. The existence and multiplicity of solutions for this system are obtained by the variational methods and some analysis techniques.


Keywords and phrases: elliptic systems, Hardy terms, critical Hardy-Sobolev exponents.

REFERENCES