

Existence and multiplicity of positive solutions for a singular system via sub-supersolution method and Mountain Pass

Suellen Cristina Queiroz Arruda (scqarruda@yahoo.com.br)
Universidade Federal do Pará

Abstract. In this paper we show existence and multiplicity of positive solutions using the sub-supersolution method and Mountain Pass theorem in a general singular system which the operator is not homogeneous neither linear.