2010 Mathematics Subject Classification. 13G05, 13D03.

## Some results on Noetherian Warfield domains

Kui Hu, Jung Wook Lim, De Chuan Zhou

Southwest University of Science and Technology; Kyungpook National University

## Email: hukui200418@163.com

Let R be a Noetherian domain. It is proved that R is a NWF domain if and only if, for every maximal ideal M of R, both M and  $M^2$  can be generated by two elements. A sufficient condition under which all ideals of a domain are SG-projective is also given in this article.