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**Pascual Jara\*** (pjara@ugr.es), Department of Algebra, University of Granada, 18071 Granada, Granada, Spain. *Some applications of primeness in the study of noetherian rings and modules.*  
Preliminary report.

In the literature there are well known characterizations of rings which are right orders in right artinian rings. In this work our first purpose is to study rings which are right orders in right noetherian rings. To reach this goal we find that one side prime ideals constitute a useful tool. Thus in the second part of the work we study the behavior of prime submodules in a non necessarily commutative setting. (Received February 10, 2004)