



VALUATION ON A FILTERED MODULE

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Received July 12, 2014

Abstract

In this paper, we show if R is a filtered ring and M a filtered R -module, then we can define a valuation on a module for M . Then we show that we can find a skeleton of valuation on M , and we prove some properties such that derived from it for a filtered module.

Keywords and phrases: filtered module, filtered ring, valuation on module, skeleton of valuation.

ISSN: 2231-1831

Pioneer Journal of
Algebra, Number
Theory and its
Applications



Pioneer Scientific
Publisher