

RELATION BETWEEN FILTRATION ON A RING AND A QUASI VALUATION OR VALUATION RING

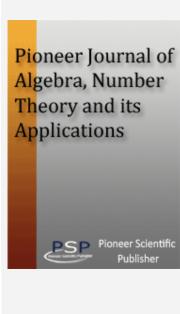
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Received June 20, 2014

Abstract

In this paper, we show that if R is a filtered ring, then we can define a quasi valuation ring. And there exists a valuation ring if R is some kind of filtered ring. Then, we prove some properties and relations between filtered ring and quasi valuation ring and valuation ring.

Keywords and phrases: quasi valuation ring, valuation ring, filtered ring, strongly filtered ring.



ISSN: 2231-1831