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Title:	On the implicit constant fields and key polynomials for valuation algebraic extensions
Authors:	Dutta, Arpan (/jspui/browse?type=author&value=Dutta%2C+Arpan)
Keywords:	Implicit constant Algebraic extensions
Issue Date:	2022
Publisher:	Rocky Mountain Mathematics Consortium
Citation:	Journal of Commutative Algebra, 14(4), 515-525.
Abstract:	This article is a natural continuation of our previous works [Dutta 2021] and [Dutta 2022]. In this article, we employ similar ideas as in [Alexandru, Popescu and Zaharescu 1990] to provide an estimate of $IC(K(X) K, v)$ when $(K(X) K, v)$ when is a valuation algebraic extension. Our central result is an analogue of [Dutta 2022, Theorem 1.3]. We further provide a natural construction of a complete sequence of key polynomials for $v$ over $K$ over in the setting of valuation algebraic extensions.
Description:	Only IISER Mohali authors are available in the record.
URI:	<a href="https://doi.org/10.1216/jca.2022.14.515">https://doi.org/10.1216/jca.2022.14.515</a> ( <a href="https://doi.org/10.1216/jca.2022.14.515">https://doi.org/10.1216/jca.2022.14.515</a> ) <a href="http://hdl.handle.net/123456789/5114">http://hdl.handle.net/123456789/5114</a> ( <a href="http://hdl.handle.net/123456789/5114">http://hdl.handle.net/123456789/5114</a> )
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