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Title:	Quaternion algebras with derivations
Authors:	Kulshrestha, Amit (/jspui/browse?type=author&value=Kulshrestha%2C+Amit) Srinivasan, Varadharaj R. (/jspui/browse?type=author&value=Srinivasan%2C+Varadharaj+R.)
Keywords:	Differential fields Quaternion algebras
Issue Date:	2022
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Abstract:	We study derivations on quaternion algebras that stabilise quadratic subfields. Following the work of L. Juan and A. Magid [10], we provide an explicit construction of a differential splitting field for a given differential quaternion algebra. We also examine the presence and impact of those derivations on quaternion algebras that admit new constants.
Description:	Only IISER Mohali authors are available in the record.
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