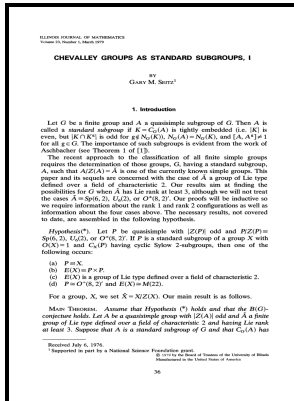# Products of involutions in the Chevalley groups of type F4 (K)

[s.n.] - What IS a Jordan Algebra?

Description: -

- Products of involutions in the Chevalley groups of type F4 (K)
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Notes: Thesis (Ph.D.)--University of Toronto, 1997.

This edition was published in 1997

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Tags: #The #Width #of #the #Group #GL(6 #,K #) #with #Respect #to #a #Set #of #Quasiroot #Elements

Simple groups of Lie type

The Hermitian elliptic lines QxO S1 and OxO S1 admit interpretations as the manifold of 3-planes in the space S11, respectively as the manifold of 7-planes in the space S15. Constructia fibrarilor universale peste poliedre arbitrare, Studii Cerc.

Linear groups over general rings. I. Generalities, Journal of Mathematical Sciences

More generally, we give conditions for two involutions to be conjugate in SO V , provided that V is a vector space over a finite field or over an ordered field. Canonical bases arising from quantized enveloping algebras, J.

The Classification of the Finite Simple Groups, Number 3

Algebra 321 2009 , 3418-3449.

A geometric proof of the bireflectionality of the Weyl group of type F 4, Journal of Geometry

This yields that a conjugate of G is contained in a classical standard subsystem subgroup of F4 ðKÞ or G arises from a Moufang quadrangle in characteristic 2. In January 1980 the Notices of the American Mathematical Society 27 1980 67 published a Query no. In: Algebraic Groups and Discontinuous Groups Boulder 1965 , Proc.

Coxeter group

Introduction For an arbitrary commutative field K, we denote by F4 ðKÞ the universal Chevalley group of type F4 over K.

Moufang sets of type F 4

Therefore: D4 and Chev3 O are Octonionic Lie and Jordan-like structures that have a lot of common structure.

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