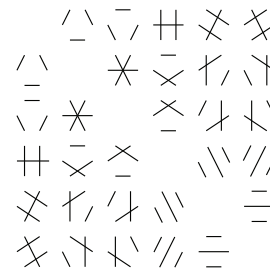


Mathematics Seminar



Rocky Mountain Algebraic Combinatorics Seminar

Some Cubic Surfaces over Fields of Characteristic Two

Fatma Karaoglu
Namik Kemal University, Tekirdag, Turkey

We perform an opportunistic search for cubic surfaces over small fields of characteristic 2, based on a list of surfaces arising in the work of Dickson related to the classification of cubic surfaces over the field of two elements. We consider the non-singular ones arising in Dickson's work for the fields of larger orders of characteristic 2. We investigate the properties such as the number of lines, singularities and automorphism groups.

Online via Zoom

<https://zoom.us/j/95321487441?pwd=Tlp4VG9pejZCekJmeDFFb1BzeWpsdz09>, Meeting ID: 953 2148 7441, Passcode: 722523
4 pm, Friday, December 4, 2020

Talk part 1, 4.10-4.40,

Break 4.40-5.10 at <https://gather.town/HQmdvgyabpEL4qpB/RMAC>,

Talk part 2 5:10-5:40

This is a joint Denver U / UC Boulder / UC Denver / U of Wyoming / CSU seminar that meets biweekly.
Anyone interested is welcome to join us at a local restaurant for dinner after the talks.



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