

Description of the subalgebras of Zorn's algebra over F_q , $q = 2, 3$

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In this talk I present the classification of all subalgebras of Zorn's algebra $Z(q)$ over F_q , where $q = 2, 3$; and I present the number of subalgebras for each case. I show that the isomorphic subalgebras are conjugate in respect to the automorphism group of $Z(q)$. Furthermore, as a consequence I obtain that the maximal subloops of the corresponding simple Moufang loops $M(q)$ are conjugate in the automorphism groups of $Z(q)$.