

## Contents

The exact limit of some cubic towers NURDAGÜL ANBAR, PETER BEELEN, and NHUT NGUYEN	1
Error-correction capability of Reed-Muller codes STÉPHANIE DIB and FRANÇOIS RODIER	17
Optimal and maximal singular curves YVES AUBRY and ANNAMARIA IEZZI	31
An infinite class of Kasami functions that are not APN infinitely often ERIC FÉRARD	45
Covariant algebra of the binary nonic and the binary decimic REYNALD LERCIER and MARC OLIVE	65
On some bounds for symmetric tensor rank of multiplication in finite fields STÉPHANE BALLEET, JULIA PIELTANT, MATTHIEU RAMBAUD, and JEROEN SIJSLING	93
Codes from Jacobian surfaces SAFIA HALOUI	123
A new proof of a Thomae-like formula for non hyperelliptic genus 3 curves ENRIC NART and CHRISTOPHE RITZENTHALER	137
Remarks on the Tsfasman-Boguslavsky Conjecture and higher weights of projective Reed-Muller codes MRINMOY DATTA and SUDHIR R. GHORPADE	157
Secret sharing schemes with strong multiplication and a large number of players from toric varieties JOHAN P. HANSEN	171
Field extensions and index calculus on algebraic curves VANESSA VITSE	187