

arXiv.org > cs > arXiv:1107.3614

Computer Science > Information Theory

New construction of APN quaratic

Zahid Mounir

(Submitted on 19 Jul 2011)

The purpose of this paper is to detail the article of Carlet. Along the way I recall some interesting results in the theory of finite fields, I give (new) proofs of some known results, and then I generalize the construction of a family of APN function. The reference precedes each result, and in the absence of reference the proof is due to the author.

Keywords: boolean, bent, APN

Subjects: Information Theory (cs.IT)

Cite as: arXiv:1107.3614 [cs.IT]

(or arXiv:1107.3614v1 [cs.IT] for this version)

Submission history

From: Zahid Mounir [view email] [v1] Tue, 19 Jul 2011 02:54:51 GMT (11kb)

Which authors of this paper are endorsers?

Link back to: arXiv, form interface, contact.

(Help | Advance

Search or Article-id

	All papers 💂
	Download: • PDF • PostScript • Other formats
	Current browse cont cs.IT < prev next > new recent 1107
	Change to browse b
	References & Citatio
	DBLP - CS Bibliogra listing bibtex Zahid Mounir
	Bookmark(what is this?)