

Generalised Rijndael

Sergi Blanch-Torné¹, Ramiro Moreno Chiral², Francesc Sebé Feixa²

¹ Escola Politècnica Superior, Universitat de Lleida. Spain.
`sblanch@alumnes.udl.es`

² Departament de Matemàtica. Universitat de Lleida. Spain.
`{ramiro,fsebe}@matematica.udl.es`

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Abstract. ³ This is the abstract

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1 Introduction

2 Approach to the Rijndael Schema

2.1 Mathematical preliminaries

2.2 Design

3 Generalising the schema

3.1 key expansion

3.2 Rounds

3.3 subBytes

sboxes

3.4 shiftColumns

3.5 mixColumns

3.6 addRoundKey

4 Paramenter convinations

5 New useful sizes for rijndael

³ Partially founded by the Spanish project MTM20-------