

#### page xix, line 14:

- $\boldsymbol{X}$  common reference string (see Glossary)
- common reference string (see the Glossary) 1

#### page xxi, line 14:

- **✗** Turing machine (Glossary)
- Turing machine (see the Glossary) 1

page 9: Sub-subsection titles of §1.5.1–1.5.3 contain unnecessary full stop.

#### page 13, line 1 and 3 of footnote 4:

- X a publicly known circuit C(.,.) with two inputs ... (i.e.  $\mathcal{O}[C_K](.)$  is published)
- a publicly known circuit  $C(\cdot, \cdot)$  with two inputs ... (i.e.  $\mathcal{O}[C_K](\cdot)$  is published) 1

#### page 17, last line:

- degree  $-\kappa$  polynomials on encodings Х
- degree- $\kappa$  polynomials on encodings 1

### page 18, column 6, row 3 of Table2.1:

- X  $S_k \cap S_l$
- $S_k \cap S_l = \emptyset$ 1

#### page 19, line 17:

- These are addition, multiplication, and zero-testing .<sup>9</sup>. The first two X
- These are addition, multiplication, and zero-testing .<sup>9</sup> The first two

#### page 45, line last but 11:

- $\checkmark$  of Tok.Enc(.,.) must be independent of C
- of Tok.Enc $(\cdot, \cdot)$  must be independent of C 1

#### page 45, line last but 10:

- X ... not useful for the the goals usual type of obfuscation...
- $\checkmark$  ... not useful for the goals of the usual type of obfuscation...

#### page 57, line 13:

- **X** the matrices  $A_{i,b}$  of the *i*th step of the MBP to form  $B_{i,b} = R_{i-1}^{-1}A_{i,b}R_i$  for  $b = \{0,1\}$  **v** the matrices  $A_{i,b}$  of the *i*th step of the MBP to form  $B_{i,b} = R_{i-1}^{-1}A_{i,b}R_i$  for  $b \in \{0,1\}$

## page 31, footnote 1:

- $\checkmark$  In the case of Turing machine (Glossary)s, even this assumption is unnecessary.
- $\checkmark$  In the case of Turing machines, even this assumption is unnecessary.

# page 59: The paragraph "Avoiding algebraic attacks" is duplicated. The first occurrence, starting on page 58, is the correct one, its copy (just below it) contains typos and should be omitted.

## page 67, line 24:

- X (denoted by  $\Diamond$ in Table...
- (denoted by  $\Diamond$  in Table... 1