

Erratum to: On the second weight of generalized Reed-Muller codes

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Published online: 24 April 2014
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Erratum to: Des. Codes Cryptogr. (2008) 48:323–330
DOI 10.1007/s10623-008-9211-9

Theorem 3 of the above paper is stated wrongly. It should be as follows:

Theorem 3 *Let s, m be integers with $2 \leq s < q$ and $2 \leq m$. The second weight of $RM_q(s, m)$ is equal to $q^m - sq^{m-1} + (s-1)q^{m-2}$. There exist codewords with Hamming weight equal to the second weight that are defined from products of linear factors.*

The online version of the original article can be found under doi:[10.1007/s10623-008-9211-9](https://doi.org/10.1007/s10623-008-9211-9).

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