

MysteryTwister C3

THE CRYPTO CHALLENGE CONTEST

NEW YEAR'S GREETINGS – PART 4

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Challenge description (1/2)

This is the fourth and second-to-last part of this series. The encryption of the given ciphertext tells you the New Year's greeting of the author. Part 5 then teaches us something about the weaknesses of this method.

The ciphertext of the fourth part reads as follows:

25MYUCRPJYBCCMHBZOXLAQHKASDMQUZYGWNWFKWPBT.GMRZXHT

K

MBFDACCSZZEVRMXTSEODUYGJYJDLKWEJT3

Can you decipher this text?

As solution, please enter the initial characters of the plaintext words (in capital letters and without spaces or separators).

Challenge description (2/2)

Hints:

- The plaintext is German.
- A polyalphabetic substitution has been used.
- The numbers and the point are the key to the OTP. The last number points to a mathematical constant that starts with it.
- The K under the character A of the ciphertext on the previous page indicates a modification of the method.
- In addition, before using the polyalphabetic substitution there has been made another modification to the method.