

MysteryTwister C3

THE CRYPTO CHALLENGE CONTEST

NEW YEAR'S GREETINGS – PART 5

Author: rcll0891

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Challenge description (1/2)

This is the fifth and last part of this series. Until now, the used method had some weaknesses, and those parts have been modified in this challenge.

The ciphertext of the last part reads as follows:

26JMXFDPYXNNVICTKKEATTVLDUSMRQFBXXDZPETBSMYLDKTQMKEAY
UGFSYFLZGLCHYUGYGLUAMNPZDKJKXRHKYRXWUKFTQVFXMDNCROEM
WAQ.ZVUGVMADCUFZCHLJBIFVUCOMFZBTRRZUDAXVVQBTL SJYQZMF
FPVIKXWIYKUOPBYQJFGBOXCPUNMNVXCPBBMNLTCXRJXVMMLCP3

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.
- Before using the polyalphabetic substitution there has been a modification to the method.
- This time, the OTP consists of as many characters as the plaintext alphabet.
- The modification indicated by the K in Part 4 didn't considerably improve the security.