

# MysteryTwister C3

THE CRYPTO CHALLENGE CONTEST

## NEW YEAR'S GREETINGS – PART 3

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## Challenge description (1/2)

This series consists of five parts which are based on each other. The encryption of the respective plaintexts will be getting more and more complicated with each part, until you get a little New Year's greeting of the author after decrypting the fourth challenge. Part 5 teaches us something about the weaknesses of this method. The ciphertext of the third part reads as follows:

25DMNLGYXYEECZXTDKZHADVFRPMKRE . YGSXQCB DJKBMEYSHSXMRD JNQL3  
K

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 another modification of the method.