MysteryTwister C3

THE CRYPTO CHALLENGE CONTEST

"The Road" – Part 1

Author: Marc Gutgesell

October 2018 (Updated: February 2019)

Introduction

This is a three-part challenge which was inspired by Kryptos. All three parts use the graphic on page 4 with several encrypted texts on the left hand side plus a key part on the right hand side. In addition, it is separated in two blocks one below the other with different colors.

Can you solve this mysterious challenge?

Hints for all 3 parts

To solve this challenge you should have some experience with the cryptanalysis of classical ciphers. The plaintexts in all 3 parts are in German. This holds also for keys in case they are derived from meaningful words or sentences.

One of the three parts deals with a key which is derived from words that play a central role in a fairy tale. It will not be revealed in which of the three parts this is the case. Please pay attention to the fact that in the German version of the fairy tale one word is translated analogously – not literally. With the aid of Google translator you can also find the analogous translation. In addition you can find the words in the German Wikipedia article about the fairy tale.

Challenge (1/2)

MysteryTwister C3
THE CRYPTO CHALLENGE CONTEST

Challenge (2/2)

In the first part of this three-part challenge you have to solve the encrypted plaintexts of the upper, yellow block of the challenge. The yellow block consists of three plaintexts which were encrypted with different methods. The key part is an indication of the method used to encrypt the first text.

As the solution, please enter the first 31 letters of the first plaintext and the last 20 letters of the last plaintext in capital letters without spaces. Please enter the text without any changes. Do not correct possible mistakes!

Hints

- Elderly fairy tale from the USA
- All three texts can be decrypted with CrypTool
- The second and third encrypted text have a visible attribute that enables a separation of the texts