MysteryTwister C3

"THE ROAD" – PART 2

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Introduction

This is part 2 of 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)

DFIWNOAMYWPFFHUWJIBTL T	JAUNEBCDFGHIKLMOPQRSTVWXYZ
QOZOWVUZKUMUMBRWZUEZW 🛑	AUNEBCDFGHIKLMOPQRSTVWXYZJ
ZCYSGYUKLSSNHHUZNZBES	UNEBCDFGHIKLMOPQRSTVWXYZJA
ZHYLKTUZUMWKGVHKXBAQN	NEBCDFGHIKLMOPQRSTVWXYZJAU
LWMDCBKITICKRXAXRNTIT 🔂 🔽	EBCDFGHIKLMOPQRSTVWXYZJAUN
PLZETQGJLIIITWMRTRTSN	BCDFGHIKLMOPQRSTVWXYZJAUNE
EFDMSSNDNFENVEEIHSUGG 👝	CDFGHIKLMOPQRSTVWXYZJAUNEB
REEDEUZOEWLEOITSREAEE	DFGHIKLMOPQRSTVWXYZJAUNEBC
AIMSNRESGDNRUEWTDVENE	FGHIKLMOPQRSTVWXYZJAUNEBCD
USIROIDSSNEEUAIIIITWT 💛	GHIKLMOPQRSTVWXYZJAUNEBCDF
RTRTSNEFDMSSNDNFEWVEE	HIKLMOPQRSTVWXYZJAUNEBCDFG
IHZUGGREEDEUZOIWLEOIT 🗛	IKLMOPQRSTVWXYZJAUNEBCDFGH
SREAEEAIMSNAESGDNRUEW	KLMOPQRSTVWXYZJAUNEBCDFGHI
TDVENEUSEROIDSSNENUAI D	LMOPQRSTVWXYZJAUNEBCDFGHIK
TTYNUBBICXWDMNJFMCBVOPOXJZ	MOPORSTVWXYZJAUNEBCDFGHIKL
DWRUPHLBZWISSOXMSHFNPPIJZR	OPORSTVWXYZJAUNEBCDFGHIKLM
CNLZKNFHSZVKRFXMJFYLJUXVCW	PORSTVWXYZJAUNEBCDFGHIKLMO
FBDSJTBTIJWCKRJGSCKFNWKIAJ	ORSTVWXYZJAUNEBCDFGHIKLMOP
OCWOESNCWDGIADWKRFRHDCOTOU	RSTVWXYZJAUNEBCDFGHIKLMOPO
HEVVXKARCWYCGBOOJUBWCFEPKR	STVWXYZJAUNEBCDFGHIKLMOPOR
GGIRDECHJXZFVOOMNBSMZCNMMM	TVWXYZJAUNEBCDFGHIKLMOPORS
ORXXUDYPNGAFFZYDCPNNOOYJMV	VWXYZJAUNEBCDFGHIKLMOPORST
BWGRBKVUWURKZGNURZJSVFBNTN	WXYZJAUNEBCDFGHIKLMOPQRSTV
OBVE TA DUILD TO 7 WEUNIVERSAW7 PC	
QRAEDAE VODOQUME VMIRISAM2BG	XYZJAUNEBCDFGHIKLMOPQRSTVW
OYTJTUBWIHPWEXNIDISSIYHDWX	YZJAUNEBCDFGHIKLMOPQRSTVW YZJAUNEBCDFGHIKLMOPQRSTVWX
OYTJTUBWIHPWEXNIDISSIYHDWX GNYKZGDWKLWHHVNSJXCYDKNWGZ	XYZJAUNEBCDFGHIKLMOPQRSTVW YZJAUNEBCDFGHIKLMOPQRSTVWX ZJAUNEBCDFGHIKLMOPQRSTVWXY

Challenge (2/2)

In the 2nd part of the challenge you have to solve the encrypted plaintext of the lower, green block of the graphic. This block consists of only one encrypted text.

At the end of the located plaintext you will find a short, additional encrypted text. This text is encrypted very simple. Decrypt this text additionally and enter it as the solution in capital letters without spaces.



Hints

- Elderly fairy tale from the USA
- Don't be deceived by the wizard. The solution is far more simple than it seems to be
- The technique that consists of two popular encryption methods is "demonstrated" step by step in the 1st part
- ► The two methods differ in complexity
- There is a modification of the method which is harder to solve that violates Kerckhoffs's Principle
- Hints for this modification can be found in the last plaintext of the 1st part (2 mistakes) as well as in the key part on the right hand side (ABC)
- Because of this modification, the encrypted text has 52 more letters than the plaintext

