THE EINSTEIN ENIGMA

Author: Luis Hiker

Challenge (1/6)

The book "The Einstein Enigma" by J. R. dos Santos tells the exciting story of a Portuguese historian and cryptologist who becomes a double agent. While he solves his task of deciphering a manuscript titled "The Formula of God", one learns by the way what fascinating connections can exist between old religions (Taoism, Buddhism, Christianity) and modern physics.

In the puzzle he has to solve on his way, the following 6 lines appear:

Challenge (2/6)

Terra if fin
De Terrors tight
Sabbath fore
Christ nite

See sign
!ya ovqo

The first 4 lines each form an anagram and together, the 4 lines in plaintext form an expression of Einstein in German (in an anagram the plaintext letters are only rearranged, i. e. permuted).

The 5th line is also an anagram and gives the name of a book of the Bible.

The 6th line is a ciphertext derived from 2 procedures (you can ignore the exclamation mark when you find and submit the solution):

- ▶ For decryption, a variant of the mono-alphabetic substitution of the 26 capital letters must first be used: The letters at an even position are encrypted with one assignment and the letters at an odd position with a different assignment.

- ▶ The result can then be decrypted with Atbash, the second method.

The two assignments of mono-alphabetic substitution are as follows:

AB CD EF GH IJ KL MN OP QR ST UV WX YZ
FZ BV KJ XA YM EP LS DH GO RG NQ CU TW

AND

AB CD EF GH IJ KL MN OP QR ST UV WX YZ
GO XB FW TH QJ LA PZ GD ES VY CR KU HN

Challenge (5/6)

Such substitution would result in an "FGBX" from "aacc", and this would be replaced by Atbash to "UTYC".

The result of decrypting the 6th line is Hebrew for "Let there be light". Note that Hebrew (as well as other semitic manuscripts) is read from right to left. That means, if you get "kori", you have to send in "irok".

In addition, another line (one word) was found that is encrypted using the same procedure as the 6th line, but it is not in the book: AAXPWHLRXPWWM

Challenge (6/6)

Your task is to find the total solution from the 7 lines. Please enter the solution in small letters with spaces between the words.

As described, the first 5 lines are simply plaintext anagrams. Lines 6 and 7 are ciphers according to the procedure described above (from double mono-alphabetic substitution and Atbash).

Many thanks to the author of the book that this challenge can be included at MTC3.