

MysteryTwister C3

THE CRYPTO CHALLENGE CONTEST

¿NO HABLAS ESPAÑOL? – NO PROBLEMO!

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Introduction

Cryptanalysis is largely language-independent and relies more on technique than on knowledge of a particular language.

A monoalphabetic substitution cipher was used to encrypt the Spanish plaintext on the next slide.

Typical Spanish letters like ñ, á, and é were mapped to n, a and e before encrypting, so only the 26 letters from a standard alphabet a-z were used.

The codeword is the surname of two famous cryptographers in capitals, without space: SURNAME1||SURNAME2.

Ciphertext

FXPCDNBLUCXTDXILQJCHXHPJXFIDGILBDJINLOSJFXGP
LINSBXQLCXGQSCXHBJFXGJUSHQXUSJCCXISHQDXFJHSHF
SUXCFFXIXQLAFJBPMFJWNXCZSHUCSNLQJPDJHBDTDPLGJ
HBCJFLGOSJGJJHPLHBCXAXFXHBSCDHUBCXAXEXAXJHJF
NCLWJPBLSFBCXBCXBHQLQJQJGPDTCCXFLGIJHGXEJGJH
RDXQLGNLCJFJEJCPDBLXFJIXHPLHJFIXGGLTDGBDPXQLDH
UJHDLQJPLQDTPXPDLHDQJXQLMXGBXJHBLHPJGFXIXOSD
HXJHDUIXJGBJUCSNLQJPDJHBDTDPLGJINFJXAXJFOSJMLW
GJPLHGDQJXCJFNCDIJCPLINSBXQLCXSHOSJJGBXDHTLCIX
PDLHNJCIXHJPDJHGJPCJBLMXGBXIJQDXQLGQJFLGGJBJH
BXGSSGLWFXFFJUXQXQJFNLFXPLIXCDXHCJEJKGZDBCXGF
XDHRXGDLHQJGSNXDGHXBFXPIADXCDXHNXCXGDJINCJJ
FPSCGLQJFXMDGBLCDX

Hint

Every language has its own letter frequency distribution.