

MysteryTwister C3

THE CRYPTO CHALLENGE CONTEST

CASCADING ENCRYPTION – PART 2/3

Author: Arno Wacker

March 2013

In this challenge, it is your task to decrypt two messages that were both encrypted with the ADFGVX cipher.
Both German plaintexts contain a codeword. Please enter the solution in the form CODEWORD1-CODEWORD2 and use upper-case letters only.

Ciphertext 1

GGVDF DDFFD GFDDG AGDVD GDGVA DDDDG ADAGD VADDA DADDD
GDAFG ADGFD AVDGA DDGFX VDDVF DDADA AADGA FDDAG DGDGG
DDAGX GFDAG FDGFD VXGVD FDADG FDFAD DDXGA GDAAD DFADA
FGGGG GAGXA ADDDX GDDVF GFFGG FFDXF DGAVG DAAAV DVADA
FDAGG ADDGD ADGAG DVADG DADFF GADFA DFDGA GDADD GDAGD
AADFG DDVGD FDDAF DDADG DDGVD ADAFF VDADD FVDDD AAXFG
DVFGF AADDF FDDAD GDGDV DGADA AGFFG DDAVD DDGDA GADGV
FVAGV AFVVX DGAAG AFDA DDXFAG FVDDF GDAGD DDGDG GFDGG
AAADG DDADA DFFDA AADAG DGDGD GDDDD DDFAD DVFDD GGVDV
AGDGD AAVAV FGVDG GDFAD DAVFA DAGVD DAAAF FDDAD ADGDG
DFADD DAGAF AAADA DGFGD AAGAX GDAFD FFGDF VFAGV DGDDG
FDDDV DAADD GDDFD DGDGD AFGAG GVFGD DDAAA DVGAF DXFAD
VDGDD DDDDD ADVFG DDVGA VDGFF AFDDX GVFDV GFDDF DAGGD
FFXDA DX

Ciphertext 2

AFDAA AGDFD VFDGV VVFAA GFADA ADDGD DDDDD DADAG DFVFG
AAAAF GDDAD DDDGD AVDGD DDFDG DDGAD VGDDD GFDGD ADVGA
FDAFG DADDD GAFFX DDDAA GDDFG DADDD DFAAG AADFD AGXDV
DGDGV GDDDV GGFDA ADXFF AGFXA DAGFG GGFDF DFADF AFAGA
DGFDA GADDD GDGFA DGDAD GVDDF DGDVG VDADA FVDGA GDGDA
FXFFD GGVDG AGFAA AADDF FDGXD FDADA DGADV GDDGG DAFFD
ADDGD AGDDA DVVAF ADADA DFGGD AAADA DAVGA VDGFD AGGDF
GADGA FVADA DADDD ADDDA DGDGD GDAAD FVVFD FGA AV DGADD
GVGDA DGAGD VGGFD ADGDV AXGDF ADDVD DGAFF GVDGG DFDGD
DDDDF DDAGF GDAFG ADAGA VDGAF DDAGD FDAAG DGGGF AFGDG
DDAGD GAGFG GGGGG DDGDF ADADA FAGAA DDADA DVDFD XDADX
VDDAD ADAFD AAGXA DVDDG DDAGV GVADD DFFAD AGAAD ADXDD
DXVDA AAVFA DXFDG AVADD VFDVD DFDFD FFADV GFFFG FAXGD
AFDXA GGVDG AFAVG DDDAA FGAGD VFXGV DFDAD VFVFG FDFAD
DDGFD DFDGD AAAGA AADGD