

MysteryTwister C3

A CRYPTO CHALLENGE BY CRYPTOOL

DOUBLE COLUMN TRANSPOSITION

A simple but hard-to-crack encryption system

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The double columnar transposition is considered one of the best manual encryption systems. Many secret organisations have made use of it or still use it today. As there are only few publications on this method, it is not clear if and how a well-constructed double columnar transposition cipher can be broken.

CrypTool supports the double column transposition. The CrypTool documentation describes how it works.

This message has been encrypted with a double column transposition:

VESINTNVONMWSFEWNOEALWRNRNCFITEEICRHCODDEEA
HEACAEOHMYTONTDFIFMDANGTDRVAONRRRTORMTDHE
OUALTHNFHHWHLESIIAOMETOUTOSCDNRITYEELSOANGP
VSHLRMUGTNUITASETNENASNNANRTRRHGUODAAARAO
EGHEESAODWIDEHUNNTFMUSISCDLEDTRNARTMOOIREEY
EIMINFELORWETDANEUTHEEEENENTHEOOEAUEAEAHUHI
CNCGDTUROUTNAEYLOEINRDHEENMEIAHREEDOLNNIRAR
PNVEAHEOAAATGEFITWMYSOTHTHAANIUPTADLRSRSDNOT
GEOSRLAAAURPEETARMFEHIREAQEEOILSEHERAHAOTNT
RDEDRSDOOEGAEFPUOBENADRNLIEIAFRHSASHSNAMRLT
UNNTPHIOERNESRHAMHIGTAETOHSENGFTRUANIPARTAOR
SIHOOAEUTRMERETIDALSDIRUAIEFHRHADRESEDNDOION
ITDRSTIEIRHARARRSETOIHOKETHRSRUAODTSCTTAFSTHCA
HTSYAOLONDNDWORIWHLENTHHMHTLCVROSTXVDRESDR

**More information is available (in German) at:
www.heise.de/tp/r4/artikel/26/26876/1.html**

Here are a few hints:

The cleartext is written in English.

Both key words are English as well.

The key words have more than 20 letters each.

The length of the two key words is different.