

crittoanalisi di un cifrario a sostituzione

Dobbiamo decrittare il testo

QANGH	TGMYJ	XGHTN	AVUNG	TTYSH	LUXYU	OUAUD	UQQYJ	UJAXX
YNUTY	NGKGB	BUGMA	XASLG	KJUGX	YQANG	HTGMY	JXGHT	DABBY
VUJAK	TYTYT	ANGHT	JAKTY	VUJHS	SYOGH	TSAOD	JUQAD	ABBYV
GQGXG	SXGVU	IHAJJ	UQPAV	UTMAN	TYSUO	AXXYT	YTAJJ	ASXHF
AATAU	QGOUT	AXXUD	ANGQQ	ATVAN	AUJFH	YQYAD	ANNUS	QGJVG
NAJAS	XGTBA	TYTSY	QYOAG	TVGSS	AOGUJ	FGXXY	KJUAQ	PAHTL
AJKUY	NTYIH	ASXYD	ABBYV	UJAKT	YQGDU	XYTAJ	JGLYX	XAKGV
UHTMA	QQPUY	FGJAK	TGOAU	JIHGJ	AGMAM	GTYOA	OGSXN	GTXYT
UYSAT	YTQPA	XHXXU	JYQPU	GOGMG	TYOGA	SXNYQ	UJUAK	UGDAN
MUGVA	JJGDH	TXGVA	JSHYT	GSYQP	AANGS	AODNA	JHSXN	GADGY
TGBBG	QYOA	TGQUJ	UAKUG	OGXHN	GGDDA	TGOGA	SXNYQ	UJUAK
UGALL	AMUSX	YIHAI	DABBY	VUJAK	TYSUN	GJJAK	NYXHX	XYAVG

analisi delle frequenze

frequenze dei caratteri % in italiano

A 10,41	B 0,95	C 4,28	D 3,82	E 12,62	F 0,75	G 2,01	H 1,10	I 11,62
J 0	K 0	L 6,61	M 2,58	N 6,49	O 8,71	P 3,20	Q 0,75	R 6,70
S 6,04	T 6,06	U 3,04	V 1,51	W 0	X 0	Y 0	Z 0,93	

analisi delle frequenze

frequenze dei caratteri % nel nostro testo

A 13,52	B 2,41	C 0	D 2,78	E 0	F 0,74	G 11,30	H 4,26	I 0,74
J 6,85	K 2,59	L 1,11	M 1,85	N 4,44	O 2,96	P 1,11	Q 4,44	R 0
S 4,44	T 7,78	U 8,52	V 2,78	W 0	X 6,48	Y 8,89	Z 0	

proviamo A=e

QeNGH	TGMYJ	XGHTN	eVUNG	TTYSH	LUXYU	OUeUD	UQQYJ	UJeXX
YNUTY	NGKGB	BUGMe	XeSLG	KJUGX	YQeNG	HTGMY	JXGHT	DeBBY
VUJeK	TYTYT	eNGHT	JeKTY	VUJHS	SYOGH	TSeOD	JUQeD	eBBYV
GQGXG	SXGVU	IHeJJ	UQPeV	UTMeN	TYSUO	eXXYT	YTeJJ	eSXHF
eeTeU	QGOUT	eXXUD	eNGQQ	eTVeN	eUJFH	YQYeD	eNNUS	QGJVG
NeJeS	XGTBe	TYTSY	QYOeG	TVGSS	eOGUJ	FGXXY	KJUeQ	PeHTL
eJKUY	NTYIH	eSXYD	eBBYV	UJeKT	YQGDU	XYTeJ	JGLYX	XeKGV
UHTMe	QQPUY	FGJeK	TGOeU	JIHGJ	eGMeM	GTYOe	OGSXN	GTXYT
UYSeT	YTQPe	XHXXU	JYQPU	GOGMG	TYOGe	SXNYQ	UJUeK	UGDeN
MUGVe	JJGDH	TXGVe	JSHYT	GSYQP	eeNGS	eODNe	JHSXN	GeDGY
TGBBG	QYOeH	TGQUJ	UeKUG	OGXHN	GGDDe	TGOGe	SXNYQ	UJUeK
UGeLL	eMUSX	YIHeJ	DeBBY	VUJeK	TYSUN	GJJeK	NYXHX	XYeVG

Digrammi frequenti in italiano (nell'ordine):

er, es, on, re, el, en, de, di, si, ti, la, al

Nel nostro testo:

AN (9), YT (9), AJ (6), VU (5).

(le nostre vocali sono probabilmente G, U, Y)

G=a, N=r, ?? Y=o, T=n, U=i ??.

QeraH naMoJ XaHnr eVira nnoSH LiXoi OieiD iQqoJ iJeXX
orino raKaB BiaMe XeSLa KJiaX oQera HnaMo JXaHn DeBBo
ViJeK nonon eraHn JeKno ViJHS SoOaH nSeOD JiQeD eBBoV
aQaXa SXaVi IHeJJ iQPeV inMer noSiO eXXon oneJJ eSXHF
eenei QaOin eXXiD eraQQ enVer eiJFH oQoeD erriS QaJVa
reJeS XanBe nonSo QoOea nVaSS eOaiJ FaXXo KJieQ PeHnL
eJKio rnoIH eSXoD eBBoV iJeKn oQaDi XoneJ JaLoX XeKaV
iHnMe QQPio FaJeK naOei JIHaJ eaMeM anoOe OaSXr anXon
ioSen onQPe XHXXi JoQPi aOaMa noOae SXroQ iJieK iaDer
MiaVe JJaDH nXaVe JSHon aSoQP eeraS eODre JHSXr aeDao
naBBa QoOeH naQiJ ieKia OaXHr aaDDe naOae SXroQ iJieK
iaeLL eMiSX oIHeJ DeBBo ViJeK noSir aJJeK roXHX XoeVa

QeraH naMoJ XaHnr eVira nnoSH LiXoi OieiD iQqoJ iJeXX
orino raKaB BiaMe XeSLa KJiaX oQera HnaMo JXaHn DeBBo
ViJeK nonon eraHn JeKno ViJHS SoOaH nSeOD JiQeD eBBoV
aQaXa SXaVi IHeJJ iQPeV inMer noSiO eXXon oneJJ eSXHF
eenei QaOin eXXiD eraQQ enVer eiJFH oQoeD erriS QaJVa
reJeS XanBe nonSo QoOea nVaSS eOaiJ FaXXo KJieQ PeHnL
eJKio rnoIH eSXoD eBBoV iJeKn oQaDi XoneJ JaLoX XeKaV
iHnMe QQPio FaJeK naOei JIHaJ eaMeM anoOe OaSXr [anXon](#)
[io](#)Sen onQPe XHXXi JoQPi aOaMa noOae SXroQ iJieK iaDer
MiaVe JJaDH nXaVe JSHon aSoQP eeraS eODre JHSXr aeDao
naBBa QoOeH naQiJ ieKia OaXhr aaDDe naOae SXroQ iJieK
iaeLL eMiSX oIHeJ DeBBo ViJeK noSir aJJeK roXHX XoeVa

X=t

QeraH naMoJ taHnr eVira nnoSH Litoi OieiD iQQoJ iJett
orino raKaB BiaMe teSLa KJiat oQera HnaMo JtaHn DeBBo
ViJeK nonon eraHn JeKno ViJHS SoOaH nSeOD JiQeD eBBoV
aQata StaVi IHeJJ iQPeV inMer noSim etton oneJJ eStHF
eenei QaOin ettiD eraQQ enVer eiJFH oQoeD erriS QaJVa
reJeS tanBe nonSo QoOea nVaSS eOaiJ Fatto KJieQ PeHnL
eJKio rnoIH eStoD eBBoV iJeKn oQaDi toneJ JaLot teKaV
iHnMe QQPio FaJeK naOei JIHaj eaMeM anoOe maStr anton
ioSen onQPe tHtti JoQPi aOaMa noOae StroQ iJieK iaDer
MiaVe JJaDH ntaVe JSHon aSoQP eeraS eODre JHStr aeDao
naBBa QoOeH naQiJ ieKia OatHr aaDDe naOae StroQ iJieK
iaeLL eMiSt oIHeJ DeBBo ViJeK noSir aJJeK rotHt toeVa

aMeM anoOe OaStr anton
ioSen onQPe tHtti JoQPi aOaMa noOae StroQ iJieK iaDer

M=v, S=s, O=m.....

la sostituzione è

a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	u	v	w	x	y	z
G	L	Q	V	A	F	K	P	U	-	-	J	O	T	Y	D	I	N	S	X	H	M	-	-	-	B

il testo in chiaro è:

cerau navol taunr edira nnosu bitoi mieip iccol ilett
orino ragaz ziave tesba gliat ocera unavo ltaun pezzo
dileg nonon eraun legno dilus somau nsemp licep ezzod
acata stadi quell iched inver nosim etton onell estuf
eenei camin ettip eracc ender eilfu ocoep erris calda
reles tanze nonso comea ndass email fatto gliec heunb
elgio rnoqu estop ezzod ilegn ocapi tonel labot tegad
iunve cchio faleg namei lqual eavev anome maestr anton
iosen onche tutti lochi amava nomae stroc ilieg iaper
viade llapu ntade lsuon asoch eeras empre lustr aepao
nazza comeu nacil iegia matur aappe namae stroc ilieg
iaebb evist oquel pezzo dileg nosir alleg rotut toeda