



Région académique  
HAUTS-DE-FRANCE

Tgevqt cv'f g'h)cecf 2 o lg'f g'Nlmg  
42. 't wg'UclpV'Lces wgu'  
DR'92; "  
7; 255'NKNG'E GF GZ ''''

'GZ RGF KVGWT

'F GUVK CVCKTG

'F RR'Dwt gc'w'f gu'c'cekf gpw't t qlgukppgn

F QUUKGT 'C' TGO RNKT  
RCT 'NC' XKE VKO G

F GENCT CVKQP 'F) CEEKF GP V'F G'UGTXKEG. F WVT CXCKN'QWF G'TGEJ WGW'  
\*r gt uqppgn'f kt gevgo gpv't 2 o wp 2 t 2 u'lw'f 'ig'd'wf i gv'f g'h)Gw v+'''

C' TGO RNKT 'C' N) GP ET G'DNGWG

P g'f cu'w'ldugt 'égv'ko r t lo 2 'r qwt 'igu'f gt uqppgn'f t ku'gp'ej cti g'r ct 'ie' ERCO '\*pqp 'kww'kt gu't get w 2 u'k''  
vgo r ulpego r rgy'gv'qw'r qwt 'wpg'f w 2 g'lp'f t l'gwt g'k' 'wp'cp. 'f gt uqppgn't 2 o wp 2 t 2 u'f ct 'igu'GRNG-0''

F CVG'F G'N) CEEKF GP V'z'.....'F CVG'F G'NC' TGEJ WGW'z'

\*eqej gt 'ie' ecug' eqttgur qpf cpvg+

V[ RG'F) CEEKF GP V'z'      Ceekf gpv'lw'f 'ig'h'gw'f g'tcxcln      Ceekf gpv'f g'tclgv      Ceekf gpv'gp'o kuukp

TGPUGH PGO GPVUEQPEGT PCP V'NC' XKE VKO G'z'

O o g      O O

P qo 'f g'pckucpeg'z'.....'P qo 'f) wuci g'z'

Rt 2 p qo u'z'

.....  
F cvg'f g'P ckucpeg'z'.....'P wo 2 tq'RP UGG'z'

P wo 2 tq'f) Ci gpv'P WO GP +z'

Cf t gug'r gt uqppgn'g'z'

Eqf g'r qucriz'.....'Xkrig'z'

V 2 r r j qpg'z'

qw  
Cf t gug'2 rgevtpks w'g'z'.....'B ''  
\*icwncvht

UVCVW'GV'ECVGI QTK'F'G'N)CI GPV'<'

""Uci lckg"\*\*\*\*\*Vkwrc'k'g"\*\*\*\*\*P qp\'kwrc'k'g"\*\*\*\*\*O c ,t'g'«\'k'g'f'²h'p'k'h"l"\*\*\*\*\*C"\*\*\*\*\*D"\*\*\*\*\*E"

I'TCF'G/'F'F'ERNIP'G/'HQPE'VRQP"\*\*\*gp\'q'w'g'u'g'w'g'u'<"

PQO 'GV'CF T GUUG'F'G'N)GE QNG'IF'G'N)GVCDNKUGO GP V'IF WUGTXIE G

\*ig'ecu'² ej ² cpv'lpf'ks wgt'h'² vcd'kuugo gpv'f'g'tc'w'ej go gpv'<

Eqf'g'Rquwci'<"\*\*\*\*\*X'k'ng'<'<

V²'f'r'j'q'p'g'f'g'h'² vcd'kuugo gpv'<

Cf't'g'u'g'²'g'e'v't'q'p'k's'w'g'r't'q'h'g'u'k'q'p'p'g'm'g'<"\*\*\*\*\*B

TGPUGH PGO GPVUEQPEGTPCPV'N)CEEK'GPV'<

F'c'g'f'g'h'²'c'ee'k'f'g'p'v'<"\*\*\*\*\*J'g'w'g'f'g'h'²'c'ee'k'f'g'p'v'<"\*\*\*\*\*j

F'c'g'f'g'h'²'c'h'g'e'v'k'q'p'f'c'p'u'g'r'q'u'g'q'e'w'²'c'w'o'q'o'g'p'v'f'g'h'²'c'ee'k'f'g'p'v'<

J QTCK'GUF'G'VTCXCK'NG'LQWT'F'G'N)CEEK'GPV'<

.....O CVR .....CRTGU/O K'K".....UQK' f'g'.....j .....« .....j .....f'g'.....j .....« .....j .....f'g'.....j .....« .....j "

S'WQVK'G'F'G'UG'XIEG"\*\*\*gp'r'q'w't'eg'p'ci'g'<"\*\*\*\*\*

NGWRTGEK'F'G'N)CEEK'GPV'<

EKTEQP'UVCPEGUF'GVCK'NGGUF'G'N)CEEK'GPV'QWF'G'NC'TGEJ'WG''

\*gp'x'k'q'p'p'g'o'g'p'v'<'u'c'ng'f'g'eq'w'u.'d'w'g'c'w.'g'ue'c'k'g't.'h'd'q't'c'v'k'g'g'e.'v'ej'g'g'z'²'ew'²'g.'i'g'ug'g'h'g'ew'²'<

.....



PCVWTG'F'G'N)CEEK'GPV'<

....."cevkxk²'ur qt vkg".....ej wg'f)qdlgv".....gZR qukkqp".....o cpwgp vkp  
....."ceekf gpvf g'rc'xqlg'r wdrks wg"....."eqpvcv\*ri tqf wkv+Ij gwtv\*o gwdrg+.....i rkuacf g".....tkus wgu'r u{ ej quqekcwz  
....."ci tguukqp".....² rgevt kucvkqp"1² rgevt qewkqp".....j gwtvf g'r gtuqppg".....vqtukqp".....  
....."ej wg'f g'r gtuqppg".....gZR rquukqp".....  
....."cwtg

Gr? o gpv?o c² tgn'cuuqek² "«n'ceekf gpv\*o cej kpg."qwn "qwnk«"o clp."x² j lewg."gveí +<

.....  
NGUDNGUWT'GU'QWNGUKQP'U'QP'V'NGU'UW&CP'V'GU'<.....\*r t² ekugt "e/½² "f tqk'qwi cwej g'lg'ecu² ej gcpv!"

F'CVG'F'G'N'C'E'QP'UVCVCVKQP'O'GF'ÆCNG'F'G'UNGU'KQP'U'<

Lqlpf t g'qdri cvqlt go gpv'igu'xqrgu'3'gv'4'qt li kpcwz'f w'egt vllcev'ó ² f lecnrlpkknf ² et kcpv'igu'fi ukpu'gv'  
<sup>2</sup> wdrkf cpu'igu'46'qwi'igu'6: 'j gwt gu's wkkpvlw&kh)ceekf gpv0

UKGI'G'F'G'UNGU'KQP'U

"  
"Et -pg "f"gwz""  
"O go dt g'lw² tlgwt "" "ò krif tqkv  
"" "² r cwg" "" "ò krif cwej g"  
""tcej ku'egt xlecn "Vt qpe  
"" 'dtcu "" "eqw"  
"" "cxcpv'dtcu "" "eqmppg"xgt² dtcrg  
"" "eqwf g" "" 'j qtcz  
"" 'r qki pgv ""e/½gu  
"" "O clp" ""r qwo qpu  
"" 'r qweg" ""tcej ku'f qtucn  
"" "cwtg\*u+f qki v'u+\*ri t² ekugt+ ""tcej ku'qo dckg  
"" "Hceg "" "dcuukp  
"" "tqpV "" "cdf qo gp"  
"" "pgl " ""e qee {z  
"O go dt g'lpf tlgwt "F gpv\*u+  
"" 'j cpej g "" "O -ej qktg'lpf tlgwtg"  
"" "tguukgt "" "O -ej qktg'lw² tlgwtg"  
"" "ewkug ""  
"" 'i gpqw' ""  
"" "lco dg ""  
"" "o qngv ""  
"" "ej gxkng ""  
"Rlgf " Rgcw  
"" "qtvkn\*u+\*ri t² ekugt+< " Cwt gu'fi ukpu'\*ri t² ekugt +  
"

PCVWIGFGU'NGUKPU"ezej gt'rc'ecug"eqttgur qpf cpv'«'rc'if ukqp'r t lpekrcrg+<

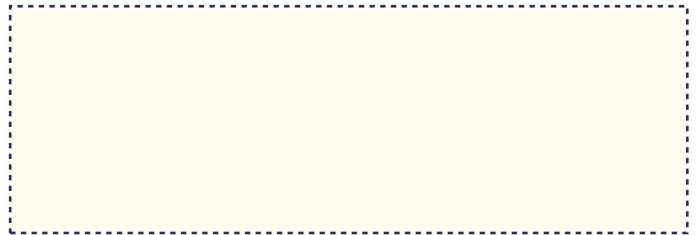
'Chgevkqp" tgur ktcvktg	'F qwrgwt	"N² ukqp pgwtqmi ks wg"	"Vtqwdrg'cwf kkh
'Co r wcvkqp	'Getcugo gpv	""N² ukqp"t'vcwo cvkuo g"	"Vtqwdrg'ugpuqtkg
'Cur j {zkg	'Gpvqtug	r u{ej qmi ks wg	"Vtqwdrg'xluwgn
'Dt Âwtg.'i gwtg	'Hicewtg	"Nwo dci q'gv uelc'ks wg"	"
'Egtxlecri kg	""J gtpkg"	""Rrckg"/'r ks Âtg"	
'Eqo o qvkqp	""Kphro o cvkqp	""Vtcwo cvkuo g"et-plgp	
'Eqpwukqp	'Kpvzkecvkqp	"Vtcwo cvkuo g"	
"F gto kg."gel ² o c"	"N² ukqp" rki co gpvckg'qw o wuewrckg"	kpvtpg	

'Cwtg"<

"  
NoCEEFGPV'C/V/KN'GW'FGU'VGO QRP UA \*Tgo r rkt'rc'twdtks wg'3"qw4 "qam'cvkrgo'gpv+  
"

3+ "UKqwk'hc'kg'tgo r rkt'ek'f guuqwu'r ct'rgu'v² o qlpu."qw'lqkpf tg'rgwt \*u+f² r qukkqp \*u+f cv² g \*u+gv'uki p² g \*u+cxge'pqo \*u+r t² pqo \*u+."  
hqvckqp."cf tguug \*u+<

F cvg"<..... Uli pcwtg'f w'f gu'v² o qlpu'<



4+ "UKpqp."ud'ipø{'c'r cu'gw'f g'v² o qlpu'qewckgu."h'rg'tgo r rkt'ek'f guuqwu'r ct'rgu'v² o qlpu."qw'lqkpf tg'rgwt \*u+f² r qukkqp \*u+f cv² g \*u+gv'uki p² g \*u+cxge'pqo \*u+r t² pqo \*u+."  
rceekf gpv'c'² v² 'uki pcif'gp'kpf ks wcpv'ugu'eqqt'f qpp² gu'qw'lqkpf tg'wp'g'c'wgu'cvkqp+<

'Rt² elugt'rc'f cvg'gv'ij gwtg'«'rcs wng'rc'xkcvlo g'c'li pcif'nceekf gpv'«'rc'rgtuqppg'li pcwckg0

F cvg"<..... Uli pcwtg'f g'rc'r tgo k² t'g'rgtuqppg'cxgt'kg"

