

: 7`A Ya a ]b[ Yb`g]W\ Yfh`g]W\ `Di b\_h[ Y[ Yb  
XYb`GJ`9f`VUW\`]b`dUW\_YbXYa`8i Y`

⇒ `Gd]hnYbgd]Y`XYf`6UmYfb`][ U`hfYbbhYb`g]W\`: 7  
A Ya a ]b[ Yb`i bX`GJ`9f`VUW\`%`%ž`hfchn`l bhYfnU\`  
Yf\_Àa dZhYb`g]W\`X]Y`A Ya a ]b[ Yf`Y]bYb`k ]W\h][ Yb`Di b\_h`

⇒ Y]bYa`gdUbbYbXYb`i bX`Ufh`i a \_Àa dZhYb`8i Y`]b`XYf  
6UmYfb`][ U`hfUZyb`XYf`: 7`A Ya a ]b[ Yb`i bX`XYf`GJ`9f`VUW\`  
Ui Z]bUbXYf`"8 Ug`Gd]Y`ž`XUg`Ua`j Yf[ Ub[ YbYb`K`cW\YbYbXY  
ghUhhZUbXž`YbXYhY`a ]h`Y]bYa`[ YfYW\hYb`%`%l bYbhgW\]YXYb`  
6Y]bU\Y`+\$`A ]bi hYb`Ub[ `gd]Y`hY`XYf`: 7`A Ya a ]b[ Yb`]b  
l bhYfnU\`ž`bUW\XYa`Y]b`Gd]Y`Yf`Ui Z[ fi bX`Y]bYf`fchYb`?UfhY`XYg  
: Y`XYg`j Yfk ]YgYb`k i fXYž`k Ug`X]Y`8fUa`Uhi f[ ]Y`XYf`DUfh]Y`bi f  
bcW\`j Yfgh`Àf\_hY`"J`cf`]bg[ YgUa`h`\*+\$`Ni`gW\Ui Yfb`nY][ hY`XYf`: 7A  
Y]bY`VYY]bXfi W\_YbXY`\_Àa dZf]gW\Y`@Y]ghi b[ "

6YfY]hg`]b`XYf`YfghYb`A ]bi hY`bU\`a`XUg`Gd]Y`Y]bY`i bYfk UfhYhY  
K YbXi b[ ž`U`g`K`c`Z[ Ub[ `Nk Y]\_Ua`dZ]Yf`YmhY`i bX`Ui`g[ Yk`YW\gY`h`k`YfXYb`a`i`gghY`"8`cW\  
X]Y`A Ya a ]b[ Yf`a`UW\hYb`\`fY`GUW\Y`VYggYf`i bX`[ ]b[ Yb`gW\`bY`  
]b`: Ø\fi b[ "⇒ XYf`gYW\ghYb`A ]bi hY`hfUZ`8Uj ]X`6Ui Yf`bUW\`Y]bYa  
: fY]ghc`»`j`cb`A`Ul`ja`]Ub`8c`]bg\_]`dYf`?`cdZ`Y]bY`ZfØY`6Y`c\`bi`b[  
ZØf`XYb`c`ZYbg]j`Yb`5bgUhn`XYf`;`Ugh[ YVYf`"8Yf`: 7A`k`c`hY`XUfUi`Z  
Ui`ZVUi`Ybž`YXcW\`Y]Y`XYf`b`ÀW\ghY`HfY`ZYf`Ui`Zg]W\`k`UfhYb`"

### GW\`ØggY`a`ca`YbhY`XYf`YfghYb`<`U`V`nY]h

⇒ XYf`&`"A ]bi hY`Zc`[ hY`XYf`YbhgW\Y]XYbXY`A`ca`Ybh`XYg`Gd]Y`g.  
8Uj ]X`A ]\U`^`c`j`]Wž`Y]b`Gd]Y`Yf`XYg`: 7`A Ya a ]b[ Ybž`k`i`fXY`bUW\  
Y]bYf`U`g`HÀh]W\`\_Y]h[ Yk`YfhYhYb`5\_h]cb`XYg`: Y`XYg`j`Yfk ]YgYb`  
8]Yg`VfUW\hY`X]Y`A Ya a ]b[ Yf`]b`Y]bY`dfY`\_ÀfY`@U[ Yž`gc`XUgg`g]Y

XYb`fYgh]WYb`Gd]Y`j Yf`Ui Z`i b`i bhYfnU`U[ ]YfYb`a i gghYb`  
9f`VUW`bi hnhY`X]Y` ; Y`Y[ Yb`Y]hž`ØVYfbU`a `X]Y`?cbhfc`Y`ØVYf`XUg  
Gd]Y`i bX`UhhY`a Y`fYfY`7`UbWbž`XcW`XYf` : 7`A Ya a ]b[ Yb`Y`h  
a ]h`ghUf`Yf`5Vk Y`fUfVY]h`XU[ Y[ Yb`

⊕`XYf`&- ``A ]bi hY`UhhYb`X]Y` ; ĀghY`X]Y`YfghY`[ fc»Y`7`UbW`ž`U`g  
: `cf]Ub`K ]YX`UVnc[ ž`YXcW`\_bUdd`Ua`Hcf`j cfVY]`gW`cgg``5i W  
6Yb`Ua ]b`GW`Yh`k U[ bYf`UhhY`\_i fn`XUfUi Z`Y]bY`A Ò[ `]W`\_Y]hž  
XcW`Ui W`gY]b`GW`i gg[ ]b[ `k Y]h`XUbYVYb``8Yf` : 7`A Ya a ]b[ Yb  
nY][ hY`g]W`hfc`hn`XYf`fchYb`?UfhY`hUdZYf`/Y]b`?cdZVU``j cb`8Uj ]X  
FYa ] [ Yf`b`XYf`` ) ``A ]bi hY`hfUZ`YXcW`bi f`XUg`@UhhYb`\_fYi n``⊕  
XYf`BUW`gd]Y`nY]h`XYf`YfghYb`<U`VnY]h`\_Ua`Yg`XUbb`ni a  
5i g[ `Y]W``G]a cb`<Y`ZhYf`hfUZ]bg`cVYfY`9W`\_i bX`ghY`hY`gca ]h`Ui Z  
%.%`8]YgYg`Hcf`Z]Y`\_i fn`j cf`XYf`DUi gYž`k Ug`X]Y`Gh]a a i b[ `Ui Z  
XYf`9f`VUW`Yf`GY]hY`Ui Z`Y`hY`

K`Ā`fYbX`X]Y`nk Y]hY`<U`VnY]h`VY[ UbbYb`VY]XY`A UbbgW`UZhYb  
Y`Yf`ni fØW`U`hYbXž`j Yfgi W`hY`A Ya a ]b[ Ybž`X]Y`bi a Yf]gW`Y  
I bhYf`Y[ Yb`Y]h[ YgW`]W`h`Ui gni`gd]Y`Yb``9f`VUW`\_`b[ Y[ Yb  
k UfhY`hY`Ui Z`X]Y`f]W`h[ Y` ; Y`Y[ Yb`Y]hž`i a `XYb`8fi W`\_ni `Yf`Ø`Yb`  
8Yb`bcW`k ]f`\_hY`XUg`Gd]Y`\_Ui Z`VY]XYb`GY]hYb`]a a Yf`nYfZU`fYbYfž  
k Ug`XYa` : 7`A Ya a ]b[ Yb`ni [ i hY`\_Ua`ž`XU`g]Y`gc`j]`fY`XYZYbg]Y  
GhĀf`\_Y`VYggYf`nY][ Yb`\_cbbhYb`

⊕`XYf`\* +``A ]bi hY`YfUfVY]hYhYb`g]W`X]Y`A Ya a ]b[ Yf`]fY`YfghY  
[ i hY`7`UbW`]b`XYf`nk Y]hYb`<U`VnY]hž`XcW`XYf`?cdZVU``j cb  
6Ui Yf`[ ]b[ `ØVYf`XUg`Hcf``8]Y`YhnhYb`A ]bi hYb`XYg`Gd]Y`g`k i fXYb  
]a a Yf`\_Y`\_h]gW`Yf``A Ya a ]b[ Yb`k`c`hY`XYb`G]Y[ `i bX`gYhnhY`U`Yg  
Ui Z`Y]bY`?UfhY`ž`XcW`DUgW`\_A U]Yf`gW`Y]hYfhY`a ]h`Y]bYa  
8fY`gW`i gg]b`XYf`, \*``A ]bi hY``a` ; Y[ Ybni [ `UhhY`@Ycb`UfX`H`Y`  
X]Y`7`UbW`ž`XUg`Gd]Y`ZØf`9f`VUW`\_ni `Yb`hgW`Y]XYb`ž`gYhnhY`XYb`6U`  
YXcW`Ua`Hcf`j cfVY]`

## Gd]Y`j Yf`Ui Z`i bX`GhUh]gh]\_Yb

8Ug`i bYbhgW`]YXYb`V`]YV`V]g`ni a`9bXY`XYg`Gd]Y`g`VYghY`Yb``⊕  
XYb`YhnhYb`nY`b`A ]bi hYb`XYf`ØVYfUi`g`gdUbbYbXYb`DUfh]Y  
dUgg]YfhY`b]W`hg`a Y`fž`i bX`XUg`9bXYf[ YVb]g`j cb`%.%`k Uf`Yhnh]W`

ZU]f"6Y]XY`HYUa`g`nY][`hYb`Y]bY`ghUf`\_Y`5V`k`Y`f`z`k`c`X`i`f`W`X`Y`  
 Ni`g`W`U`i`Y`f`Y`b`Y`a`c`h]c`b`U`Y`g`i`b`X`]b`h`Y`b`g]j`Y`g`G`d]Y`V]Y`h`Y`b`\_`c`b`b`h`Y`b`"  
 HfU]b`Y`f`A`U`h`h]U`g`;`Ø`b`Y`g`j`c`a`:`7`A`Y`a`a`]b[`Y`b`\_`U`h`h`f`c`h`X`Y`f`  
 k`X]f][`Y`b`i`a`g`h`A`b`X`Y`U`Y`b`;`f`i`b`X`n`i`f`N`i`Z]f]Y`X`Y`b`\_`Y]h`z`X`U`g`Y]b`Y`  
 A`U`b`b`g`W`U`Z`h`Y]b`Y`g`h`U`f`\_`Y`@]g`h`i`b[`n`Y][`h`Y`i`b`X`g]W`X`Y]b`Y`b`D`i`b`\_`h`  
 Y`f`\_`A`a`d`Z`h`Y`"

8]Y`5`i`Z`g`h`Y``i`b[`X`Y`g`:`7`A`Y`a`a`]b[`Y`b`i`a`Z`U`g`g`h`Y`i`b`h`Y`f`U`b`X`Y`f`Y`a`  
 X`Y`b`H`c`f`\_`Ø`h`Y`f`@`\_`U`g`8`U`G]j`U`D`Ø`h`n]b[`Y`f`g`c`k`]Y`G`W`X`Ø`g`g`Y`g`d]Y`Y`f`  
 k`]Y`8`c`]b`g\_]i`b`X`6`U`i`Y`f`"9`f`V`U`W`X`g`h`U`f`h`Y`h`a`]h`5`"G`h`Y`Y`f`]a`H`c`f`z`i`b`X`  
 h`f`c`h`X`Y`f`Z`Ø`Y`b`J`Y`f`Y`h`n`i`b[`j`c`b`<`U`b`z`d`f`A`g`Y`b`h]Y`f`h`Y`g]W`X`Y`  
 A`U`b`b`Y`b`i`a`H`f`U]b`Y`f`H`c`f`g`h`Y`b`G`h`Y`Y`f`\_`A`a`d`Z`Y`f]g`W`X`9]b`Y`f`c`h`Y`?`U`f`h`Y`  
 i`b`X`n`U`\_`f`Y]W`X`Y`7`\_`U`b`W`X`b`d`f`A[`h`Y`b`X`Y`b`J`Y`f`U`i`Z`X]Y`g`Y`g`g`d`U`b`b`Y`b`X`Y`b`  
 G`d]Y`g`"

### A`U`b`b`g`W`X`U`Z`h`g`U`i`Z`g`h`Y``i`b[`Y`b`

:`7`A`Y`a`a`]b[`Y`b`\$`+`	G`J`9`f`V`U`W`X`
8`U`G]j`U`D`Ø`h`n]b[`Y`f`	5`" `G`h`Y`Y`f`
8`c`]b`g_]f`_`\$`Z`&`A`U`h`_`c`j`]W`X`	:`]g`W`X`Y`f`
6`U`i`Y`f`	C`V`Y`f`a`Y]Y`f`
;`f`A`g`Y`f`	G`W`X`Y`h`h`k`U[`b`Y`f`f`l`-`" `?`Ø`b][`Ł`
F`Y`a`_]Y`f`	H`" `G`h`Y`Y`f`
G`d]n`Y`f`h`f`(`*`" `6`Y`f`[`a`U`b`b`Ł`	G`U`a`a`Y`f`Y]Y`f`
F`]Y`h`n`Y`f`	H`_`]Y`
A`_`U`^`c`j`]W`	K`]Y`X`" `f`*`+`" `?`]f`W`X`[`Y`g`g`b`Y`f`Ł`
?`c`" `Y`f`f`l`%`" `8`" `;`Ø`b`Y`g`Ł`	J`c`[`_`
A`U]Y`f`	<`U`b`f`l`)" `G`c`_`c`#`-`" `K`]b`h`Y`f`Ł`
6`f`U`i`b`f`*`&`" `@`c`W`X`V`f`i`b`b`Y`f`Ł`	<`Y`Z`h`Y`f`

9]b`C`f`h`z`U`b`X`Y`a`g]W`X`n`k`Y]U`V`k`Y`f`g`h`U`f`\_`Y`H`Y`U`a`g`V`Y[`Y[`b`Y`b`i`b`X`  
 V`Y`Y]b`X`f`i`W`\_`Y`b`X`Y`@]g`h`i`b[`Y`b`n`Y][`Y`b`z`\_`A`g`g`h`X]Y`G`d`U`b`b`i`b[`]b`X`Y`f`  
 @][`U`k`Y]h`Y`f`\_`]b`\_`c`W`X`\_`U`h`Y`b`"8]Y`N`i`g`W`U`i`Y`f`\_`Ø`b`b`Y`b`g]W`X`U`i`Z`  
 n`i`\_`Ø`b`Z`h][`Y`G`d]Y`Y`Z`f`Y`i`Y`b`i`b`X`U`f`Y`k`]f`X`]b`h`Y`f`Y`g`g`U`b`h`g`Y]b`z`n`i`g`Y`\_`Y`b`z`  
 k`]Y`g]W`X`V`Y]X`Y`H`Y`U`a`g`]a`\_`@`U`i`Z`Y`X`Y`f`G`U]g`c`b`Y`b`h`k`]W`\_`Y`b`k`Y`f`X`Y`b`"

8`Y`f`:`7`A`Y`a`a`]b[`Y`b`i`b`X`X`Y`f`G`J`9`f`V`U`W`X`\_`U`V`Y`b`]b`X`Y`f`6`U`m`Y`f`b`  
 @][`U`Y]b`g`d`U`b`b`Y`b`X`Y`g`8`i`Y`" `U`i`g[`Y`h`f`U[`Y`b`z`X`U`g`h`f`c`h`X`Y`f`i`b`h`Y`f`n`U`\_`

XYg: 7'A Ya a ]b[ Yb'ZØf'VY]XY'A UbbgW UZhYb'j cb'6YXYi hi b[ 'k Uf"  
Gc`WY'6Y[ Y[ bi b[ Yb'g]bX'b]W h'bi f'gdcfh]W Yf'B Uhi fž'gcbXYfb  
\UVYb'cZi'Ui W`[ YgY`gW UZh]W Y'i bX'k ]fhgW UZh]W Y  
5i gk ]f\_i b[ Yb'Ui Z'X]Y'VYhY][ hYb'J YfY]bY'i bX'XYfYb'I a Z'X"8 ]Y  
b]YXf][ Yb'Ni gW Ui YfnU\`Yb'i bX'X]Y'G]hi Uh]cb'XYf'J YfY]bY'k YfZYb  
: fU[ Yb'ni f'Z]bUbn]Y`Yb'@U[ Y'a '5a UhYi fZi » VU``Ui Z'

⇒ XYb`YhnhYb'Δ\ fYb'\UVYb'j ]Y`Y: i » VU``j YfY]bYž]bgVYgcbXYfY  
]b'i bhYfYb'@[ Ybž'a ]h'XYb'Z]bUbn]Y`Yb': c`[ Yb'XYf  
7CJ -8!%- !DUbXYa ]Y'ni 'Àa dZYb"8 ]YgY'G]hi Uh]cb'\Uh'X]Y  
9]bbU\ a Yb'Ui g'H]W\_Yhj Yf\_Ài ZYb'ghUf'\_VYY]bhfÀW h][ hž'k Ug'g]W  
X]fY\_h'Ui Z'X]Y'Z]bUbn]Y`Y'GhUV']hÀh'XYf'7'i Vg'Ui gk ]f\_h"8 Yf': 7  
A Ya a ]b[ Ybž'XYf'Ui Z'Y]bY'hfYi Y'5b\Àb[ YfgW UZh'gYhYb'\_Ubbž']gh  
XYbbcW`Ui Z'ni gÀh`W Y'Z]bUbn]Y`Y'A ]hY`Ub[ Yk ]YgYbž'i a`XYb  
Gd]Y'VYhf]YV`Ub[ Zf]gh][ 'Ui ZfYW hni Yf\U'hYb"8 Yf'J YfY]b'\Uh]b'XYf  
J Yf[ Ub[ Yb\Y]h'5\_h]cbYb'ni f'A ]h[ `]YXYfk YfVi b[ 'i bX  
GdcbgcfYbU\_ei ]gY'[ YghUfhYhž'i a`X]Y'? UggYb'ni 'ZØ`Yb"

## 9]bZ'i gg'j cb'Ni gW Ui Yfb'Ui Z'X]Y '@Y]ghi b[

8]Y'6YXYi hi b[ 'XYf'Ni gW Ui Yf'\_Ubb'b]W h'\cW`[ Ybi [ Y]b[ YgW Àhnh'k YfXYb"9]bY'5ha cgd\ÀfYž'X]Y'Xi fW  
'Y]XYbgW UZh]W Y': Ubg'[ YgW UZZYb'k ]fXž'\_Ubb'ZØf'X]Y'Gd]Y'Yf  
Y]bYb'YbhgW Y]XYbXYb'I bhYfgW ]YX'Ui ga UW Yb"8 ]Y  
I bhYfghØhni b[ 'j cb`\* +\$: Ubg']b'A Ya a ]b[ Yb'k Uf'nk Uf'gdØfVUfž  
XcW`\UVYb'j ]Y`Y'J YfY]bY'GW k ]Yf][ \_Y]hYbž]\fY'Gd]Y`Y'j cf  
j c`YfYb'FÀb[ Yb'Ui gni hfU[ Yb"8 ]Y'Ya ch]cbU'Y'J YfVi bXYb\Y]h'XYf  
: Ubg'ni ']\fYb'HYUa g'V`Y]Vh'YXcW`Y]b'niYbhfU`Yf'6YghUbXhY]'XYg  
5a UhYi fZi » VU``g"

⇒ XYf'J Yf[ Ub[ Yb\Y]h'[ UV'Yg'a Y\ fYfY'j Yf[ `Y]W VUfY'G]hi Uh]cbYb  
]a`XYi hgW Yb': i » VU``ž'VY]'XYbYb'HYUa g'i bhYf'À\ b`]W Yb  
6YX]b[ i b[ Ybž'k ]Y'Yhk U'Y]bYa 'Gd]Y'Yf'k Yb][ Yf'Ui Z'XYa ': Y`X  
cXYf'XYf'K ]hYfi b[ ž'gd]Y`Yb'a i gghYb"5i W`]b'XYb'fY[ ]cbU`Yb  
@[ Yb'\_Ua`Yg'\Ài Z][ 'j cfž'XUgg'HYUa g']b'I bhYfnU\`XYb  
?Ua dZ[ Y]ghi bX'X]Y'A cfU`Ui ZVfUW hYbž'i a`hfch'XYf  
< YfUi gZcfXYfi b[ Yb'ni 'VYghY\Yb"9]b'6Y]gd]Y``\]YfZØf']gh'XYf': 7  
5i [ gVi f[ ž'XYf]b'XYf'6i bXYg][ U'a Y\ fZUW`VYk ]YgYb'\Uhž'XUgg

gY`Vgh]b`gWk ]Yf][ Yb`G]hi Uh]cbYb`G]Y[ Y`a`Ò[ `]Wk`g]bXž`gc`Ub[ Y  
XYf`HYUa [ Y]gh]gh]a`a`h`i`bX`X]Y` :`Ubg`\\]bhYf`XYf`A`UbbgW`UZh  
ghY`\\Yb`"

## GhUh]gh]\_Yb`ni`f`6UmYfb`@[ U

K`Ug`X]Y`GhUh]gh]\_`UbVY`Ub[ hž[ ]`h`X]Y`6UmYfb`@[ U`U`g`Y]bY`XYf`Ua  
gh`f`\_ghYb`i`a`\_`Àa`dZhYb`@[ Yb`]a``XYi`hgWk`Yb`5a`UhYi`fZ`»`VU`""``⊖  
XYf`GU]gcb`&`\$`&&`#&`\$`&`'`j`YfnY]Wk`bYhY`X]Y`@[ U`Y]bY`Ni`bU`\\a`Y`XYf  
K`YhhVYk`YfvGZ`À`\\][ \_Y]hž`k`cVY]`a`Y`\\fYfY`A`UbbgW`UZhYb`ž`XUfi`bhYf  
XYf`:`7`A`Ya`a`]b[ Yb`i`bX`XYf`GJ`9f`VUWk`ž`g]Wk`]b`XYb`cVYfYb  
F`Àb[ Yb`VY`\\Ui`dhYb`\_`cbbhYb`"8`Yf`:`7`A`Ya`a`]b[ Yb`\\Uh]b`XYb  
`Y`hhYb`&`\$`Gd]Y`Yb`Y]bY`VYa`Yf`\_Ybgk`YfhY`5bnU`\\`j`cb`YX][ `]Wk  
XfY]` ;`Y[ Yb`hc`fYb`\_`Ugg]Yfhž`k`Ug`gY]bY`XYZYbg]j`Y`Gh`f`\_Y`i`bhYf  
6Yk`Y]g`ghY`"h`"

Ni`g`À`h`n`]Wk`\\UVYb`i`a`ZfU[ Yb`i`bhYf`XYb`:`Ubg`Yf[ YVYb`ž`XUgg`+`\$`i  
XYf`5b`\\`Àb[ Yf`XYb`Ni`gWk`Ui`YfvYgi`Wk`U`g`Yb`hgWk`Y]XYbX`Z0f`XYb  
9fZc`[ `XYg`J`YfY]bg`UbgY`\\Yb`"8`]YgY`8`UhYb`i`bhYfa`Ui`Yfb`X]Y  
nYb`hfU`Y`F`c`Y`XYf`:`Ubg`]a``:`i`»`VU`""`i`bX`nY][ Yb`ž`XUgg`X]Y  
l`bhYfgh`Ø`hni`b[ `Ui`Z`XYb`Hf]V0b`Yb`b]Wk`h`bi`f`Z0f`X]Y`A`cfU`XYf  
Gd]Y`Yf`ž`gcbXYfb`Ui`Wk`Z0f`X]Y`Z]bUbn]Y`Y`Y` ;`Ygi`bX`\\Y]h`XYf`7`i`Vg  
j`cb`[`fc`»`Yf`6YXYi`hi`b[ `]gh`"

⊖g[ YgUa`h`ghY`"h`XUg`l`bYb`hgWk`]YXYb`nk`]gWk`Yb`XYa``:`7  
A`Ya`a`]b[ Yb`i`bX`XYa``GJ`9f`VUWk`b]Wk`h`bi`f`Y]bYb`gdc`fh`]Wk  
fY`Yj`UbhYb`5gdY`\_`h`XUf`ž`gcbXYfb`k`]fZi`Ui`Wk`@]Wk`h`Ui`Z`X]Y  
<`YfUi`gZc`fXYfi`b[ Yb`ž`a`]h`XYbYb`5a`UhYi`fj`YfY]bY`\\Yi`hY  
\_`cb`Zfc`bh]Yfh]g]bX`"9]bY`j`YfvYggYfhY`Z]bUbn]Y`Y`Y`G]hi`Uh]cb`i`bX`Y]bY  
g]Wk`YfY`k`]fhgWk`UZh`]Wk`Y`6Ug]g`k`ÀfYb`Z0f`j`]Y`Y`7`i`Vg`XYf`GWk`ØggY`ž  
i`a`]`\\fYb`D`Uhm`]a`XYi`hgWk`Yb`:`i`»`VU`""`Ub[ Zf]gh][ `ni`g]Wk`Yfb`"

6Ygi W\Yb`G]Y`i bg`Ui Z.`b!U[ "XY