

## 5 d c h\ Y\_Y b `]a `B c hZU``. `8 ][ ]hU`Y `D`UhhZc fa \ ]`Zh`V Y ] `@]Y ZY f Y b [ d À gg Y b °

BYi Yg'X][]hU`Yg'GmghYa 'j YfV]bXYh'5dch\Y\_Yb']b'<YfbU`g'ni f VYggYfYb'A YX]\_Ua YbhYbj Yfgcf[i b['k À\fYbX'9b[dÀggYb"



< YfbU`gž'² ghYffY]WX '! '\D'K ]Yb'[]Vh'Yg'Y]bY'bYi Y'X][]hU`Y
J Yfgcf[i b[gd`UhhZcfa ž'X]Y'Y]bY'VYa Yf\_Ybgk YfhY'\D|h]Uh]j Y'ni f
6Y\_Aa dZ b['j cb'5fnbY]a ]hhY`Yb[dAggYb'XUfghY``h"'K]Y'
5dch\Y\_Y'5X\cWVYf]WXhYhž'j YfZc`[h'X]Y'D`UhhZcfa 'nk Y]
< Ui dhn]Y`Y. 'YfghYbgž'X]Y'?cbhfc``Y'ØVYf'X]Y'5V[UVY'ghUUh`]WXYf
A YX]\_Ua YbhY'k]Y'DUI`cj]X']b'NY]hYb'j cb'@]YZYfYb[dAggYbž'i bX
nk Y]hYbgž'X]Y': OfXYfi b['XYf'Ni gUa a YbUfVY]h'nk]gWXYb
5dch\Y\_Ybž'i a 'gc`WXY'9b[dAggY'ni 'ØVYfk]bXYb"</pre>

8]Y`X][]hU`Y`D`UhhZcfa 'V]YhYh`XYa ; Ygi bX\Y]hga ]b]ghYf]i a 'i bX XYf'² ghYffY]WX]gWXYb; Ygi bX\Y]hg\_UggY`fP; ?Ł'X]Y`A Ò[`]WX\_Y]hž YXYfnY]h`&bZcfa Uh]cbYb`ØVYf`X]Y`JYfhY]`i b[`i bX`@U[YfghÀbXY ghUUh`]WXYf`K UfY`UVni fi ZYb"`Gc`\_ÒbbYb`5dch\Y\_Yb`Ui WX`]a

## ?ccdYfUh]cb i bX : fY]k ]``][\_Y]h

8]Y'HY]'bU\a Y'Ub'X]YgYf']bbcj Uh]j Yb'D`UhhZcfa ']gh'ZfY]k ]``][ ž'k Ug VYXYi hYhž'XUgg'5dch\Y\_Yf'b]W\h'j YfdZ]W\hYh'g]bXž']\fY @U[YfVYghÀbXY'ni f'JYfZØ[i b['ni 'ghY``Yb"'8]Yg'\_ÒbbhY'Y]b YbhgW\Y]XYbXYf': U\_hcf'ZØf'X]Y'5\_nYdhUbn'i bhYf'5dch\Y\_Yfb'gY]bž XU'g]Y'gY`Vgh'YbhgW\Y]XYb'\_ÒbbYbž'k ]Y'g]Y'g]W\'Y]bVf]b[Yb"'8]Y D`UhhZcfa ']gh'ni XYa '\_cghYbZfY]'i bX'j YfZc`[h'\_Y]bY k ]fhgW\UZh`]W\Yb'N]Y`Yž'k cXi fW\'g]Y'[Ubn'c\bY df]j Uhk ]fhgW\UZh`]W\Y'=bhYfYggYb'VYhf]YVYb'k ]fX"

8]Y'Bchk YbX][\_Y]h'gc`W\Yf'AU» bU\a Yb'k]fX'j cf'XYa

<]bhYf[fi bX'XYf'U\_hi Y``Yb'5fnbY]a ]hhY`Yb[dÀggY']b'8Yi hgW\`UbX

VYgcbXYfg'XYi h']W\"'@Ui h'<mark>5di g'7Ud]hU`</mark>`\UVYb'd\Ufa UnYi h]gW\Y

I bhYfbY\a Yb'gY]h'&\$%' 'fY[Y`a À»]['@]YZYfYb[dÀggY'Ub[YnY][hž

k cVY]'V]g'&\$&' 'VYfY]hg'' &, '5fnbY]a ]hhY``VYhfcZZYb'k UfYb"

6YgcbXYfg'VYhfcZZYb'g]bX'GW\a Yfna ]hhY`ž'5bh]V]ch]\_U'gck]Y

?fYVga YX]\_Ua YbhY"'8]Y'5V\Àb[][\_Y]h'j cb'Ug]Uh]gW\Yb

<YfghY``Yfb'j YfghÀf\_h'X]YgY'G]hi Uh]cb'bcW\ž'XU'Y]b'Yf\YV`]W\Yf'HY]`

XYf'K ]f\_ghcZZY'Xcfh'dfcXi n]Yfh'k]fX"

## < YfUi gZcfXYfi b[Yb ZØf 5dch\Y\_Yf

A YX]\_Ua YbhY k ]Y 'DUI `cj ]Xž'X]Y ']a 'F U\a Yb 'XYf

7 C J =8!%-!6Y\UbX`i b[ 'k ]W\h][ 'g]bXž'\UVYb 'YVYbZU``g']\fY

Y][ YbYb' < YfUi gZcfXYfi b[ Yb"'8 Ug'6i bXYg]bgh]hi h'ZØf'5fnbY]a ]hhY`
i bX A YX]n]bdfcXi \_hY 'fbZ5fA Ł'ghY``h'ZYghž'XUgg'DUI `cj ]X 'gY]h'XYa

&) "': YVfi Uf'&\$&&'Àfnh`]W\j YfcfXbYh'i bX 'ØVYf'XYb'; fc»\UbXY`

VYnc[ Yb 'k YfXYb'\_Ubbž'YXcW\'bi f'VY]'J cf`]Y[ Yb'Y]bYf'Àfnh`]W\Yb

 $\label{eq:continuous_series} $$JYfgWXfY]Vib[`]b`5dchY_Yb`Yf\A`h`]WX`]gh''NiXYa`[]VhYg$ ghfYb[Y'Jcf[UVYb`ZØf'X]Y`6YjcffUhib[`X]YgYf'H\YfUd]YY]b\Y]hYbž k Ugʻni gAhn`]WXY`5bZcfXYfib[Yb`Ub`5dch\Y_Yf`ghY``h''`5V`XYa`%)" $$Jbi Uf`&$&(`k]fX`DUI`cj]X`Ui WX`ØVYf`fY[i`AfY`JYfhf]YVgkY[Y`]b JYf_Y\f`[YVfUWXhž'k Ugʻa O[`]WXYfkY]gY`ni`Y]bYf`ghUV]`YfYb JYfZØ[VUf_Y]h'VY]hfA[h''$$$ 

8]Y'G]hi Uh]cb'nY][h'XYi h`]W\ž'XUgg'X]Y'5dch\Y\_Yf'U`g'; Ygi bX\Y]hg!
5b`Ui ZghY``Y'Y]bY'GW\`ØggY`fc``Y'gd]Y`Yb'a ØggYbž'i a

DUh]Ybh]bbYb'VYgha Ò[`]W\'ni 'j Yfgcf[Yb"'8i fW\'XYb'5i ghUi gW\
i bhYfY]bUbXYf'i bX'X]Y'Bi hni b['X][]hU`Yf'<]`Zga ]hhY`'\_ÒbbhYb'g]Y
]\fY'5b[YVchY'k YgYbh`]W\'j YfVYggYfb'i bX'k Yfhj c``Y
I bhYfghØhni b[']a 'I a [Ub['a]h'U\_hi Y``Yb'<YfUi gZcfXYfi b[Yb
`Y]ghYb"

8 YhU]`g	
Cfh	< Yfb U`gž <sup>·2</sup> ghYffY]W\
EiY``Yb	<ul><li>k k k "Udch\Y_Y!UX\c\WXY</li></ul>
	• k k k "V ZUfa "X Y
	<ul><li>Udi gWUd]hU`"XY</li></ul>

6 Ygi W Yb 'G]Y 'i bg 'Ui Z 'a Y]b!k ]Yb "b Yh