



7 < &	D*86/'8+.	K,., 883'8:09,2/3''8'6:
J:&	D*86''%	(+A' 32, +0(*.' < ". \$A, 09, 2/3''8'6:
; &=	D*..\$	K\$,, "0L' < , 0?, %63
G\$	B')8' &	D*\$+360B''3%8*2.\$'30' 3+0B')\$3, .<' =3609, 2/3''8'6:
G:' 3	B')8' &	>3E''8<' .\$. '309, 2/3''8'6: M1''E.F' 8, 0736\$3, , 8836
1.' 2:	B' &' )8''	1*86&2' 89, 2/3''8'6:
C' \$< ,	B' &' 8,	B8\$<\$3' 80C*%&2,
G&2/' 8+	B' 3.F, &	(+A' 32, +0(*.' < ". \$A, 09, 2/3''8'6: 0F\$. /0-\$6/04, 8E''8<' 32,
7 < < '	B' H&2/'\$'	1''E.F' 8, 0736\$3, , 88360' 3+05, )0?, A, &'H< , 3.
C' =') )	B' 8' < &2\$*	B:), 8%, 2*8\$. :0' 3+0; , .F''8=0736\$3, , 8836
L' ) 8\$, &	B' 88&8''	1''E.F' 8, 0736\$3, , 88360' 3+05, )0?, A, &'H< , 3.
; ' : , &	B' 88&8''	L8' H/2%0! * &\$< , +\$ 0' 3+05, )0?, %63
? ' 3\$, &	B' 8A' &' /''	B:), 8%, 2*8\$. :0' 3+0; , .F''8=0736\$3, , 8836
(\$+ ' 3	B' % , :	(+A' 32, +0(*.' < ". \$A, 09, 2/3''8'6: 0F\$. /0-\$6/04, 8E''8<' 32,
Q* \$33	B' %&\$+ :	4&* < )\$360' 3+0- , ' . \$3609, 2/3''8'6:
C, 33& 8	B/' 2''309, # +'	(*.' < ". \$A, 0B'' 88&8'' 30G, H' \$80
P' 2/' 8:	B/' / , +	D*%\$3, %0! ' 3' 6, < , 3.
? ' 3\$, &	B/' 3+&, 8	B:), 801, 2*8\$. :0!; , .F''8=0736\$3, , 8836
G: '' 3	B/' 8, ...	4&* < )\$360' 3+0- , ' . \$3609, 2/3''8'6:
(&, @	B/' % ,	(+A' 32, +0(*.' < ". \$A, 09, 2/3''8'6:
7 < < '	B/' % ,	R22*H' .\$. '3' 89/ , 8' H:0(%&8%' 3.
L' 88, ..	B/' % ,	B:), 8%, 2*8\$. :0' 3+0; , .F''8=0736\$3, , 8836
9: &, 8	B/' . , &	- , ' & /012\$, 32,
C''% , H/	B/' \$ 8, &	(82/\$, 2.*8' 80D*\$+360736\$3, , 883609, 2/3''8'6:
(3\$='	B&' 8=	B8\$<\$3' 80C*%&2,
C' < , %	B'' ) *83	4/: %2' 89/ , 8' H\$%0(%&8%' 3.
D, 3# < \$3	B'' /3	B:), 8%, 2*8\$. :0' 3+0; , .F''8=0736\$3, , 8836
B' < , 8'' 3	B'' & 8+	(+A' 32, +0(*.' < ". \$A, 09, 2/3''8'6: 0F\$. /0-\$6/04, 8E''8<' 32,
C, %%, 3\$	B'' & N''	(82/\$, 2.*8' 80D*\$+360736\$3, , 883609, 2/3''8'6:
98, 3.	B'' < '' &	K\$,, "0L' < , 0?, %63
D8\$ 3	B'' 3&' 3	G, E886, 8' .\$. '3M(\$80B'' 3+\$. \$'3\$360' 3+0- , ' . \$3609, 2/3''8'6:
L' ) 8\$, &	B'' 33'' 8	(+A' 32, +0(*.' < ". \$A, 09, 2/3''8'6: 0F\$. /0-\$6/04, 8E''8<' 32,
? : &' 3	B'' '' =	>3E''8<' .\$. '309, 2/3''8'6: M1''E.F' 8, 0736\$3, , 8836
(&, @ ' 3+, 8	B'' 8+, \$''	(+A' 32, +0(*.' < ". \$A, 09, 2/3''8'6: 0F\$. /0-\$6/04, 8E''8<' 32,
7&2=	B'' 8+ '' 30C8	1''E.F' 8, 0736\$3, , 88360' 3+05, )0?, A, &'H< , 3.
B' < 8'' 3	B'' 88, \$	(+A' 32, +0! ' 883, 09, 2/3''8'6:
J'' &):	B'' %8' 8'A,	L8' H/2%0! * &\$< , +\$ 0' 3+05, )0?, %63
0* %	B'' . ' 0B\$%3, 8'' %	; * 8%\$36

7%,)'3	B8,%H''0K,& NS*,N	4&* <)'\$360' 3+0-, '. \$3609,2/3''&'6:
G''3'&+	B8''., '*	>3E''8<' .\$'309,2/3''&'6: 101''E.F'8,0736\$3,,8\$36
0' *8'	BN,2/'F2N	K,.,8\$3'8:09,2/3''&'6:
0*\$6\$	?T(2*3.''0C8	B:) ,8%,2*8\$:0' 3+0; ,.F''8=0736\$3,,8\$36
!'82	?T(<'8,	B''3%.8*2.\$'30! ' 3'6,<,3.
;'./'3	?'01\$A'	(82/\$,2.*8' 8D*\$8+\$360736\$3,,8\$3609,2/3''&'6:
1/,+8\$2=	?'3\$,&	G,%H\$8'.''8:0B'8,
B'%%:	?'%2''<)	; *8%\$36
B'%,: :	? 'A,3H''8.	4/:%2' 89/,8' H\$%.0(%%\$%'3.
J,\$./	? 'A\$+%''3	; *8%\$36
1/'3.,&	? 'A\$%	B8\$<\$3' 8C*%.\$2,
9''8\$	? 'A\$%	D*%\$3,%80! '3'6,<,3.10-, '&/0B'8,
C'2=	?,(36,88%	7&,2.8\$2' 89,2/3''&'6:0F\$/0G,3,F')&,073,86:01:%,<%
C*8\$	?,D&'8\$'	L8' H/\$2'80! *&\$<,+ \$'0' 3+05,)0?,%\$63
C*%.\$3	?,2,88,%	! ,2/'3\$2' 8736\$3,,8\$3609,2/3''&'6:
0* =,	?,80?,''	K\$+, ''0L' <,0?,A,&'H<,3.0' 3+0?,%\$63
0, ''3'8+''	?,80G''%'8\$'	! ,2/'3\$2' 8736\$3,,8\$3609,2/3''&'6:
J'%%'3+8'	?,80K' 88,UG'')\$.%2/,=	; *8%\$36
!'82	?,888,	4/:%2' 89/,8' H\$%.0(%%\$%'3.
C'2'')	?,!,&''	7&,2.8\$2' 89,2/3''&'6:
?,%G''3		

; ' ./' 3	788%' 3	! , 2/' 3\$2' 8736\$3 , , 8\$3609, 2/3''&'6:
(36\$,	7%2'')' 8	D*%\$3, %! ' 3' 6, <, 3.10-, ' &/0B' 8,
?\$+\$, 8	V, 88' 3+0-' 8''* 3	1''E.F' 8, 0736\$3 , , 8\$360' 3+05, )0?, A, &'H<, 3.
(@, &	V, 83' 3+, %U1H, 32, 8	1''E.F' 8, 0736\$3 , , 8\$360' 3+05, )0?, A, &'H<, 3.
(<' 3+'	V, 88, \$8'	; * 8%\$36
9: &, 8	V, 88''	4&* <)\$360' 3+0-, ' . \$3609, 2/3''&'6:
J' %/.' 3	V\$, &+\$36	?\$6\$. ' 8! , +\$ 048''+* 2.\$' 3
G\$2' 8+''	V\$6* , \$8, +'	(+A' 32, +0(*.' <''.\$A, 09, 2/3''&'6: 0F\$. /0-\$6/04, 8E''8<' 32,
! ' 8\$' /	V\$2, &8'	1* 86\$2' 89, 2/3''&'6:
C' =,	V'' 3.' \$3,	L' <, 0?, A, &'H<, 3.0' 3+01\$< * &' . \$' 3048''68' < < \$36
1., A, 3	V8' . *%	B8\$<\$3' 8C*%.\$2,
- * 3., 8	V8, 2/, %	4' 8' <, +\$209, 2/3''&'6:
! ' @E\$, &+	V8\$, + <' 3	B'' 3% 8* 2.\$' 30! ' 3' 6, <, 3.
0'' 6' 3	V8''%	(+A' 32, +0(*.' <''.\$A, 09, 2/3''&'6: 0F\$. /0-\$6/04, 8E''8<' 32,
G: ' 3	V* 88, 8	7&, 2.8'' 3\$2%10G'')'' . \$2%0' 3+0?8'' 33 109, 2/ 3188

>%) , &	- ' 3+:	; * 8%\$36
B''8):	- ' 33'	K\$+, ''0L' <, 0?, A, &'H<, 3.0' 3+0?, %63
! ' .. /, F	- ' 8)' '* 8	G, E8\$6, 8' .\$. '3M(\$80B''3+\$. \$'3\$360' 3+0- , ' .\$.3609, 2/3''&'6:
L\$ ' 3'	- ' 8+\$3	1''E.F' 8, 0736\$3, , 8\$360' 3+05, )0?, A, &'H<, 3.
B''33''8	- ' 88\$36.' '3	B:), 801, 2* 8\$. : 0I; , .F''8=0736\$3, , 8\$36
C' < %' '3	- ' 88%	B:), 8%, 2* 8\$. : 0' 3+0; , .F''8=0736\$3, , 8\$36
1' 8' /	- , ' & ;	; * 8%\$36
! \$2/ ' , &	- , ' &	(+A' 32, +0(*. '' < '' .\$.A, 09, 2/3''&'6: 0F\$. /0-\$6/04, 8E''8<' 32,
J, 3+ ' &	- , \$3.N	(+A' 32, +0(*. '' < '' .\$.A, 09, 2/3''&'6: 0F\$. /0-\$6/04, 8E''8<' 32,
C' \$3\$%	- , 83' 3+, N	(82/\$, 2. * 8' 8D* \$+\$360736\$3, , 8\$3609, 2/3''&'6:
(& @' 3+, 8	- \$66\$3%	7& 2. 8\$2' 89, 2/3''&'6:
G' : < '' 3+	- ''	B8\$<\$3' 8C* %.\$2,
G: ' 3	- ''2=, <, :, 8	? \$6\$. ' 8! , +\$ 048'' + * 2. \$' 3
(3+8, '	- ''2=3, :	; * 8%\$36
1' < ' 3. /'	- ''6' 3	; * 8%\$36
1, ' < * %	- ''8''F' :	B:), 801, 2* 8\$. : 0I; , .F''8=0736\$3, , 8\$36
D, 3# < \$3	- ''83	G, E8\$6, 8' .\$. '3M(\$80B''3+\$. \$'3\$360' 3+0- , ' .\$.3609, 2/3''&'6:
(33,	- ''F, &	K\$+, ''0L' <, 0?, %63
? ' 3\$, &	- ''F, &	L8' H/\$2%8! * &\$<, +\$ 0' 3+05, )0?, %63
C''% / *'	> 3E' 3. \$3''	B:), 801, 2* 8\$. : 0I; , .F''8=0736\$3, , 8\$36
4/ \$8H	> HH'' & .''	B:), 801, 2* 8\$. : 0I; , .F''8=0736\$3, , 8\$36
C, 8 < ' \$3	C' 2= %' 3	R22* H' .\$. '3' 89/ , 8' H:
? , %.\$3:	C' \$: , '' )'	R22* H' .\$. '3' 89/ , 8' H: 0(%%\$%' 3.
G: ' 3	C' 8A%	B:), 8%, 2* 8\$. : 0' 3+0; , .F''8=0736\$3, , 8\$36
(+8\$ ' 3:	C' A\$, 8	D* %\$3, %8! ' 3' 6, <, 3.
! '' &:	C, 32=%	B:), 8%, 2* 8\$. : 0' 3+0; , .F''8=0736\$3, , 8\$36
D, 3# < \$3	C'' / 3%'' 3	L8' H/\$2%8! * &\$<, +\$ 0' 3+05, )0?, %63
0* 2' %	C'' / 3%'' 3	> 3E''8<' .\$. '309, 2/3''&'6: M1''E.F' 8, 0736\$3, , 8\$36
? : &' 3	C'' 8+ ' 3	B:), 801, 2* 8\$. : 0I; , .F''8=0736\$3, , 8\$36
G: ' 3	J' & %N	(* .'' < '' .\$.A, 0B'' 88\$%' 30G, H' \$809, 2/3''&'6:
788N' ) , ./	J' 3,	; * 8%\$36
1/8, , #	J' H% / \$' 8	1* 86\$2' 89, 2/3''&'6:
! , 6' 3	J' % / * )'	D* %\$3, %8! ' 3' 6, <, 3.
J, &:	J, ' 3	; * 8%\$36
L8' 2,	J, & ;	1* 86\$2' 89, 2/3''&'6:
1' 8' /	J, 33, +:	

C' < , %

(3\$.'

5\$86' <

C, %2'

(& , @' 3+, 8

? ' 3\$, &

98%' 3

J, :, %0C8

J\$, 83' 3

J\$. 83=

J\$. 2/, 3

J&' ..

J3\$6/.

J3" ..

B:) , 801, 2\* 8\$. : 0I; , .F''8=0736\$3, , 8\$36

1\*86\$2' 809, 2/3''&'6:

L' < , 0?, A, &'H< , 3.0' 3+01\$< \* & .\$. '3048''68' < <\$36

; \* 8\$36

(+A' 32, +0(\*. '' < ''\$. \$A, 09, 2/3''&'6: 0F\$/0-\$6/04, 8E''8<' 32,

1''E.F' 8, 0736\$3, , 8\$360' 3+05, )0?, A, &'H< , 3.

1''E.F' 8, 0736\$3, , 8\$360' 3+05, )0?, A, &'H< , 3.

C'', &





! ' .. / , F	48''2' 22\$3\$	L8' H/2%0! * &\$< , +\$ 0' 3+05, )0?, %63
9N\$HH''8' /	48''..' %	; *8%36
D, 3# <\$3	Q* ' 3	4/: %2' 09/ , 8' H\$%0(%%0% ' 3.
98%' 3	G' + , ='	K\$+ , ''0L' < , 0?, A, &'H < , 3.0' 3+0?, %63
C, %2'	G' < \$, N	- , ' &/012\$, 32,
C*%\$3	G' < ''%	>3E''8< ' .\$'309, 2/3''&'6: M1''E.F' 8, 0736\$3, , 8\$36
78N' ) , ./	G' %/	R22*H' .\$'3' 09/ , 8' H:
1\$% %	G' *2/	(+A' 32, +0(*.' < ''.\$A, 09, 2/3''&'6:
(& @	G, '	1''E.F' 8, 0736\$3, , 8\$360' 3+05, )0?, A, &'H < , 3.
B''' 8.3, :	G, \$+	; *8%36
1/' 3,	G, 3E8, ,	7& 2.8\$2' 09, 2/3''&'6: 0F\$/0G, 3, F' )& , 073, 86:01: % , < %
(8N'	G2/' 8+	1*86\$2' 09, 2/3''&'6:
! , &' 3\$,	G\$''%	D*%\$3, %0! ' 3' 6, < , 3.10- , ' &/0B' 8,

0' < \$3	1' 3: ' 36	B:), 8%, 2*8\$: 0' 3+0; , .F''8=0736\$3, , 8\$36
! 88\$ <	1' %'	R22*H' .S'3' 89/, 8'H: 0(%88%' 3.
; ' +: '	1' %'	K, ., 8\$3' 8: 09, 2/3''&'6:
! ' .. /, F	1' .., 8E\$, &+	K\$, ''0L' <, 0?, A, &'H <, 3.0' 3+0?, %63
B'' 8, , 3	12/ ' , E, 8	; * 8%\$36
! , 6/ ' 3	1, 8, :	; * 8%\$36
? ' A\$+	1/ ' /	(+A' 32, +0(*.' < '' .SA, 09, 2/3''&'6: 0F\$/0-\$6/04, 8E''8 < ' 32,
! 2/ ' , &	1/ , , / ' 3	B:), 801, 2*8\$: 0!; , .F''8=0736\$3, , 8\$36
7./ ' 3	1/8''U?8' H, 8	>3E''8 < ' .S'309, 2/3''&'6: 11''E.F' 8, 0736\$3, , 8\$36
J, 88\$	1\$A'	; * 8%\$36
C' 2'')	1\$A\$	B:), 8%, 2*8\$: 0' 3+0; , .F''8=0736\$3, , 8\$36
J' ./8: 3	1\$ < 3, ..	5, &\$360736\$3, , 8\$3609, 2/3''&'6:
G' #A\$	1\$36/	(+A' 32, +0(*.' < '' .SA, 09, 2/3''&'6: 0F\$/0-\$6/04, 8E''8 < ' 32,
B/88%' \$ 3	1 < \$./	D*%\$3, %0! ' 3' 6, <, 3.
! ' 8:	1'', *8	- , ' &/012\$, 32,
R8A\$	1''3.' 6	L8' H/2%0! * &\$ <, +\$ 0' 3+05, )0?, %63
J' : &	1''88, 3.\$	L8' H/2%0! * &\$ <, +\$ 0' 3+05, )0?, %63
J8: %.'	1''* 88, 8,	; * 8%\$36
(&, @8%	1., /&	R22*H' .S'3' 89/, 8'H: 0(%88%' 3.
782	1., A, 3%	! , 2/ ' 32' 8736\$3, , 8\$3609, 2/3''&'6:
; 2/ '' & %	1.''68' 3	7&, 2.82' 89, 2/3''&'6:
B/88%' \$3,	1.''8.\$	G, %H8' ''8: 0B' 8,
RF, 3	1.8'') , &	K\$, ''0L' <, 0?, %63
0\$ <	1*88A' 3	?\$6\$' 8! , +\$ 048'' + * 2.\$' 3
? : & 3	1F, ..	B8\$ < \$3' 80C * %2,
588\$ <	1F2=\$	K\$, ''0L' <, 0?, A, &'H <, 3.0' 3+0?, %63
9: &, 8	1: 3''..	K\$, ''0L' <, 0?, A, &'H <, 3.0' 3+0?, %63
D8' 3+'' 3	9' 8)''.	B:), 8%, 2*8\$: 0' 3+0; , .F''8=0736\$3, , 8\$36
? ' A\$+	9' 8+\$E	4&* < )\$360' 3+0-, ' .S3609, 2/3''&'6:
C' <, %	9' *) < ' 3	K\$, ''0L' <, 0?, %63
B/88%' ''H/ , 8	9,)''	?\$6\$' 8! , +\$ 048'' + * 2.\$' 3
L\$	9, 3* .'.	7&, 2.82' 89, 2/3''&'6: 0F\$/0G, 3, F' )&, 073, 86: 01: %, < %
G, ) , 22'	9, %, 8	K\$, ''0L' <, 0?, A, &'H <, 3.0' 3+0?, %63
X' A\$, 8	9/\$) ' * &	(82/\$, 2.*8' 80D*\$+\$360736\$3, , 8\$3609, 2/3''&'6:
C' <, %	9/'' < ' %	! , 2/ ' 32' 8736\$3, , 8\$3609, 2/3''&'6:
C''%, H/\$3,	9/'' < ' %	1*862' 89, 2/3''&'6:
782	9E.	B''3%8*2.\$'30! ' 3' 6, <, 3.
RF, 3	988	K\$, ''0L' <, 0?, A, &'H <, 3.0' 3+0?, %63

(A'	9''88A, 8	(+A' 32, +0(*.'" < ". \$A, 09, 2/3''&'6:
>' 3	9''&'%=:	D*%\$3, %! ' 3' 6, <, 3.10(*.'" < ". \$A, 01, 8A\$,
J' ., & 3	9''3+8, ' *	>3., 8\$'80?, %63
C''%/ '*'	9''3*22\$	?\$6\$. ' 8! , +\$' 048''+*2.\$'3
C' =,	9''88' 2''	L8' H/\$2%!! * &\$ < , +\$' 0' 3+05, )0?, %63
C' 2=	98' \$3''8	4' 8' < , +\$209, 2/3''&'6:
C* 8'	K' 3+\$3\$	4/: %2' 89/, 8' H\$%0(%%%' 3.
0\$8\$ 3	K' %, *8	K\$+, ''0L' < , 0?, A, &'H < , 3.0' 3+0?, %63
-, ' ./, 8	K\$2=, 8%	; * 8%36
4' * &	K\$, 8'	! , 2/' 3\$2' 8736\$3, , 8\$3609, 2/3''&'6:
J8\$%. \$3'	K\$, %	4/: %2' 89/, 8' H\$%0(%%%' 3.
? , A, 3	K\$3' 68,	7&, 2.8\$2' 89, 2/3''&'6:
K\$2.' '8\$'	K\$32''8\$	; * 8%36
D8\$' 33'	5' 8+	K, ., 8\$3' 8: 09, 2/3''&'6:
B/, :, 33,	5/, , & 8	G, %H\$8' .''8: 0B' 8,
! \$2/' , &	5\$8-\$, 0C8	7&, 2.8\$2' 89, 2/3''&'6:
98' A\$%	5\$88\$ < %''3	K\$+, ''0L' < , 0?, A, &'H < , 3.0' 3+0?, %63
J, A\$3	5\$88''3	! , 2/' 3\$2' 8736\$3, , 8\$3609, 2/
J' \$& 3	5\$3., 8%' 3	-, ' &/012\$, 32,
? , A\$3	5''&'%N: 3UG\$A, 8'	B: ), 801, 2*8\$. : 0I; , .F''8=0736\$3, , 8\$36
G' 3+:	5''''+/, ' +	4&* < )\$360' 3+0-, ' . \$3609, 2/3''&'6:
C''/3	58' 3' 0>K	7&, 2.8\$2' 8736\$3, , 8\$3609, 2/3''&'6:
C'' 33,	5*	K\$+, ''0L' < , 0?, A, &'H < , 3.0' 3+0?, %63
P' 2/' 8:	5: , ./	B: ), 801, 2*8\$. : 0I; , .F''8=0736\$3, , 8\$36
B''+:	5: 8,	B: ), 8%, 2*8\$. : 0' 3+0; , .F''8=0736\$3, , 8\$36
>A:	X\$' 36	>3., 8\$'80?, %63
K\$32, 3.	P' < < \$, &'	K\$+, ''0L' < , 0?, %63