



!"#\$\$
%&'()*+,-.\$
-#./#0,1\$23)/#\$
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"#\$%&'(!#)*+,-./0\$%#)112(. 3!

"#\$!%&'()*#+',!-./,+!0' + 1' !. ,!(#\$!4#)\$+!5*6)7+!57+%&. 7!+2!4#)\$+!813!. 2\$!,#+2(!4\$2,\$,! 5,\$6!7\$8+2\$!. ' 6!. 8(\$2!9. 2: ;,! ,+ '<!(#\$!9.<')8>. (=!)' !, \$24)>\$,!+8!\$4\$)' <!*2. : \$2!' !(#\$! /., (!, \$4\$' !6. : ,!+8!&64\$' (!) !(#\$!? \$, (\$2' !@#52>#A!!"#\$: !/)0\$/:!6. (\$!7.>0!(+!,)B(#C>\$' (52: ! D(. /:!. ' 6!7\$>. E\$!+' \$!+8!(#\$!0\$: !E5),>. !!8\$. (52\$,!+8!(#\$!6. : ,!/\$. 6)' <!5*(+!@#2), (E., A!!!!

"#\$!8)2, (!/\$(((\$2,!+8!(#\$!)(\$, =82+E!/. , (!(+!8)2, (=). **\$. 2!(+!8+2E!. !F. ()' !. >2+,)>=!9#. !(\$!1= E\$. ')' <!G"+E+22+ 1=0!1)!!7\$!H(\$2\$!G=E)22+2)' <!(#\$!(#\$E\$!+8!(#\$!. ')*#+', J!

- KL!M\$>\$E7\$2J!! %! !. *)\$' (). !!! 8!: '1*. 3!
- KN!M\$>\$E7\$2J!! %!" 6+' .)!! ! 8!-. #*!
- KO!M\$>\$E7\$2J!! %!#. 6)B!P\$, , \$!! 8!; . . +!. <!=)11)!
- QR!M\$>\$E7\$2J!! %!\$/. 4), !M. 4)6!! 8!>)/!. <!?\$6' *!
- QK!M\$>\$E7\$2J!! %!%2)\$' ,!! ! 8!?\$%/1# '7"!
- QQ!M\$>\$E7\$2J!! %!#B!S\$')5E!! 8!>'7"! . <!+&)!@+\$'. 7!!
- QT!M\$>\$E7\$2J!! %!&EE. ' 5\$!! 8!: '+&!A1!'1!4. *!

U. >#!4\$2, \$!\$>#+\$, !V>2)* (52\$!C!+8(\$' !6)88\$2\$' (!4\$2, \$, !-)' >/56)' <!, +E\$!82+E!(#\$!>+//>)+ ' !
+8!7++0, !1\$!0' + 1! ., !(\$!&* +>2: *#. 3!. 2\$!0')((\$6!(+<\$(\$2!(+!, *\$. 0!+8!P\$, 5, A!!!

!

U. >#!4\$2, \$!8+//+ 1, !(\$! , . E\$!, (25>(52\$!C!

!' (()*+,-.,%/,)(0* 12%,3*402%,#**5,*6,7' (' ,

%!>+E\$=!%!?) ,6+E!82+E!+' !#)<#=#!! ! %!>+E\$=!%!>+E\$=!<2\$. (!F+26!+8!E)<#(=!
1#+!+26\$2\$6!. //!(#)' <,!E)<#()/: a!! ! 1#+!(+!: +52!(2)7\$,!+' !V)' .)G,!#)\$<#(!
(+!5,!(\$#!* . (#!+8!0' +1/\$6<\$!,#+1!!!)' !.' >)' (!)E\$,!6)6!<)4\$!(#\$/!. 1!
' 6!(\$.>#!5,!)' !)(,!1 .: ,!(+!<+A!! !)' !>+56!.' 6!E.Z\$, (:!.' 6!. 1\$A!!
!

;)D. '()E!;)D. '()E!f33\$7C)0!1&\$00!(. 3)!+ .!/. CG!8!f1#\$)0!

!

!!!!!!%!>+E\$=!%!_2.' >#!+8!P\$, , \$G,! , (\$E=!
!!!!!!!!!!!!!!5' (+! : +52!+1' !.' 6!2\$, >5\$!(#\$Eb!
!!!!!!!!!!!!!!c2+E!6\$*(# ,!+8!#\$/! : +52!*\$+*/\$! ,. 4\$=!
!!!!!!!!!!!!!!' 6!<)4\$!(#\$E!4)>(+2: !+G\$2!(#\$!<2. 4\$A!

!

%,!89)' +5)8,:%,/)(0* 1 ;,

!

!!! %!?) ,6+E!>+E)' <!8+2(#!82+E!(#\$!E+5(#!+8!(#\$!9+ , (!X)<#=#!
2\$. >#)' <!82+E!+' '\$!' 6!(+!(#\$!+(#\$2!
E)<#()/:!. ' 6!, 1\$\$(/: !+26\$2)' <!. //!(#)' <,J!
@+E\$!. ' 6!(\$.>#!5,!(\$#!1 .: !+8!*256\$' >\$A!!H+&!8!57+'%&. 7!!



D!>. E\$!8+2(#!82+E!(#\$!E+5(#!+8!(#\$!9+ , (!X)<#!HJ'#\$(&!KL,MI!

!

?),6+E!2\$. >#\$,!E)<#()/: !82+E!+' '\$!' 6!+8!(#\$!\$. 2(#!(+!(#\$!+(#\$2=!. ' 6!

. 7+5(!/. (\$2≠#5E. ')(: !),!)' !' \$\$6!+8!+' \$!1#+!1)!!' +(!Z5,(!,#+1!5,!+52!8++/),#' \$,,!
75(!1)!!,#+1!5,!#+1!(+!,(+*!7\$)' <!8++/,A!

!

"#\$2\$!. 2\$!E+E\$' (,!)' !(\$!S+, *\$/,;!2\$(\$/!)' <!+8!P\$,5,,!,(+2:!(#. (!1\$!E)<#(!*\$2>\$)4\$!
P\$,5,,!.>)+',!' +(!.,!1), \$!+2!*256\$' (!75(!8++/),#!. ' 6!)22\$, *+' ,)7/\$A!]\$(=!Z5,(!. ,!
1#\$' !(\$!+' \$!.>)' <!(#\$!8++/!0' +1 ,!1#\$' !(+!,(+*≠, +!6)6!P\$,5,A!X),!8+//: !+' /: !1\$' (!



>. //!&6+ ' .)!+2!F+26A!

!!

%52!P\$1),#!82)\$' 6,!2\$>+<'),\$(#\$\$!' . E\$!+8!S+6![!(#\$\$!D! . E;!+2!X\$72\$1!]X? X!C! . ,!
,+!#+/:(# . (!1#\$' !2\$. 6)' <!. /+56!(#\$: !5, \$(#\$\$!X\$72\$1!1+26!i&6+ ' .)!;!(+!\$B*2\$, ,!
(#\$)2!2\$4\$2\$' >\$A!X\$2\$!)' !(\$\$, \$>+ ' 6!+8!(#\$\$, \$4\$' !&64\$' (!&' 0)*#+ ' ,=(#\$\$!12)(\$2!
. /,+!5,\$,!(#\$\$!X\$72\$1!i&6+ ' .)!;!(+!*2. :!(+!(#\$\$, . >2\$6!E: , (\$2:!(# . (!,!)X? XA!!!

!!

"#. (!' . E\$=]X? X=1 . ,!<)4\$' !(+!9+, \$,!)' !(\$\$!E . !Z\$, ()>!8)2\$!+8!(#\$\$!752')' <!75, #A!
"#\$2\$!S+6!),!2\$4\$. /\$6! . ,!(#\$\$!S+6!+8!&72. #. E!D, . .>!. ' 6!P. >+7=75(!E+2\$!(# . ' !
(# . (!9+, \$,!. , 0, !8+2!S+6; ,!' . E\$!. ' 6!(#\$\$!E: , (\$2)+5, !2\$*/:!) ,!(# . (!D! . E!1#+D! . E;!
- . /,+!(2. ' ,/. (\$6!D!1)!!7\$C(#\$2\$;3A!X\$2\$!),!. !S+6!+8!* . , (=2\$ \$' (!' 6!85(52\$![! . ' !
. 7)6)' <!*2\$ \$' >\$!(# . (!72)' <, !82\$\$6+E! . ' 6!/)7\$2. ()+' A!!"#\$!&' 0)*#+ ' !, *\$. 0, !+8!(#\$\$!
<)4)' <!+8!(#\$\$!F. 1! . (!V)' .)!;!(+!72)' <!Z5, ()>\$!. ' 6!+26\$2! . ' 6!(#\$\$!+5(, (2\$(>#6! . 2E!
-UB+65, !j AK3!(# . (!/\$, !(\$\$\$' ,/. 4\$6! . ' 6!, 588\$2)' <!*\$+*/\$!+8!D, 2. \$!/<+A!

!!

X\$2\$=>+ ' 6\$' , \$6!)' !8+52!/) \$, !),!(#\$\$!4\$2: !#\$. 2(!+8!D, 2. \$/; , !B*\$2\$)\$' >\$!+8!S+6=75(!(!
6+\$, ' ;(!, (+*!(#\$2\$A!!"#\$!4\$2, \$!>+ ' '\$>(!# . (!2\$. /):!(+!+52!+1' !/)4\$, !' +1=2. :)' <!
(# . (!(\$\$!D! . E;=2\$4\$. /\$6!(+!9+, \$, !/+ ' <!. <+!1)!!i>+E\$!. ' 6!2\$6\$\$E!5, ;A!D' !(#, !
&64\$' (!)E\$!1\$!. 2\$!/\$6!, (\$*!7:!, (\$*!(+!UEE . ' 5\$/=!(#\$\$!S+6!1)(#!5, ;!)' !P\$, 5, !
@#2), (=!(#\$\$!D! . E;!E. 6\$!8/\$, #!. ' 6!7!/+6=7+2' !)' !_\$(#/\$#\$E=, 588\$2)' <!1)(# . ' 6!8+2!
(#\$\$!1+2/6=E. 6\$!*2\$, \$' (! . E+ ' <!5, !(+6. :=. ,!F)4)' <!i&6+ ' .)!;A!

!!

T&!;)6U*!T)##!/]'7X16!
V'7'1+)#!. <!T#7'+/G!]' "'&!; /(. 3Q)!\$7*!B. #)1!97*!A; B!

!

- P\$1),#!*\$+*/\$!6+ ' ;(!, *\$. 0!(#\$\$!' . E\$!+8!S+6![!, \$\$)' <!(! . ,!(+!#+/:(+!, . . :!
. /+56A!D' !(\$\$!X\$72\$1!(\$B(!+8!(#\$\$!/6!"\$, (. E\$' (!(\$\$!4+1\$/, !. 2\$!E), , \$6!+5(!
(+!/\$. 4\$!(#\$\$!5' *2+ ' +5' >\$. 7/\$!])X? XA!?! # : !6+! : +5!(#)' 0!(#\$\$2\$!),!(# ,!)6\$. !)' !
P\$1),#!(\$\$+!+<:!. 7+5(!' +(!' . E)' <!S+6g!
- 95, /)E, !# . 4\$!00!' . E\$, !8+2!S+6!1#)#>!6\$, >2)7\$!1#+!S+6!),!(#\$\$!&!!9\$2>)85/=!
(#\$\$!V+52>\$!+8!k\$. >\$=!(#\$\$!S5. 26). ' !+8!c.)(#=\$(>A!!--(\$2\$; ,! . !, (+2:!(# . (!(\$\$!
2\$. , + ' !(\$\$!>. E\$!/ , E)/\$, !), !, #\$\$!0' +1, !(\$\$!KRR !' . E\$!+8!S+6b3!?! \$!5, \$!E . ' :!
1 . : , !+8!6\$, >2)7)' <!S+6![!!F+26=9+, (!X)<#=&' >)' (!+8!M. : , =c. (#\$2=9+(\$2=
c.)(#85!/%' \$=e+>0A!?! #)#>#!' . E\$, !6+! : +5!/)0\$!(+!5, \$!8+2!S+6![! . ' 6!1# : g!
- &2\$! (#\$2\$! . ' :! ' . E\$, !+2! 6\$, >2)*0+ ' , !+8! S+6! : +5! 6+ ' ;(! /)0\$! +2! 8\$\$!
>+E8+2(. 7/\$!1)(#g!!D8!, +!1#)#>#!+ ' \$, !. ' 6!1# : g!!

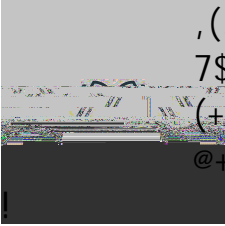
!

)*&+, *!

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S+6!+8!E . ' :!' . E\$, =75(!+ ' !2\$. /):!!
1\$!(# . ' 0! : +5!8+2!2\$. >#)' <!+5(!(+!#5E . ')(: !)E\$!. ' 6!()E\$!. <.)' =!
, *\$. 0)' <!1+26, !+8!<2. >\$!. ' 6!/)7\$2. ()+' A!
@+E\$!2\$6\$\$E!5, !82+E! . //!(# . (!2. * , !. ' 6!)E*2), + ' , !5, A!
V(2\$(>#!+5(!: +52!E)<#(:! . 2E!

! %!e++(!+8!P\$, , \$=!



, (' 6)' <! , !. !,) <' !. E+' <!(# \$!* \$+*/\$, a!
7\$8+2\$!: +5!0)' <, !1) //!, #5(!(\$ \$)2!E+5(#, =!
(+!: +5!(# \$!' . ()+' ,!1) //!E. 0\$!(# \$)2!*2. : \$2!'
@+E\$!. ' 6!6\$!)4\$2!5, =. ' 6!6\$/. :!' +!/+ ' <\$2A!!H+&)!8!57+'%&. 7!'

d(# \$!e++(!+8!P\$, , \$!, #. //!, (' 6! , !. !,) <' . //!(+!(# \$!* \$+*/\$, d!HF1\$ '\$&!00, 0^!'

d0)' <, !, #. //!, #5(!(\$ \$)2!E+5(#, !7\$>. 5, \$!+8!#)Ed!HF1\$ '\$&!_K, 0_!'

d#)E!(# \$!S\$')/\$, !, #. //!7\$, \$\$>#d!HF1\$ '\$&!00, 0^!'

-, ./, 0!\$2' !



F. , (!: \$. 2= . 8(\$2!D! 1 . , !+26.)' \$6! . ' 6!1 \$; 6!E+4\$6!)' (+!(# \$!E . ' , \$= 1 \$!6), >+4\$2\$6! . !
* . (>#! +8! <. 26\$' =! (#. (! #. 6! 7\$ \$' ! >/\$. 2\$6= 1 . , !+ ' >\$! #+E\$! (+! 825)(! (2\$ \$, A! %52!
' \$)<#7+52, !(+!6!5, !+8!(# \$)2!2\$!)\$8!(# . (!(\$ \$: ;6!7\$ \$' !>5(!6+1 ' =75(!D!8\$/(!, . 6' \$, , !8+2!
(# \$! /+, , !+8! . //! (#. (! 825)(85! *+(\$'). //! "#), !, \$(! E\$! + ' ! ! E), ,)+' ! (+! /++0! 8+2!
2\$* / . >E\$' (! (2\$ \$, ! [! #+ *\$85//: !, +E\$!(# . (! E)<#(!' +(!<2+1!(++! / . 2<\$! , +! . , !' +(! (+!
6), (527! (# \$! ' \$)<#7+52, A! UB*\$2)\$' >\$6! <. 26\$' \$2, ! 1) //! 0' +1! +8! (# \$! #+2!)>5/(52. //!
(\$>#') `5\$! (+! \$' , 52\$! . ! , E. //2! 825)(! (2\$ \$A! &! 825)0)' <! , *\$>(\$, !), !<2. 8(\$6! + ' (+! (# \$!
2++(, (+>0! +8! . ' +(# \$2! , E. //2! , *\$>)\$, ! [! (# \$! 2++(, ! 7\$)' <! (# \$! E+, (! ,)<')8>. ' (!
6\$(\$2E)' . ' (!+8! . ! (2\$ \$, ! \$4\$' (5. //!, (. (52\$A!'

? # \$' !1 \$!2\$. 6!+8!(# \$!e++(!+8!P\$, , \$!)' !D, .) . #!-, +E\$)E\$, !(2. ' , / . (\$6! . , !(\$!V(5E *!+8!
P\$, , \$= 1 \$! . 2\$!+88\$2\$6! . ' !)E. <\$!+8!(# \$!, (. (\$!+8!(# \$!' . ()+' !+8!P56. #!8+//+1)' <!(# \$!
\$B)/\$!)' !_. 7: /+ ' ! [! . !' . ()+' !, +!<2+5' 6!6+1' !. //!(# . (!, !/\$8(!), !. !, (5E *!+8!2++(, A! "# \$!
*2+E), \$!(# . (!(\$ \$!9\$, ,) . #!1 +5/6!, *2)' <!8+2(#!82+E!P\$, , \$, !, (5E *!=7+(#!2\$>+<') , \$6!
(# \$!' . ()+' ; , !6\$, *\$2. (\$!, (. (\$! . ' 6!' \$ \$6!(+!7\$!6\$!)4\$2\$6!82+E!(# \$)2!+ *\$2\$, , +2, =1 #)/\$!
. 88)2E)' <!(# . (!)(! 1 +5/6!7\$!82+E!(# \$!2+ . //!M. 4)6)>!/) '\$. <\$!(# . (!(\$ \$!9\$, ,) . #!1 +5/6!
>+E\$A!'

"# \$!%!&' () *#+' , !7\$. 5()85//: !82. E\$!(# \$!, *2)' <)' <!8+2(#!+8!P\$, 5, =!(# \$!9\$, ,) . #! . , !7+(#!
+2)<' . ()' <!82+E! . ' 6!\$E7+6:)' <!(# \$!e++(!+8!P\$, , \$A! "# \$!*2+4\$' . ' >\$!+8!P\$, 5, ;!+2)<' !
) , !. !>/\$. 2!85/8)/E\$' (!+8!*2+ *\$>: A!D(!), !+ ' !(# \$!2++(, (+>0!+8!(#), !' . ()+' =!(#), !>#+, \$' !
\$+/\$! +8! S+6! (# . (!(\$ \$!9\$, ,) . #! # . , !>+E\$! [! . ' ! \$E7/\$E! +8! S+6; , !/+4\$! 8+2! . //!
\$+/\$, ;! . ' 6!)' !1 #+, \$!*2\$, \$' >\$!+ *\$2\$, , +2, !1) //!7\$!72+5<#(!/+1A! "# +!2\$(52' ! (+! (# \$!
)E. <\$!+8! 825)(! (2\$ \$, =! (# \$! *2)' >)* /\$! +8! <2. 80)' <!8+2! \$4\$' (5. //!, !)\$!>. ' ! . /, +! . >(!)' !
2\$4\$2, \$A!&' 6!, +!)(!, !1)(#!5, ! [! . , !1 \$! . 2\$!<2. 8(\$6!)' (+!@#2), (=)(!), !)' ! . ' 6!(#2+5<#!
UEE . ' 5\$!/-S+6; , !+1' !2++(, (+>0!)' !#5E . ' !8+2E3!(# . (!1 \$!>. ' !2\$. >#!+52!85//\$, (!
#5E . ' !, (. (52\$A!'

V'7'1+)#!'7!+&!@: !J/7. *!

- "#\$_)7/)>. ! 12)(\$2,! 1\$2\$!8.>\$6! 1)(#!

!' () * + , < . , % , = ' > , * 6 , ? 8 @) 0 2 , % , ? 8 > , ! 9 4) + A 2 , % , =) + A , * 6 , 5 B ' , C 8 5) * + (,

%!>+E\$=!%ln\$: !+8!M. 4)6=|>+E\$!
o!+*\$'\$!1)6\$!+52!#\$\$. 4\$' /: !#+E\$A!
" #\$\$!&#'%!' () ! * & ! + , % ! , % # - % . / #) 0 ! (# 0 !
o!7. 2!(#\$!1 . :!(+!6\$. (#G,!. 7+6\$A!
!

%!>+E\$=!%!_2)<#(!. ' 6!9+2')' <!V(. 2=|
' 6!72)' <!5, !>+E8+2(!82+E!. 8. 2b!
M), *\$!/(#\$!, #. 6+1 ,!+8!(#\$!')<#(!
' 6!(52' !+52!6. 20' \$, , !)' (+!)<#(A!

;)D. '()E!;)D. '()E!F3 3\$7C)0!1&\$00!(. 3)!+. !/. CG!8!F1#\$)02!

!

%!>+E\$=!%ln)' <!+8!' . ()+' ,=7)' 6!
)' !+' \$!(#\$!#\$\$. 2(, !+8!. //!E. ' 0)' 6A!
_)6!. //!+52!, . 6!6)4,)+' ,!>\$. , \$!
' 6!7\$!: +52, \$/8!+52!n)' <!+8!k\$. >\$A!

!

%ln\$: !+8!M. 4)6!. ' 6! , >\$*(2\$!+8!(#\$!X+5, \$!+8!D, 2. \$/a!
: +5!+*\$'\$! . ' 6!' +!+' \$!>. ' ! , #5(a!
: +5! , #5(!. ' 6!' +!+' \$!>. ' !+*\$'\$' J!
@+E\$!. ' 6!/\$. 6!(#\$!*2), +' \$2, !82+E!(#\$!*2), +' !#+5, \$=|
(#+, \$!1#+!61\$//!)' !6. 20' \$, , !. ' 6!(#\$!, #. 6+1!+8!6\$. (#A!!!!!!H+&)!8!57+'%&. 7!
dD!1)//!* /. >\$!+' !#), !, #+5/6\$2!(#\$!0\$: !+8!(#\$!#+5, \$!+8!M. 4)6d!!!!HF1\$'\$&!KK, KK!

!



c+2!(#E+,(!*.2!(#\$_)7/\$!2\$8\$2,!(+!*2),+' ,!)' !. !E. ((\$2c+8c8.>(!1.:A!!e\$8\$2\$' >\$,! .2\$!E.6\$!(+!*\$+*/\$!7\$)' <!)E*2),+' \$6!1)(#+5(!756<\$E\$' (!.7+5(!#+1!+2!1#:#\$! .')*#+!'1\$!(.0\$!8+2!+52!2\$8/\$>)+' !(+6.:!*>0,!5*!.!(#\$E\$!(#.(!25' ,!(#2+5<#!(#\$! _)7/\$!(#.(!*2),+' ,!.2\$!*/. >\$,!+8!6.20' \$,,!(+!7\$!82\$\$6!82+EA!!f+!756<\$E\$' (!),!E.6\$! 1#\$(#\$2!(#\$!*2),+' \$2!6\$, \$24\$,!(#\$)2!82\$\$6+E!+2!' +(A!!!

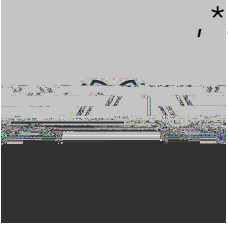
!

"#\$2\$!),!.!(\$' 6\$' >:!(+!2\$.6!4\$2,\$,!/0\$!(#),!)' !. !E\$(. *#+2)>. !/, \$' ,\$(#. (!\$4\$2:+' \$! #. ,!, +E\$!,+2(!+8!E\$' (. /p\$E+)+'. /p, *)2(5. /!*2),+' !82+E!1#)>#!(#\$:!' \$\$6!2\$/\$. , \$! (+!(#2)4\$A!!k\$2#. *,!(#),!),!,+A!!_5(!1#. (!.7+5(!*\$+*/\$!)' >.2>\$2. (\$6!)' !.>(5. /!*2),+' ,= 1)(#+5(!<\$()<!)' (+! E+2. /! +2! *+/)0>. !!756<\$E\$' (,! .7+5(!1#:#!(#\$:!.2\$!(#\$2\$g!!

!

%!9+2')' <!V(. 2=!

,*/\$' 6+52!+8!/) <#(!\$(\$2' . /! . ' 6!, 5' !+8!2) <#(\$+5, ' \$, , J!



•



@. , (\$A!!] +5!>. ' !)E. <)' \$!(# \$!#++C#.. A!!



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!!!!&64\$' (!S+6=

? \$!<)4\$!(#. ' 0,!8+2!: +52!>+' ,(. ' (!*2\$, \$' >\$!

. ' 6!8+2!(#\$!2\$' \$1 ./=\$\$. >#!: \$. 2=+8!(#\$!. , ,52. ' >\$!+8!: +52!V+' =!U E E. ' 5\$/A!

%*\$' !+52!E)' 6,!(+!(#\$!72\$. 6(#!+8!(#),!*2+E), \$=!

(#. (!: +5!. 2\$!S+6!1)(#!5,a!

S+6!)' !. ' 6!(#2+5<#!. //!

S+6!2\$' \$1)' <!. ' 6!2\$>2\$. ()' <!. //A!

V+!7\$!(A!&E\$' !

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