! "#\$%"&'(&) "*\$"+', "&

```
!! " #$%#!& '#()*+#,-!
!!.)/$*,%)',!01!2)$34#'56!78**#3898%6!$':!;'<8#*-!!
 =>?!@A!B/*\#'5!B,*)),!
                                             J>CAJ=LAM=N?!
  C?>D! "3E811)-!F$99!
                                             3$+,$'%)O%#$%#04A):8!
                                             E0059)!B3409$*P!4,,/+P00500A590M " RSN3!
  GH10*:6!GF!IJ?JK!
!"#$%&'()*
=??J!
             T4A. A!#'!B)30':!U$'58$5)!V3<8#+#,#0'!$':!;'+,*83,#0'$9!2)34'0905-6!&'#()*+#,-!
             01!B08,4!D90*#:$6!2$%/$6!DU!
              . #++)*,$,#0'P!70**)3,#()!D)): W$3X!#'!G'9#')!V+-'34*0'08+!$':!B-'34*0'08+!
             @'(#*0'%)',+!#'!B/$'#+4!$+!$!D0*)#5'!U$'58$5)!79$++)+\!!
             70YV: (#+0*+P!7$*#')!D)-,)'!$':!20'-!@*W)'!
              " AVA!#'!B/$'#+4!U#'58#+,#3+!Z#,4!$!"#'0*!#'!T0*,858)+)6!&'#()*+#,-!01!D90*#:$6!
>LLM!
             E$#')+(#99)6!DU!
              [AV!#'!B/$'#+46!"#'0*!#'!@'59#+46!&'#()*+#,-!01!\0*,4!D90*#:$6!S$3X+0'(#99)6!DU!
>LLI!
>LL=! !
             VV!#'!E)')*$9!@:83$,#0'6!"$'$,))!70%%8'#,-!7099)5)6![*$:)',0'6!DU!
+, (-!..'()%/*!0+!,'!)$!*
=??MY/*)+)',!T*01)++0*!=?>LY/*)+)',^!!V++03#\$,)!T*01)++0*!=?>=Y=?>L^6!V++#+,\$',!T*01)++0*!
             ]=?>CY/*)+)',^!01!D0*)#5'!U$'58$5)!@:83$,#0'0@BGU!#'!,4)!.)/$*,%)',!01!
             2)$34)*!@: 83$,#0'6!B34009!01!@: 83$,#0'6!F)$9,46!$':!B03#),-!$,!"#$%#!
             &'#()*+#,-A!
             _)+/0'+#W#9#,#)+P!:#*)3,!,4)!D0*)#5'!U$'58$5)!@:83$,#0'!/*05*$%6!:)()90/!308*+)!
             +)<8)'3)+6!%$#',$#'!/*05*$%!/9$'+!01!+,8:#)+6!$8,40*!$33*):#,$,#0'!*)/0*,+6!$:(#+)!
             $99!+,8:)',+!#'!/*05*$%!*)5$*:#'5!308*+)+6!+,8:-!$W*0$:6!$':!+,$,)!*)<8#*)%)',+6!
             (0.5, 0.5)
```

```
=??>Y=??J!
                                      T*05*$%!V++#+,$',!10*!,4)!B)30':!U$'58$5)!V3<8#+#,#0'!$':!;'+,*83,#0'!
                                       2)34'0905-!T4A. A!/*05*$%!$,!,4)!&'#()*+#,-!01!B08,4!D90*#:$6!2$%/$6!DUA!
=??IY=??J!
                                       ;',)*'+4#/!B8/)*(#+0*6!.)/$*,%)',!01!D0*)#5'!U$'58$5)!@:83$,#0'6!&'#()*+#,-!01!
                                       B08,4!D90*#:$6!2$%/$6!DUA!
>LLJY=??J!
                                       E*$: 8$,)!2)$34#'5!V++#+,$',6!.)/$*,%)',!0!!D0*)#5'!U$'58$5)!@: 83$,#0'!$':!
                                        a 0*9: !U$ '58$5)!@: 83$,#0 '6!& '#()*+#, -!01!B08,4!D90*#: $6!2$% /$6!DUA!
                                       E*$'.!T*05*$%!"$'$5)*!10*!.4)!B8//0*.!10*!@9)%)'.$*-!@:83$.0*+!.4*0854!
=??=Y=??J!
                                        . #+,$'3)!@:83$,#0'!#'!B/$'#+4!]B@@.B^!2#,9)!b:!D):)*$9!E*$',!/*0c)3.6!
                                       &'#()*+#.-!01!B08.4!D90*#:$6!2$%/$6!DUA!
=??CY=??I!
                                       ;',)*'$,#0'$9!2)$34#'5!V++#+,$',! a 0*X+40/!9)$:)*6!&'#()*+#,-!01!B08,4!D90*#:$6!
                                       2$%/$6!DUA!
>LLMY=??=!
                                      V:($'3):!T9$3)%)',!IVT^! )$:)*!01!B/$'#+4!U$'58$5)6!@:83$,#0'$9!2)+,#'5!
                                      B)*(#3)+!]@2B^{A}!
>LLMY>LLL!
                                       b#+#,#'5!;'+,*83,0*!01!B/$'#+4!#'!,4)!"0:)*'!U$'58$5)+!$':!U#,)*$,8*)+!
                                        .)/$*,%)',!$,!,4)!&'#()*+#,-!01!7)',*$9!D90*#:$6!G*9$':06!DUA!
>LLJY>LLM!
                                       E*$:8$,)!2)$34#'5!V++#+,$',!01!B/$'#+46!#'!.4)!U$'58$5)+6!U#,)*$,8*)+6!$':!
                                       789,8*)+!.)/$*,%)',!$,!,4)!&'#()*+#,-!01!D90*#:$6!E$#')+(#99)6!DUA!
                                      B/$'#+4!2)$34)*6!V':*)Z!S$3X+0'!F#54!B3400%!S$3X+0'(#99)6!DU!
>LLIY>LLJ!
+#1/#$%'().*
1 ( ( 2 .!
@*W) '6!2\(\delta\) \(\delta\) \(
                    !\%/0.(\%)!\%\%'0+0(1A!\)Z!^0*XP!_08,9):5)A!]7\#,\$,\#0'+!>KM6!70',*\#W8,\#0'!=JeA^!
1 ( (2*\$ < \% + \&!, .*\%) "*1 ( (2*, !='! > .!
Gf[-*')6!;\d!\$345367839\cdot\;!\d!\$74!\d!\$845367839\cdot\;!\cdot\;!\d!\$84!\d!\$845367839\cdot\;!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d!\$84!\d
                   T*$3,#3)A!!; '!. $'#)96! " A6! d! " 0X4,$*#6! g A!&+# '5!_)+)$*34!,0!;% /*0()!,4)!R8$9#, -!01!
                    ;'+,*83,#0'!10*!@U+!#'!'"$#'+,*)$%!79$++*00%+A! OZ$'!d!U#,,9)1#)9:!T8W9#+4)*+A!
                   170',*#W8,#0'P!I?e^A!
$345367839*:;*!;*d!E#9X#'+0'6!VA!]=?>C^A!_)(#)Z!01!h7$+)!B,8:#)+!#'!U$'58$5)!78**#3898%!
                     .) +\#5'P!70'3/, +!\$': !V//*0\$34) +\#'!V3,\#0'!V*08': !,4)! a 0*9: \&l \setminus Z! \setminus 0*XP! = 08.9; 5) 6!
                   =?>>A!T/A!H##6!=>?A!]70',*#W8,#0'P!K?e^A!
 . 834)*6!$\( 834\) $\( 345367839^* : ; \( ! A! \) \( d ! D#+4 \) *Y \` 08 ' 56! \( V A! \) = ?>=^A! \( V ! 789.8 * $99 - ! \) + \( O ' + #( ) ! D * $ % ) \( ZO * X! \)
                    10^{*}!@(\$98\$, \#'5!@UY; '18+): !T*05*\$\%+A!; '!SA! a A! \setminus 8,, \$6!gA! "0X4, \$*\#!d!7A!B, *)W)9!]@:+A^6!
                    2/"3#/&'()*4"/1)! "#$%"/)50)6"#$%)*'(+&,%)-"#/'"/,7)8)2/#$5&$#+)9.&:");0/)! "#$%"/)
                    *:.$#50/,<!]//A!=KLY=N?^A!7$%W*#:5)6! "VP!F$*($*:!@:83$,#0'!T*)++A!]7#,$,#0'+P!=J6!
                    70',*#W8,#0'P!=J e ^A!
$345367839*: :9*d!74) '56! A!]=??M^A!!.)+X,O/!T8W9#+4# '5A!;'!2A!@*W)'!d!;A!B$*#)($!]@:+A^6!
```

```
7VUU#'5!$99!D0*)#5'!U$'58$5)!2)$34)*+!]//A!MCYMN^A!U$*34%0'.6!\`P!@-)!0'!
                               @:83\$,\#0'A!]7\#,\$,\#0'+P=I6!70',*\#W8,\#0'P!K?e^{A!}
74) '56!_A6!d!$345367839*: ;!]=??M^A!!U\#+,+)*(+P!SO\#'\#'5!70\%\%8'\#,\#)+A!; '!2A!@*W) '!d!;A!B$*#)($!
                              ]@:+A^6!7VUU#'5!$99!DO*)#5'!U$'58$5)!2)$34)*+!]//A!>>CY>>L^A!U$*34%0'.6!\`P!@-)!0'!
                               @:83$,#0'A!]70',*#W8,#0'P!I?e^A!
 ,!-!,!!"*+#1/'$%&'().*
)-)+6!EA6! [ $**#O+6!DA6! [ $':$6! A6!V*O'+O'6! [ A6!79$*O+! [ )*9#O16!QA! D4! 3453?7839* : A!]=?=>^! [ a )!
                               7$%)!205),4)*!G8,!01!\)3)++#,-kP!V!U$,#'$!.#$+/0*$!E*08/!@'5$5#'5!#'!T91,#3$!,0!
                               24*#()!Z#,4!.#5'#,-!#'!V3$:)%#$6!S08*'$9!01! a 0%)'!$':!E)':)*!#'!F#54)*!@:83$,#0'A!
V*0'+0'6! [ A6! ] -)+6!EA6! [ $':$6! A6! [ $**#0+6! b A6! $345367839*::*!9! d!79$*0+Y [ )*9#0i6!@A!]=?=?^A!
                               ;%/*0(#+#'5!$!+/$3)!10*!8+P!V!,)+,#%0'#0!1*0%!$!U$,#'$!.#$+/0*$!E*08/A!=0./'#+)0;)
                               > .//\&\$.+.?)\#':)2":\#(O(1)@A]C^6!=KKY=MIA!
 \ 0*($96! [ A! d ! $ 345367839* : :*!!]=?=?^A!@UU!70*')*YU#'58#+,#3! " 0:#1#3$.#0'+!#'!V3.#0'!]T$*.!C!
                              O1!C^A!B\%(O)=O./'\#+O?)C\$\%(OO+)D\#5\%''?\#5\&\$,6!>Y>NA!
 [)$*:6!. A6!d!$345367839*:;*!A!]=?>L^A![)-0':!;'/8,P!T*0%0,#'5!;',)*/)*+0'$9!70%%8'#3$,#0'!
                               Z#,4!2$+XY[$+):!U$'58$5)!2)$34#'5\![*)$X#'5![$**#)*+![8#9:#'5![*#:5)+!T*0%0,#'5!
                              T)*10*\%$'3)6!KCA!
 $345367839*: :*!;9!B4) '6!m\text{M}: 4!79$*0+Y[)*9\text{O}i6!@\text{A}!]=?>N\text{A}!!24\text{H}+!\text{H}-!\text{-}!+,0\text{-}P!U\text{$\psi}, \text{H}'!\text{H}!9)\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\ext{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\ext{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\ext{$\ext{$\ext{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\tex{$\text{$\text{$\text{$\}$}}}\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\exititt{$\text{$\text{$\text{$\text{$\text{$\}\ext{$\text{$\text{$\exi\$$}\exititt{$\text{$\text{$\text{$\exitex{$\text{$\text{$\
                               3*)$,)!:#5#,$9!+,0*#)+!:8*#'5!$!+8%%)*!*)$:#'5!3$%/A!!*CB-)=0./'#+6!>Y>IA!!
$345367839*::*!;9!B4) '6!m\\(d\)!79\$*O+\[\)|*9\\(0\)16!\\(a\)!-?>N\\(\)1@\\(\)18\\(\)18\\(\)14\\(\)14\\(\)14\\(\)14\\(\)14\\(\)14\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)18\\(\)1
                               0.999! \cdot \$5\$, \$9! + 0.08 - 0.998! \cdot 5!\$ + 1.999! \cdot 0.998! \cdot 0.99
B/$*X+6!_A6!U8)WW)*+6!SA6!7$+,$'):$6! "A!T$,,0'6!]=?>N^A!F#54!B34009!B/$'#+4!B,8:)',+!$':!
                              D0*)#5'!U$'58$5)! )$:#'5!V'H#),-P!. nco!b8!V99!G()*!V5$#'!V99!G()*!V5$#'A!!D0:"/')
                               -#'(.#(")=0./'#+)@EG]C^6!JCCYJJK<)!
B/$*X+6!_A!U46!U8)WW)*+6!S46!d!$345367839*:;*!A!]=?>M^A!FOZ!a)99!.0!&B!F#54!B34009!
                              B,8: ) ',+!V34#) ()!#'!B/$'#+4! a 4) '!70%/$*):!,0!\$,#()!B/$'#+4!B/)$X)*+p\Lambda!H0/"&(')
                               -#'(.#(")8''#+,)IE]=^6!CCLYCKK<!
$345367839*: :9!E$*:')*6!V\(\delta\)\(\text{WW}\))*+6!S\(\delta\)!=?>M\(\delta\)!!79\(\delta\)+*00\(\delta\)!$':!70\(\delta\) \(\delta\)',-!T\(\delta\)*10*\(\delta\)' \(\delta\)!
                               V3,#(#,#)+!$+!U$'58$5)!U)$*'#'5!V:(03$3-!2009+\text{!!7B72DU!})/0*,6!>Y==\text{!q740+}'!\text{!}$+!
                               ,4)!9)$:!$*,#39)A!
0:*r58)iYE0'i19)i6!@A!d!
```

```
$345367839*:;!;!d!_Oc$+Y"#)++)6!\A!]=?>K^A!.#5#,$9!B,O*-,)99#'5!#'!,4)!9$'58$5)!39$++*00%P!
24)!#%/$3,!0'!,)34'0905-!+)9!Y)1!#3$3-6!Z*#,#'5!+)9!Y$++)++%)',6!$':!/)*3)/,#0'+!0!!
,)$34)*!1)):W$3XA!7B72DU!_)/0*,6!>C>Y>IK!

$345367839*:;*!;9!)]=?>C^!h;!$%!/*08:!,4$,!;!:#:!#,!$':!#,f+!$!/#)3)!0!!%)fP!.#5#,$9!+,0*-,)99#'5!#'!
,4)!10*)#5'!9$'58$5)!39$++*00%A!>8-J>B)=0./'#+<!!

$345367839*:;*!;!]=?>C^A!.#5#,$9!+,0*-,)99#'5P![8#9:#'5!=>"#Y3)',8*-!9#,)*$3-!#'!,4)!10*)#5'!
9$'58$5)!39$++*00%A!K*>!H-)6"4&"L!

$345367839*:;*!;!d!s#*5)*6!"A!]=?>>^A!"$X#'5!,4)!%O+,!0!!,4)!j\)Zk!+,8:-!$W*0$:P!B03#$9!
7$/#,$9!$':!,4)!+40*,Y,)*%!+0c08*'A!!HO/"&(')-#'(.#(")8''#+,)MM]C^6!JIIYJKIA!!!

$345367839*:;*!A!d!_0:*r58)iYEO'i19)i6!@A!]=?>>^A!U=!B/)$X#'5!+)9!Y$W#9#,-!/)*3)/,#0'+!
,4*0854!%89,#/9)!+/))34!:*$1,+A!N&,3#'&#)AM]C^0!INCY!J?>A!!

$34536783
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@*W)'6!2\(\delta\)!$ 345367839\(\cdot\): \(\delta\)!=??\(\delta\)!B8//0\(\delta\)!0\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\delta\)!\(\
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7$+,$u):$6! "A!@A!! d! "$*+4$996!FA!]=?>I6!\O()%W)*^A!B,8:-!$W*O$:P!&+#'5!,)34'0905-!,0!+8//0*,!$':!+,*83,8*)!9$'58$5)!/*$3,#3)A!T$/)*!/*)+)',):!$,!,4)!V%)*#3$'!708'3#9!0'!,4)!
2)$34#'5!0!!D0*)#5'!U$'58$5)+!70'1)*)'3)!]V72DU^A!B$'!V',0'#06!2mA!

. 834)*6!SA! d!7$+,$u):$6! "A!@A!]=?>I6!\O()%W)*^A!V3<8#*#'5!@11)3,#()!T*)Y2)$34#'5!@H/)*#)'3)!
&+#'5!$'!V($,$*!@'(#*0'%)',A!T$/)*!/*)+)',):!$,!,4)!V%)*#3$'!708'3#9!0'!,4)!2)$34#'5!
O1!D0*)#5'!U$'58$5)+!70'1)*)'3)!]V72DU^A!B$'!V',0'#06!2mA!

7$+,$u):$6! "A!@A!d!F011%$'6!U6!T)*06! "A6! "370*X9)6! . A6! a #)4)6!_A!]=?>I^A!V3<8#*#'5!@11)3,#()!
T*)Y2)$34#'5!@H/)*#)'3)!&+#'5!$'!V($,$*!@'(#*0'%)',A!T$/)*!/*)+)',):!$,!,4)!G4#0!
D0*)#5'!U$'58$5)!V++03#$,#0'!]GDUV^!7098%W8+6!GFA!

?5+,$u):$6! "A!@A6! . 834)*6!SA!qE90()*6!2A!]=?>I6! "$-^![)3$8+)!T*$3,#3)! "$X)+!T)*1)3,P!U)$*'#'5!
1*0%!D$#98*)!#'!$! "#H):Y_)$9#,-6!B$1)!@'(#*0'%)',A!T$/)*!/*)+)',):!$,!,4)!70%/8,>*!
```

1°0%!D\$#98^)!#^!\$! ^#H):Y_)\$#,-0!B\$1)!@^(#^0^%)^,A!1\$/)*!/*)+)*,):!\$,!,4)!/0%/8,)*!

V++#+,):!U\$'58\$5)!;'+,*83,#0'!70'+0*,#8%!]7VU;7G^6!V,4)'+6!GFA!

. 834)*6!S\(6!7\$+,\$u):\$6! '' \(A!@\(A!!\) d!T\$8'\\$6!S\(A!\)=?>C6!\\0()\%\(V)*^\(A!\)2)\$34)*!7\$':#:\$,)+f!B)'+)!01!B)91Y

. 834)*6!S\(\delta\)! \(\delta\)! \(\delta

 $7 +, u) : 6! "A!@A!d!_0c+Y$

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! 7$+,$u):$6! "A!]T;\(070YV8,40^\(1\)! d!B34)\(996!_A!]T\(\frac{1}{2}\),\(1\)! #\(\frac{1}{2}\),\(070YV8,40^\(\frac{1}{2}\)! =\(-2^\A!T^*\)/\(\frac{1}{2}\) +\(\frac{1}{2}\)! \(0.5\) \(\frac{1}{2}\) \(\frac{1}\) \(\frac{1}\) \(\frac{1}\) \(\frac{1}\) \(\frac{1}\) \(\frac
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- =?=?!Y!G4#0t+!D8,8*)!U\$'58\$5)!@:83\$,0*+!]GDU@^!T*05*\$%!1\$3#9#,\$,0**
- =? $\times K!Y!2$)+,#1#):!,0!G4#0!9)5#+9\$,8*)!#'!+8//0*,!01!B)\$9!01![#9#,)*\$3-!*
- =?>JY!=?>K!Y!T*)+#:)',6!G4#0!D0*)#5'!U\$'58\$5)!V++03#\$,#0'!]GDUV^*
- =?>CY=?>K!!Y!T*)+#:)',#\$9!,*\$3X!Y!G4#0!D0*)#5'!U\$'58\$5)!V++03#\$,#0'!]GDUV^!
- =?>CY=?>I!!Y!\0%#'\$,#'5!30%%#,,))!10*!,4)!G4#0!D0*)#5'!U\$'58\$5)!V++03#\$,#0'!=?>I!
- =?>=Y=?>I!Y!74\$#*!01!,4)!7099)5)(2)\$34)*!@:83\$,#0'!\$':!U#3)'+8*)!70%%#,,))!10*! ,4)!G4#0!D0*)#5'!U\$'58\$5)!V++03#\$,#0'!]GDUV^!
- =?>?Y>>!Y! ")%W)*!01!,4)!7099)5)Q2)\$34)*!@:83\$,#0'!\$':!U#3)'+8*)!70%%#,,))!10*!,4)!G4#0!D0*)#5'!U\$'58\$5)!V++03#\$,#0'!]GDUV^!
- =??LY>?!Y! ")%W)*!01!,4)!2)34'0905-!#'!D0*)#5'!U\$'58\$5)!@:83\$,#0'!70%%#,,))!10*!,4)!G4#0!D0*)#5'!U\$'58\$5)!V++03#\$,#0'!]GDUV^!

%L7FDI3?*\$EH?IDN*E?*5C7*&73ICD?G*EN* - EF7DG?* / 3?GH3G74*J%\$& - / K*

- =?>J!Y!V72DU!70'1)*)'3)!/*0/0+\$9!*)(#)Z)**
- =?>J!!!V72DU(024)!7)%\$'\$48\$3!@:83\$,#0'\$9!70%%8'#,-!B3409\$*+4#/!)(#)Z)*!!
- =?>J!Y!V72DU0; "V7!B/\$'#+4!U\$'58\$5)!T*05*\$%+!B3409\$*+4#/!)(#)Z)*!
- =?> $J!Y!V72DU(7G; \@ . !B3409*+4#/!_)(#)Z)*!$
- =?>J!Y!

\$D?ID??35D*+HT\\DI*.ICEE\\4*J\$+.\K*

• =?>?Y=?>I!!Y!@H,)*'\$9!)(\$98\$,0*!\$':!30'+89,\$',!10*!,4)!7YBT@Vg!7*#,#3\$9!U\$'58\$5)+! B8/)*#0*!T*01#3#)'3-!W-!@'+8*#'5!V:%#++#0'!,0!gY>K!B,\$X)409:)*+!5*08/!1*0%!

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=??LY=?>?

" #\$%#!& '#()*+#,-6!V9,)*'\$,)6!70%%#,,))!10*!,4)!V:(\$'3)%)',!01!2)\$34#'56! B3409\$*+4#/!\$':!VZ\$*:+!

- " #\$%#!& '#()*+#,-6!
- " #\$%#!& '#()*+#,-6!
- " #\$%#!&'#()*+#,-6!
- " #\$%#!& '#()*+#,-6!
- " #\$%#!& '#()*+#,-6!
- " #\$%#!& '#()*+#,-6!
- " #\$%#!& '#()*+#,-6!
- " #\$%#!& '#()*+#,-6!
- " #\$%#!& '#()*+#,-6!

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2)34'0905-!#'!,4)!D0*)#5'!U$'58$5)!79$++*00%!{5*$:08':)*5*$:6!30Y,$854,!Z#,4!.*A!@*W)'|!
# ?DV7F4D5O*EN*.EH5C*-MEFD839*$ EMM7G7*EN*%F54*3?8*.ID7?I740* > EFM8*/3?GH3G7*!8HI35DE?W*
  E*$: 8$,)!; '+,*83,#0 '$9! " ),40:+!{5*$: 8$,)|!
  B/$'#+4!;;;!{8':)*5*$:8$,)|!
  B/$'#+4!;;!{8':)*5*$:8$,)|!
  B/$'#+4!;!{8':)*5*$:8$,)|!
# ?DV7F4D5Q*EN* $ 7?5F3M* - MEFD83*
                                                          *
  70'()*+$,#0'$9!B/$'#+4!{8':)*5*$:8$,)|!
  B/$'#+4!;b!{8':)*5*$:8$,)|!
  B/$'#+4!;;;!{8':)*5*$:8$,)|!
  B/$'#+4!;;!{8':)*5*$:8$,)|!
  B/$'#+4!;!{8':)*5*$:8$,)|!
# ?DV7F4D5Q*EN* - MEFD83*
  B/$'#+4!;;!{8':)*5*$:8$,)|!
  B/$'#+4!;!{8':)*5*$:8$,)|!
%?8F7X*S3IP4E?*.7?DEF*<DGC*
  B/$'#+4!;b!
  B/$'#+4!;;;!
  B/$'#+4!;;!
  B/$'#+4!;!
```