! "#\$ \$ "%& ! "#\$%&!'())*+*!(,!-.&%/*&&! "*0#123*/2!(,!4#/#+*3*/2!!

```
$ )/)$0#1+%(%)0)/%/!
!
&++U1+#/%V#2%(/#)!Q. &2%6*!
M!!E*1&(/#)%29!!
M!!P3 (2%(/&!
M!!A#3 %)9!_.&%/*&&!
!
$ )2)0))!+'"3-&#$%&'(/+!
!
5#3*&@!4T!]T!BT@!^!]?#R@!5T!'T!G:<DLJT!'9/%6%&3!#61(&&!)*$*)&!%/!2?*!(1+#/%V#2%(/T!.#/+-&0)#,)1&-&2(+%&0)
3""/("4!:;@!;CND<<T!
!
```

```
4 * 3 %)%!PT0!] ?#R0!5T! 'T0!^!-#1/*220!\T!G:<D<0!Z.+.&2JT!Z!&2#7*?()=*1!6.)2.1*!0*1&0*62%$*!(/!/(/,#3%)9!
        * 3 0)(9**&d!0*16*02\(/&!(,!0. &2\)6*!\\/!,# 3 \)9!,\\1 3 &T!E#0*1!01*&*/2#2\\(/!#2!2?*!#//.#)! 3 **2\\/+!(,!2?*!
       Z6#=*39!(,!4#/#+*3*/2T!4(/21*#)0!'#/#=#T!!
4 * 3 %)%!PT0! ^ !1 ?#R0!5T! ' T!G: <<H0!Z.+. &2JT!A#3 %)9!%.). * /6*!#/=!/(/.#3 %)9!* 3 0)(9**&d!0*16*02%(/&!(.!
       0. &2\%6\*F!> (13\#2\%\$\*!\&2\#7\*?()=\*1!0\*1\&0\*6\%\$\*T!E\#0\*1!01\*\&\*/2\#2\\(/\!\#2!2\?\\!\#/\/.\#)!3\*\*2\\/\+!(,!2\?\!\Z6\#=\*3\9!
       (.!4#/#+*3*/2T!'?\%6#+(@!`BT!
4 * 3 %)%0!PT0! ^ !1 ?#R0!5T! ' T!G: <<H0!ZO1%)JT! 12#7*?()=*1!O*1&O*62\$*!(/!/(/,#3\)9!*30)(9**&d!O*16*02\%(/&!(,!
       0. &2\%6*!\%/!,#3\%)9!.\%13\&T!E#O*1!01*\&*/2#2\%(/!#2!2?*!#//.\#)!3\*2\%/+!(,!2?*!A#3\%)9!P/2*101\\&*!X*\&*#16?!
        '(/,*1*/6*T!Y%//%0*+@!4#/%2(#!'#/#=#T!!
U_2(/=(0!XT0!E^*#1\&(/0!ZT0!E^*#1\&(/0!XT0!1^*?F!ET!1^*)^*]
       \#=(02\%(/!(.!*3*1+*/2!2*6?/()(+\%*\&F!Z![.#)\%2#2\%*!\&2.=9!(.!..1/\%2.1*!\%/=.\&219!3#/#+*1\&T!E#0*1!
       01*\&*/2\#2\%(/!\#2!2?*!6(/,*1*/6*!(,!e.\#)\%2\#2\%\$*!X*\&*\#16?!\%/!4\#/\#+*3*/2!\#/=!U1+\#/\%V\#2\%(/0))
       Z)_{-}. [ .*1[ .*0!> 4 T!
E*#1&( /0!ZT! Y T0! ' #110!5T! ' T0! ^!] ?#R0!5T! 'T!G: <<N0! 4 #9JT!A# 3 %)%/*&&F! ' )#1%,9%/+!2?*!6( /&21.62!#/=!%=*/2%,9%/+!
        /(3()(+%6#)!1*)#2%(/&?%0&T!E#0*1!01*&*/2#2%(/!#2!2?*!\?*(1\%*&!(,!2?*!A#3\))9!P/2*101\&*!'(/.*1*/6*T!
        12#17$%))*@! 4 ]T!
!
#+1**b!Z!3*2#\#/#)92\\6#\)!1*$\\*R!(,\\\21\#2*+\\6!6(/\&*/\&.\&\!#/=!(1+#/\\V\#2\\(/\#)!0*1,(13\#/6\*T!E\#0*1!
       01*\&*/2#2\%(/!#2!2?*!#//.#)!3**2\%/+!(,!2?*!Z6#=*39!(,!4#/#+*3*/2T!Z2)#/2#0!cZT!
5.=+*0!\T!ZT0!E\66()(0!XT!AT0!E(=&#7(,,0!>T!ET0!]?#R0!5T!'T0!^!X\6?0!-T!BT!G:<<K0!Z.+.&2JT!'#/!?#OO\/*&&! *!
       f*#1/*=fbF!\?*!1*)#2%(/&?%0!_*2R**/!0#9!#/=!0(_!&#2%&,#62%(/T!E#O*1!01*&*/2#2%(/!#2!2?*!#//.#)!
        3**2\%/+!(,!2?*!Z6\#=*39!(,!4\#/\#+*3*/2T!W(/().).@!W^T!
] ?#R@!5T! 'T@!g#O#2#ME?*)#/@! 'T!ET@!^!'()[.%22@!5T!ZT!G:<<K@!ZO1%)JT!E*1&(/#)%29!3 (=*1#2(1&!(,!,#%1/*&&!*,,*62&F!
       Z!2?*(1*2\%6\#))9M_\#\&*=!\%/=\%\%=.\#)!=\%, *1*/6*!0*1\&0*62\%$*T!1930(&\% .3!6(/=.62*=!\#2!2?*!\#//.\#)!3**2\%/+!
        (,!2?*!](6\%*29!,(1!^/=.\&21\%#)!^!U1+\#/\%V\#2\%(/#)!E\&96?()(+97!B(\&!Z/+*)*\&0!'Z7!)
'()[.%220!5T!ZT0!5.=+*0!\T!ZT0!16(220!-T!ZT0!^!]?#R0!5T!'T!G:<<I0!ZO1%)JT!-1(#=!#/=!/#11(R!O*1&(/#)%29!21#%2&!#&!
        3 = 1 \# 2(1 \&!(,!0. \&2 \&6 *!*,,*62 \&T!^/! \ T!ZT!5.=+*!^!5T!ZT!'()[. \&22!G'?\# \&1 \&1 @! \ ?*!?(R!\#/=!R?9!(,!,\# \&1/* \&\&F!))]
        4 *= \% 2(1 \& h \ 3 \ (=*1 \# 2(1 \& ! \ (,! \ 0 \ \& 2 \% 6 * ! *, ,*62 \& 7! \ ] \ 9 \ 3 \ 0 \ (\& \% \ . \ 3 \ ! \ 6 \ (/=.62 *=! \# 2! \ 2? * ! \# / / \ . \#) ! \ 3 **2 \% / +! \ (,! \ 2? *! \ ] \ (6 \% * 29!) 
        (1!)^{-1} = .21\%
'()[.\22@!5T!ZT@!^!]?#R@!5T!'T!G:<<C@!ZO1\)JT!\?*!\30(12#/6*!(,!6(33\23*/2!#/=!6(+/\2\$*!#_\)\29!\/!0#1#))*)!
       2*#3 \&T!E(\&2*1!\&*\&\&%(/!01*\&*/2*=!#2!2?*!#//.#)!3**2%/+!(,!2?*!](6%*29!,(1!^/=.\&21%#)!^!U1+#/%V#2%(/#)!
       E\&96?()(+9T!U1)\#/=(@!ABT!
] ?#R@!5T! 'T@! Y %)=@!XT!PT@!^!'()[. %22@!5T!ZT!G:<<:@!Z.+.&2JT!U1+#/%V#2%(/#)!Q.&2%6*!#61(&&!6(/2*O2&F!Z!3*2#M
       \#/\#)92%6!2*&2T!^{'}15T! c 1**/ *1+! ^{'}15T!ZT! ' () [ .%22!G ' ?#%1&J0! : < (+2%-2)$#-'(D'"),#+)#+2&-%I&'\\#+-&0)\\/''\\\$(T!)$
        1930(\&\%.3!6(/=.62*=!\#2!2?*!\#//.\#)!3**2\%/+!(,!2?*!Z6\#=*39!(,!4#/\#+*3*/2T!"*/$*10!'UT!
!
```