```
! "#$#%&' ! "( ) *&
                                  1, 2+#*', 3*4(56(738&49:(; 5' +3%, (<+38"+8, 4:(
                                 +3=!!, 3*, #(65#(>, =$, ?+&(@(;, 3+$44+3%, (A*"=$, 4(
                                                B$389+' *53(C3$?, #4$*D(
                                            A*+*, (C3$?, #4$*D(56(E, F(G5#H!
                                            B$389+' *53I(EG(0JK. -LM. . . (
                                             595\%' , 4N0\$389+' *53P, ="(
Q\%+=, '$\%(! +\#, ,\#R(
-.0MS2#, 4, 3*(T#56, 445#(56(738\&49)(U*+\&+3)(+3=(>, =\&,?+\&(A*''=\&,4)(1,2*P(56(738\&49)(+3=(!,3*,#(65#((.3**)(+3=(.3**)(+3=(.3**)(-3.4**)(-3.4**)(-3.4**)(-3.4**)(-3.4**))))
                  >, =$, ?+\(\text{@}(; , 3+\$44+3\), (A*''=\$, 4(V! 7>7; A\(\text{A}\(\text{B}\$389+' *53(C3\$?, #4\$*D(
-.0-S-.0M( Q445%+*, (T#56, 445#(56(738%49(+3=(>, =\$, ?+&(A*''=\$, 41(1, 2*P(56(738%49(+3=!!7>7; A1(
                 B$389+' *53(C3$?, #4$*D!
-...KS-..0-( ) 4 38(Q445\%+, T#56, 445#(56(U*+&+3(+3=(>,=$,?+&A*''=$,41(1,2*P(56(;5'+3\%,(<+38''+8,4(-3.5)))))))
                 +3=!! 7>7; AI(B$389+' *53(C3$?, #4$*D(
-..XS-..K( )$4$*$38(Q445%$+*, (T#56, 445#(56(U*+&+3I(1, 2*P(56(Y#, 3%9(@(U*+&+3I(1+#*' 5"*9(! 5&, 8, (
-.. MS-.. X((
                ) $4$*$38(Q445%$+*, (T#56, 445#(56(I*+&+3(+3=(738&49I(1, 2*4P(56(Y#, 3%9(@(I*+&+3(+3=(738&49I(
                 ! 5&OD(! 5&&, 8, (
-..-S-..M(
```

(

```
a&??$+(b5&', 4(
```

```
\T+#+=$45(JOP]() $=, 5($3(%5&+05#+*$53(F$*9(c+*9, #$3, ([#+?, #4I(T9P1P(! +3=$=+*, ($3(U*+&+3I(EGCI(+4(2+#*(56(
"#$5&!1) *!"#$5&@

(
;, 6, #, 3%, (Q#*$%, 4(
(
744+D4(53(\B"545(153+*$])(\! +$+29+4I](\d$+33$(A%9$%%9$I](\b, #' +29#5=$*, I](\U%+#''4I](\<, +#%9"4I]((
\>, =, +I](\T5&D%, *"4I](\T5=$8+&*DI](\A*P(; 5' "+&=I](\[$*D"4I](\[D2953I](\_$%, (56(T5*$29+#I](
+3=(\x, #h, 4P](=8)!; #$5)!. $, 3, 2&1) - (#P(7=P(; $%9+#=(<+34$38P(E, F(G5#HR(d+#&+3=I(-...P(
(
;, ?$, F4(
```

a\\$\?\\$+(\b5\\\\\\), 4(

```
[5\#s"+*5([+445P(^($C!=\&**(\%O\&\$-\&l(*\#+34\&+*\$53l(\$3*\#5="\%*5\#D(,44+D4(+3=(35*,4(OD(>+\#\$+(T+4*5\#,(T+44+\#5P((
                         E, F(G5#HR(Y5#=9+' (CTI(OKKMP(Y5#''' (U*+&\"'' (J0PO(VOKKXNR(-M-LM/P(
                                                                                                                                                     [, h*055H(
R)#-($C!4(5)*#*3!=)/5%|(*, h*055H(53(738&49(&*, #+*''#, (65#(U*+&+3(4, %53=+#D(4%955&4)($3(%5&+05#+*$53((
                          F$*9(BP(! 53*$(+3=(QP(>, 3$\%9, \&\$P(Y\&5\#, 3\%, R(B''\&8+\#\$3\$)(OKK. P(
                                                                                                                           [#+34&+*$534(6#5' (U*+&$+3(
E2!2(B^*k!-)(!1^*(O\#5(!\_!=8)!+\&\&G!\&:!F^*(O\#5))!125, *\#D(O55H(OD!>+\#$5(>5\#53$(VO$$38"+\&(,=$^$$53!(*#+34\&+*,=((
                          F\&^{5}\#R\&O\#XTTT!(\$!F^{*}\&C^{*})\%/(+\#^{*}(055H(OD(!\&+"=\$5(!+25^{*}53=\$P(7=P(EP(>\$\%),\&P(T\$4+R(!"\#4\$I(-...)P(
Q\&O, \#^*(; P(Q4\%5\&S(+3=() \%\%^*5\#S+(c+93P(U^*9+\%+R(! 5\#3, \&K(CTI(OKKJP(OXLeOP!
=8)!D#($5!#$-!58)!"(*, 6\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{\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{\ti}\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{\text{\text{\text{\text{\text{\text
[9, (T_8+8_5+\#4')] [9, (T_8+8_5+\#4')]
                          --(VOKK. WR(eKLM^P(
[9, ([+&, (56(*9, (b5#$t531](4*5#D(OD(; 50, #*5(T$''' $3$)([#+34&+*$53(0-(VOK^/WR(--/L-XP(
                                                                                                                    [9, (_55=4(+*(E, '$1](b, $\%53(00(VOKK. WR(KP(
E5*(!, #?+3*, 41](E, 8+*$?, (!+2+0$$*D(OOP-(VOK^KWR(e-P(
1, 2#, 44\$534I](T''==\$38(>+8+t\$3, (
```

```
(
a&?$+(b5&', 4(
AD' 2+*9D(65\#(*9,(1,?xR(Q3*xL4,' x*xK(A,\#' 53(./)O12\#(+3=(B5%%+%%5`4(;),\#O)*&$P](!536,\#,3%,R((...)O12\#(+3=(B5%%+%%5`4(;),\#O)*&$P](!536,\#,3%,R((...)O12\#(+3=(B5%%+%%5`4(;),\#O)*&$P](!536,\#,3%,R((...)O12\#(+3=(B5%%+%%5`4(;),\#O)*&$P](!536,\#,3%,R((...)O12\#(+3=(B5%%+%%5`4(;),\#O)*&$P](!536,\#,3%,R((...)O12\#(+3=(B5%%+%%5`4(;)),\#O)*&$P](!536,\#,3%,R((...)O12\#(+3=(B5%%+%%5`4(;)),\#O)*&$P](!536,\#,3%,R((...)O12\#(+3=(B5%%+%%5`4(;)),\#O)*&$P](!536,\#,3%,R((...)O12\#(+3=(B5%%+%%5`4(;)),\#O)*&$P](!536,\#,3%,R((...)O12\#(+3=(B5%%+%%5`4(;)),\#O)*&$P](!536,\#,3%,R((...)O12\#(+3=(B5%%+%%5`4(;)),\#O)*&$P](!536,\#,3%,R((...)O12\#(+3=(B5%%+%%5`4(;)),\#O)*&$P](!536,\#,3%,R((...)O12\#(+3=(B5%%+%%5`4(;)),\#O)*&$P](!536,\#,3%,R((...)O12\#(+3=(B5%%+%%5`4(;)),\#O)*&$P](!536,\#,3%,R((...)O12\#(+3=(B5%%+%%5`4(;)),\#O)*&$P](!536,\#,3%,R((...)O12\#(+3=(B5%%+%%5`4(;)),\#O)*&$P](!536,\#,3%)
                                 B, D53=(a\%\%^*+3\$+R(Q3(U3^*,\#=\$4\%\$2\$\$3+\#D(!536,\#,3\%,(53(>,=\$,?+\&T5,*\#D(\$3(b535\#(56($\sum_{1}^*+1)))))))
                                 1P(T+=, 3P(E5\#^*9F, 4^*, \#3(C3\$?, \#4\$^*DP(a\%^*50, \#(-^I(-. OMP(
\) $\#8$\&(+3=(A5\#=, \&\&5`4(7' O\#+\%, (\$3(F6*C\#5\&*(\&(MR(<+*\$3(T5, *(>, , *4(), #3+%''\&+#(; 9D' , 4*, #)](<, %*''#, ((
                                 4, \#\$, 4R(1+3^*, (+^*(B54^*53(!5\&, 8, R(B, D53=(^*9, (''&O)-3P(Y, O\#''+\#D(-KI(-.OMP(
T_{1} = +858\$ + (05\% + \%, 4\% + \Re(1 + 8\%) /) O126O('\$458\$35(+8(\#, +8\%4'5(68858, 35P))(!536, \#, 3\%, \Re(B5\% + \%, ((
                                 3^*, (4/B)^*, (2/B^*), (4/C)^*, (4
                                 Y#+3}5$4(; +0, &+$4P([5"#4I(Y#+3%, P(0"3, (eI(-. OJP(
A, h(+3=(*9, (! *D(56(d5=P)(! 536, #, 3\%, R(1+3*, (588)(<``3$?, #4**I(=$(; 5' +(\<+(A+2$, 3t+P)(; 5' , I(U*+&DP((
                                0"3, (KLO. I(-. OOP(
-..KP(
A5#=, &85(+3=() $#8$$5`4(7' O#+%, P](! 536, #, 3%, R(1+3*, `4([#+=$*$534($3(*9, (E, F(>$\omega_0, 33\)'' P((
                                 C3$?, #4$*D(56(a#, 853I(7"8, 3, I(a; I(Y, O#"+#D(XI(-.. KP(
d'', 4*(\&, \%*''#, \#(53(1+3*, (65\#(\b''' +3\$*\$, 4(-R([9, (!\&+44\$\%+\&([\#+=\$*\$53P](1+\#*' 5''*9(! 5\&, 8, P(0+3P(-M(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP)-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-...KP(-.
1+3*, 4(<5?, (A$\text{M}3, 44(+3=(B, +*\psi\), \(\frac{1}{2}\), \(\frac{1}\), \(\frac{1}\), \(\frac{1}{2}\), \(\frac{1}{2}\), \(\frac{1}{
                                 1+#*' 5''*9(! 5&&, 8, P(Q2#$&(OMI(-..^P(
\<5?, LA$\H3, 44I(Y+\\, (! 534\\\5"43, 44I(+3=(*9, (! 5345\\+*\\53(56(1+3*, `4(B, +*\\, P](! 536, \#, 3\), R(((
                                 \Q(O, 3(' +3\%, 4*+#(&, (%54, (35?, ]R(E, F(1\#, %*\$534(\$3(>, =\$,?+&(U*+&\*+3(A*''=\$, 4P(C3\$?, #4\$*D(56((
                                 ! + 8565 # 3 + (+*(B, #H, \&, DP(Q2 # S \& (-^I(-..XP(
[9, (1+D(56(T, *#+#%9`4("#$'&$()*)P](Y\&5#$=+(A*+*, (C3$?, #4$*DP(>+#%9(-KI(-..MP((
1+3*, 4([F5(B, \&5?, =4P](>, =\$, ?+\&(+3=(;, 3+\$44+3\%, (;, +=\$38(d#5"2P(B5F=5\$3(! 5\&\&, 8, P(E5?P(-1(-...eP(
```

T, *#+#%9`4("#\$'&\$()*)(+4(+(! &5%HP)(B5F=5\$3(! 5&, 8, P(>+#%9(0.1(-..eP(

Y#5' (__\$4=5' (+3=(Y5\)\)\)\(\frac{1}{5}\(\frac{1}{7}\), (1\(\frac{1}{7}\), +' (5\(\frac{1}{7}\), (A\\$\(\frac{1}{7}\), 3\(\frac{1}{7}\), (>, =\\$\, ?+\(\frac{1}{7}\), 2\(\frac{1}{7}\), +\(\frac{1}{5}\)\(\frac{1}{5}\)\(-0510.433(5) -0510.433(5)

 $\label{eq:b5-basis-bas$

```
 \begin{array}{l} 1+3^*, (\$3(\_5\#=(+3=(U^*+8,R()\$4^*+\$8t\$38(^*9,(^{''}\&OO)-(\#P](\_\$^*9()\,n\#53\$s^{''},(T\&,4\%9P(\underline{>+\$3,(>,=\$,?+\&4^*4((0.5\%+8\$53P(B+^*,4(!.5\&,8,P(A,2^*P(OMI(-...MP((0.5\%+853P(B+^*,4(!.5\&,8,P(A,2^*P(OMI(-...MP((0.5\%+853P(B+^*)+853P(B+^*,4(!.586,8,P(A,2^*P(OMI(-...MP((0.5\%+853P(B+^*)+853P(B+^*,4(!.586,8,P(A,2^*P(OMI(-...MP((0.5\%+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*,4(!.586,8,P(A,2^*P(OMI(-...MP((0.5\%+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*)+853P(B+^*
```