

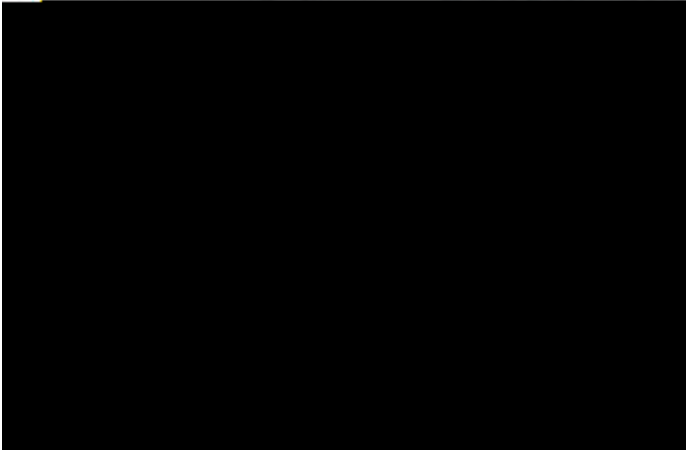
· \$ \$ ° ~ \$

| &fī ,

&Ž" , # \$ % Ž" fž |
° ~ \$

° </+> 23CF+-> 23CF= / @3/ N ~ %0

%1. ° ~ \$; . : >2. 6. 7=2* />7- *6. 7=59*; =8/ =1. 9,80 *6 *7- =*4 << ; 2> <B=1.
2 98, =*7, . 8/5 8>=2. =1. @8,5 8/ < 185; <12E9,8?2 210* ; . / . <1210
, 8>7= ; +*57, . =8* , *- . 6 2 ⇔ - 2 4H



- ° ; . * =22B2 2= ; 9, . = - +; 8* - B=8 21, 5- . * @2. ; *70 8/*; =* , =222 <* <@. 5
* <=1. , ; . * =22B ⇔ - . 7<- . 6 87 ⇔ * = 2 - . <0120*7- 2 956. 7=210 < ; ?2.
9,83, =4H
- ~ , =22B, *7 21, 5- . 78=87B9*; =22* =27 21 21- 22 >*5*7- = *6 <98; <+> =*58
=42109*; =21. A9. - 227 <*7- 21 B, *58; 2= ; 7* =27*59, 83, =4H
- \$; ?2. . 7, 86 9* << * 18 <=8/ , 86 6 >72B*7- <8, 25 < ; ?2. * , =222 4186.
. A*6 95 <21, 5- . 1. 9210, 12; . 7 @21 <9, 257. . - <E?2221018 <92*5*7-
@8, 4210 @21 ; . />0 . <8, 186. 5 << 9. 895H

*, 1 < 1885*9982 < * ° ~ \$ <9. ; ?28; @18 2; . <987 <25 /8; 9, 8?2 210* ?*; 2- , 182.
8/* , =222 </8; ⇔ - . 7=4H ; 80*6 <*; . 6 8728; . - +Bfi ; . 027*58/2. 4H

~ <B <= 6 8/ < 5L ?*5* =27. 7, 8>; *0 <⇔ - . 7<=8; . /5, =87 =1. +. 7. /2 <8/ ° ~ \$
9*; =22* =27 =8 =1. 6 < 5. <*7- =88 =1. ; <E*7- =8. ?*5* = =1. >7- . ; ⇔ *7- 210*7-
2 <21 =* ; . >2. -H

fi t, ~ \$ž, \$ " \$! ~ fi,

%l. * 2 8/*5fi 9,80*6<2=8-. ?. 59 2=; 7* 27*56 2-. - 9. 895 @18E; , 807 220=1. 2
, 86 6 87 1>6 *72B*7- <1*; . - 0*>; - 27<128/=1. 957. =1. 9=8, ;. *= * +. =; *7- 68;. 9. *, . />5
@8,5H

fi 6+<8/<=>30 /9, /G

fi; ?3/<= %l. B-. ?. 59=1. 2 7*=>; *5 >; 2-24H. B*.; >2. =1. <4257. . . <<*; B=8, 87->, =
2: >2B*7- .; <*; , 1*7- <18@ 2-. 9. 7-. 7. . 2 5*; 720 %l. B*, =2. 5. 73B
5*; 720*7- =1252. 8/5*; 720@25+. <<2. - =1; 8>018>=1. 2 52. 4H

t89A 6. 1/+ , 6 %l. B. A95. , 87. 9=42. * <*7- 2<. <=1*=1*?. 5. *5*7- 05+*5<0722*7. H
f7 <8- 820E=1. B*.; >2. 2L-. 9=1 478@5-0 *7- -. ?. 59>7-. ; <=7- 20
.; 8< +; 8* - *7- +*57, . - ; *70 8/- 2, 252. 4H

&235/<= %l. B. A ; , 2 222=2. 2 *99520=12420<425; ; 22*53*7- .; . * =2. 5=8
; , 8072 *7- *99, 8*, 1, 86 95A9, 8+56 <=7- 6 *4 .; . * <87. - E. =12*5
- . , 2274H

° 97 7?83+>9<= %l. B>7-. ; <=7- *7- . A9. <<2. * <*7- 2/8, 6 * =27, 87/2. 7=5*7- .; . * =2. 5
2 68. =1*787. 570>*Q *7- 2 * ?*; 2=B8/68. <8/ , 86 6 >72* =27H. B
@8, 4. // , =2. 5*7- @257052, 85+8, * =27 @21 8=1. ; 4H

" <B-3 6. %l. B* , =@21 2= 0 2B*7- 187. <H@21 * <=870< 7< 8/ * 27. <E3<=2. *7-
; . <9. , =/8, =1. - 272B8/=1. 2- 22>*50, 8>9<*7- , 86 6 >722 4H. B ≠ 4
; . <987<2 22B/8, =1. 2 8@7 * , =27<*7- =1. , 87< : > 7. . <=1*=* , 86 9*7B
=1. 6 H

! : /8K7 B. / . %l. B>7-. ; <=7- *7- *99, . 2= =1. 2 8@7 , >5>; . <*7- 9. ; <87*512=8; 2 <=7-
*.; 89. 7 =8=1. 9. ; <9. , =2. <E? *5. <*7- =* - 227<8/8=1. ; 2- 22>*5*7-
, 86 6 >722 4H. B*.; * , ><86. - =8< . 420*7- . ?*5* =20* ; *70 8/982 =
8/?2@E*7- *; . @2570=80, 8@ / 86 =1. . A9 ; 27. , H

° +<B1 %l. B<18@ . 6 9* =1BE, 86 9* <27 *7- .; . <9. , =-8@* ; - <=1. 7. . - <*7- / . . 570<8/
8=1. ; 4H. B1*?. * 9. ; <87*5, 86 6 26. 7=-8< ; ?2. E*7- * , =-86 *4 * 98<22.
- 2/ ; . 7. . =8=1. 52. <8/8=1. ; <*7- =8=1. . 7?2876. 7H

\$35K+5/<= %l. B*99, 8*, 1 >7/*6 22; <2>* =27<*7- >7, . ; =2=B@21 , 8>; *Q *7-
/8. =18>01E*7- 1*?. =1. 2-. 9. 7-. 7. . 8/ <922=8. A95. 7. @; 85 <E2. * <
*7- <= * = 02 4H. B*.; +; ?*. *7- *; =2>5= 2 - . / 7- 20=1. 2+. 52/4H

+68-/. %l. B>7-. ; <=7- =1. 2 98; =7. 8/2= 5, =>*591B<2*5*7- . 6 8=27*5+*57, .
=8* , 12?. 9. ; <87*5@. 5+. 20/8; =1. 6 < 5. <*7- 8=1. ; 4H

\$/06->30 %l. B02. =18>01=>5, 87<2. ; * =27 =8=1. 2 8@75* ; 720*7- . A9 ; 27. , H. B
*.; * +5 =8* << <*7- >7-. ; <=7- =1. 2 <= . 70=1<*7- 56 2* =27<2 8; . ; =8
>998; =1. 2 5* ; 720*7- 9. ; <87*5. ? . 596. 7+;

S f7= ; 7* =27*5 * , * 5>; . * = ž ; 0* 72* =27

*! ' " { ~ ž *! ' \$ ° ~ %D

° ~ \$ 2 - 2/ . ; 7 = / ; 86 B8 > ; 8 = 1 . ; fi , 8 > ; < 2 = 1 * = ° ~ \$ 2 * 7 8998 ; => 72B / 8 ; . A9 . ; 27 = 25
5 * ; 720 H # 2 ? 83 . < 5 * ; 720 + B . A9 . ; 27 , 20 @ 121 - 2/ . ; < 2 6 * 7B @ * B < = 85 * ; 720 2 *
, 3 < ; 886 H * 7B 1 201 < 1885 <=> . 7 = J . - . ; * = 27 2 - 86 2 * = - < 85 B + B , 3 < ; 886
5 * ; 720 E + > = 1 2 2 78 = 1 . , * < / 8 ; B8 > H) 8 > 1 * ? . = 1 . 8998 ; => 72B = 8 , 1 * 5 70 B8 > ; < 5
* 7 - 5 * ; 7 2 * , 86 95 = B - 2/ . ; 7 = @ * B = 1 * 7 B8 > @ 8 > 5 2 = 1 . , 3 < ; 886 H

° ~ \$ 9 , 8 ? 2 . < * 7 8998 ; => 72B / 8 ; B8 > = 8 0 2 . + * , 4 = 8 * 7 - 5 * ; 7 * + 8 > = B8 > ; B , * 5 8 ; 0 B + * 5
, 86 6 > 72B + B 0 = 2 0 2 ? 83 . - H) 8 > 1 * ? . = 1 . 8998 ; => 72B = 8 0 2 . B8 > ; = 2 . * 7 - < 4 2 < = 8
+ . 7 . / 2 = 8 = 1 . ; 9 . 895 @ 186 * B 7 . . - 1 . 5 8 ; * ; . 5 < < / 8 ; => 7 * = = 1 * 7 > < H

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

L 2 + \$ 3) 4 0 . 5 # \$ 6 3 -) 7 8

)

° ~ %=>+8. =09<

9</ +>@3C : ->@3C ; / <@3/

fh) 2+>f#°~%E

° \$, ~ &f(f&*

%12* <9, =8/°~ \$ 2 2=; 9, = - * < 2 * 02* =2. B * < 98 < 25 =8, 8?.; * @2. ; * 70 8/
* ; < * 7- 8=1.; * , =222 < 8> =2. =1. 78; 6 * 5, >; 2 > 5 6 E @ 121 2, 5-. , ; . * =2. =12420
2 =1. - . < 07 * 7- , *;; B 20 8> = 8/ < ; ?2. 9, 83, =H %12, 8> 5 2?83. - 820 - * 7, . E
=1. * =. E 6 > 2 E 8; 2, 8 > 5 2?83. = 420 87 * 5 * - . ; < 12 ; 85 * 7- - . < 07 20 * < ; ?2.
9, 83, H) 8> < 18 > 5 = B = 8 +. 2?83. - 2 0 8 > 9 * , = 222 < * 7- . < 9, 2 B 2 7. @ ; 85 < E
@ 1. ; . ? . ; 98 < 25 F 18 @ . ? . ; E 2 - 22 > * 5, 86 6 26. 7 = 85 * ; 720 * 7 * ; = 18; 6 f % * B @ . - E
@ 1. ; . 2 ; . < 9, = < 1. ; . : > 2. 6. 7 < 18; * 5 ~ \$ * , = 222 < G

- 08*5* ; . < =
- 9, 80. << 2 ; . / 5, = - > 987

~ ° &f(f&*

%12* <9, =8/°~ \$, * 7 2, 5-. 9* ; = 22* = 87 2 . A9. - 287 < E 2 - 22 > * 5 * 7- = * 6 < 98; = E
* 7- 91 B 2 * 5 * , = 222 < 8 > = 2. 8 / = 1. 78; 6 * 5, >; 2 > 5 6 F 2 * 58 2, 5-. < 91 B 2 * 5 * , = 22 B
2?83. - 2 , * ; ; B 20 8 > = , ; . * = 2. * 7- < ; ? 2. 9, 83, = H , = 22 B 6 * B 2?83. 9* ; = 22* = 87
2 < 98; = 8, 8 = 1. ; * , = 222 < ; . : > 220 91 B 2 * 5. A ; = 87 M < , 1 * < . A9. - 287 < E , * 6 920
= 2 < E 8; - 2020 = . 7, 1. < 18; @ * = ; E. = H ~ 0 * 2 E B 8 > * ; . . 7, 8 ; * 0 - 8 @ * ; - < 0 8 > 9 * 7-
= * 6 * , = 222 < * 7- > 7- . ; * 420 7. @ ; 85 < E + > = * 7 2 - 22 > * 5, 86 6 26. 7 = 2 * , . . 9 = + 5
@ 1. ; . = 1. 0 7. ; * 5. ; . : > 2. 6. 7 < 8 / ° ~ \$ * ; . 6. = G

- 08*5* ; . < =
- 9, 80. << 2 ; . / 5, = - > 987

% \$(fi .

\$; ? 2. 2?83. < 2 = ; * , = 37 E < , 1 * < = 1. + > 2 20 8 / 57 4 < @ 21 2 - 22 > * 5 8; 0 8 > 9 < 2
= 1. , 86 6 > 72 B H . , 86 6 > 72 B 6 * B + . = 1. < 188 E = 1. B , * 5 - 2 = 2 = E 8; 2 6 * B. A 2 = 87
7 * = 87 * 5 * 7- 2 = ; 7 * = 87 * 5 5 ? . 5 R > , 1 * < > 7- . ; * 420 9, 83, = 8 / * < 2 = * 7, . 2 *
- . ? . 59 20 , 8 > 7 = B H \$; ? 2. * , = 222 < < 18 > 5 78 = 87 B 2?83. - 820 = 120 < 0 < 8 = 1. ; <
+ > = * 58 - 820 = 120 < A 32 8 = 1. ; < * 7- - . ? . 59 20 * ; . * 5, 86 6 26. 7 = @ 21 = 1. 6 H % 1.
; . 5 = 87 < 12 < 18 > 5 = 1. ; . / 8. < 18 @ ; . < 9, = / 8; = 1. - 07 2 B * 7- < 5 L. < 9, = 8 / 8 = 1. ; H
f 8 - 9 < 9 < + > B 1 > 2 / = < @ 3 / / 67 / 8 > - + 8 / 82 + 8 - / , 9 > 2 - < / + > @ 3 C + 8. + > @ 3 H ~ 9 <
/ B + 7 : 6 F 0 C ? , / - 97 / B @ @ . B > 2 / + < = 9 < : 2 C = 3 + 6 + > @ 3 = C ? 7 3 12 > - 98 = 3 / <
- 9 + 2 B 1 C ? 81 - 23 < / 8 9 < = / 8 9 < = B < / = 3 / 8 - 3 6 2 97 / + H

mathbb{Z}/\sim \mathbb{Z} = 90^\circ \sim \%

$\sim \mathbb{Z} \times \mathbb{Z} \subset \mathbb{Z} \times \mathbb{Z} \text{ ? } \mathbb{Z} \Leftrightarrow \cdot \mathbb{Z} \subset @18^* ; \cdot G$

- $\cdot \cdot \cdot /5, =2. =124 ; <M \neq 1. B > 7 \cdot \cdot ; \leftarrow * 7 - =1. 2 8 @ 7 \leftarrow \cdot 70 = 1 < * 7 - 56 2^* = 87 E$
 $2. 7 = 2 B 0 8^* \mathbb{Z} * 7 - \cdot \cdot ? \mathbb{Z} \leftarrow * = 0 2 < / 8, 9 ; < 8 7^* 5 0, 8 @ = 1$
- $\cdot @ 2 5 7 0 = 8^* , , , 9 = 7. @ , 1^* 5 7 0 < * 7 - 7. @ ; 8 5 <$
- $\cdot * @^* ; \cdot 8 / = 1. 6 < 5. < * < 6. 6 + ; < 8 / , 8 6 6 > 7 2 2 < @ 2 1 ; \cdot < 9 8 7 < 2 2 2 < = 8 @^* ; - <$
 $\cdot * , 1 8 = 1. ; * 7 - = 1. \cdot 7 ? 2 8 7 6. 7 =$
- $\cdot * , = 2. 9^* ; = 2 9^* 7 < 2 \diamond < * 2. - E, 8 5 + 8 ; * = 2. 9, 8 3, \times$
- $\cdot + * 5 7, \cdot - M \neq 1. B. 7 3 B^* 7 - / 2 - < 0 7 2 2^* 7, \cdot 2^* ; * 7 0 8 / * , = 2 2 < 2 ? 8 5 2 0$
 $2 = 5, \Rightarrow * \mathbb{Z} 9 1 B < 2^* \mathbb{Z} ; \cdot * = 2. * 7 - \cdot 6 8 = 8 7^* 5 A 9 ; 2 7, \cdot <$

~9<: /<98+6 /@/ 7 /8>99--?F~%=29?6 B@/G

• ∴ *59>; 98< />5*, =222 <@21 <0722*7=8>= 86. <

09.; <87*5 1*570 L* <4<6 ><. A= 7- =1. <->-. 7=*7- +. *, 12?*+5 2 < 89.

0=18>01=>5, 87<2.; * =37E<, 1 * <937720E; . ?2@2109, 80. <<E; . 98; =20

0; . /5, =37 87 8>= 86. <*7- 9.; <87*55*; 720H

~ 59, 898< - °~ \$*, =222<7.. - 86.. =1. < /8>; ; 2; 2Hd. . 6 91* <2 2875*; 720
+B - 820 ; . *5 = <4< =1*? . ; . *5, 87<: >. 7. < *7- =1. 7 ; . /5, =20 87 =1. <
. A9.; 27, . <8?.; =3. H

%d. 6 8<=6. *720/>5°~ \$. A9.; 27, . , 86. </; 86 <9. 7- 20 =3. @21 8=1.; <= 8 +>3
; . 5 =37<12<*7- . . ? . 39 =1. < 5L@8; =1 8/ +8=1 <; ?; ; *7- <; ? . -Hf7 =1. . . <07 *7-
, 87<=>, =37 8/ B8>; °~ \$ <1. ->5< B8> *; . ; . 6 2-. - 8/ =1. . : >*52 98; =7, . 8/ *5
=1; . . *; . * < ° \$. ~ &f(f&*F ~ ° &f(f&*F % \$(f i , H %d. ; . 6 ><+ . * +*57, . +. =@. . 7 =1.
=1; . . H ~ 99, 89, 2 = * , =222 <6 21 =2, 5-. G

- 91B<2*5* <2=7, . =8=1. . 5.; B
- 1. 520@21 ; . 1*+2* =37 * =1. B, *518<92*5
- . <=*+52120*7- , 8*, 120* <98; =* 6 /8; - 2*- ?*7=0 - , 12; . 7
- . <=*+52120*7- 5*- 20* 6 >2. 7< 6+5 /8; ?2>*53 2 9*2. - 9. 895
- 2783. 6. 7=2 * =1. * =2*59, 8 >, =37 =8@121, 12; . 7*; . 2?2 -
- . 7?2876. 7=5. <8; * =37 *7- 9, 8=, =37

~ , =222 < <18>5 +. >7-. ; =4 7 0* ->*5E +. *99, 89, 2 = B * - *9= - =8 =1.
, 2, >6 <=7, . < *7- =4. 2=8 * , , 8>7= B8>; *9=2>-. < *7- 9, . /; . 7, . <H ~ 8 78= <. 4
, =222 < =1 =@25 <18, 4 B8> * < =12 @8>5 +. , 8>7= ; L9, 8 >, =2. =8 =1. . ->, * =37*5
*2 < 8/ °~ \$H) 8>; * , =222 < <18>5 +. ; . @*; - 20 *7- . 7; 21 *52783. -H(1. 7 @. 5
, *; ; 2- 8>= B8>; °~ \$. A9.; 27, . <18>5 +>3 B8>; < 5L <= . 6 E < 5L, 87/2. 7, . E *7-
< 5L. 527, . H

\$>, . <</>5, 86 95 =37 8/ °~ \$ 2* ; . : >2. 6. 7=8; =1. * @*; - 8/ =1. fi ~ 236 *H# 2*58
. << 7=25=1* =1. °~ \$ *, =222 < - 8 78=; . 92* = 8=1. ; 9*; = 8/ B8>; ~ 236 * ! ; 80* 6
@8, 4

ffff) 2+>f#ž! &°~%E

°~\$278=*982=1<8;20.A;;2Hf#<18>5+. *72=;. <20?*;2-B8/*,-222<=1*=
B8>/2-2=2<2*5@8=1@15*7-;. @*;-20*7-@12126>=>*5+7./225-8B8>
*7-8B8>;866>72BH1.7.;*5E°~\$278=*42095,. @1.7B8>*;. 2*9*<2.
;*=1.;=1*7*7*,=2.;85H%a.;.<18>5+. 3.#\$+*.3,Hf#B8>*;. 9*<2.E78=1208/
;. *5?5.E.21.;/8;B8>8;/8;8=1.;9.895E;. <5</;86@1*=B8>*;. -820E*7-78
;. *5./5,=87298<25H,A*695<8/*,-222E@121*=/2<=20=@8>5*99.*;-8+.
2*99,89,2=E*;. 5=-+. 5@G

0*7B,5<E*,=22E8;9,83,=1*=2*5.*-B9*;;=8/=1. "286*!;80*66.

0*7*,=22B/8;9.;<87*5. @*;-

0<295E=-2>E*7-;. 9.=22. @8;4

0*9*<2. 9;>2E.HH6>>6E=1.*;. E.A12287E,87,.;=?22<

09*;;=8/*6288;;508><->B

0@8;4.A9.;27,. =1*=87B+. 7./2<=1. <=>. 7=

0/>7-;*220@2178,5*;B-. /2. - . 7-2<01=

0*7*,=22B@1.;;=1.;;. 278;.<987<25*->587<2=8.?*5*=B8>;9.;/8;6*7,.

0*,=222<=1*=,*><-2287*6870-2/;. 7=0,8>9<2=1.,866>72B

0@8;4202*7859.895J<8,12;. 7J<186. @1.7B8>G

o 1*?. 782.*8/18@=1.186.89.;*=<

o *;. 3<=6*420<*7-@21.<

o 1*?. 78,87*,=*=*5@21=1.859.8958,12;.7

o *,=>*5-878<;?2./8;8=1.;9.895

P/a. *+8?. .A*695,*7+. *992-86*7B8=1.;*,=222<9;98;=20-8+. °~\$Q

f(1/+<8B1! ?>97 /=

%8, 86 95 = =1. ~ \$; . : > 2. 6. 7-E* = =1. . 7- 8/ =1. 9, 80 * 6 EB8 > 6 > <= 9, 8? 2. . ? 2. 7, . = 1* = * 55\$, ' Z
5*; 7208 > = 86. < - . < ; 2. - +. B@ 1*?. +. . 7 6. =H\$86. 6 * B+. -. 6 87 < * = - 6 * 7B = B. < E 2 * ?*; 2-B
8/*, -222 < E+> =, 86 95 = B7 ; . : > 2. < 87 B = 1* = =1. ; . 2. ? 2. 7, . /8. . ? ; B8 > = 86. H

~ < * ; . < 5-8/B8>; ~ \$. A9 ; 27, . * < * @185 E 2, 5- 20 B8>; ; . /5, = B7 < E =1. ; . < 18 > 5 +. . ? 2. 7, . B8 >
1*?. G

f8- < / + = / . C9? < + A + / 8 / = 9009? < 9A 8 = / 81 > 2 = + 8. + < / + = 09 < 1 < 9A > 2
) 8 > * ; . * + 5 = 8 < . B8 >; < 5 * < * 7 2- 22 > * 5 @ 21 ?*; B < < 425 * 7- * + 222 < E < 86. 6 8. - . ? . B9. -
= 1 * 7 8 = 1. ; < E * 7- > 7- . ; < E * 7- = 1 * = B8 > , * 7 6 * 4 , 182. < * + 8 > = 18 @ B8 > @ 21 = 8 6 8?. / 8 ; @ * ; - H

' 8. / < 5 / 8 8 / A - 2 + 6 / 81 / =
~ 7. @ , 1 * 5 7 0 6 * B+. * 7 > 7 * 6 22 ; * , = 22 E 8 ; * 7. A = 7 < B 7 - 8 * 7. A 2 = 20 8 7. H

" 6 8 8 / . + 8. B 3 3 > / . + > B 3 3 =
! 5 7 7 2 0 7 * - 2 2 2 = B 7 @ 2 5 8 / = 7 +. 2 , 8 5 + 8 ; * = B 7 @ 2 1 8 = 1. ; < H f ; * 7 +. < 1 8 @ 7 2 * , = 2 2 2 < = 1 * = * ; .
9 * ; = 8 / 5 ; 0 ; 9, 8 3, = E / 8 . A * 6 9 5 E 8 7 0 8 2 0 < 1 8 8 5 * , = 2 2 2 < 2 = 1. B , * 5, 8 6 6 > 7 2 E * < @ . 5 * < 2
< 6 * 5 < > - . 7 4 5 - * , = 2 2 2 < H

) 9-5/ . -96, 9 < + > 3 / 6 A 3 2 9 > 2 / < =
^ 8 5 + 8 ; * = B 7 , * 7 +. < 1 8 @ 7 2 6 * 7 B - 2 / ; . 7 = * , = 2 2 2 < E < , 1 * < = * 6 < 9 8 ; = E 9 5 B 2 0 6 > < 2 2 * + * 7 - E
8 ; 1. 5 2 0 2 * 4 2 - . ; 0 * ; = 7 H ~ > 6 + > 9 8 / : < 9 4 - > B @ 9 @ B 1 - 9 6 , 9 < + > 3 8 + 8. > 2 / B > 1 < + > 3 8 9 0 + >
6 + > > A 9 9 0 - < / + > B 3 C F + > 3 8 F + 8. = / < @ 3 / 3 < / ; ? 3 / . H

% 2 9 A 8 : / < / @ < + 8 - / + 8. - 9 7 7 3 7 / 8 > B C 9 ? < + > B 3 3 =
~ = * 6 2 2 > 6 E = 1 2 2 9 5 2 < * = 7 - 2 0 ; . 0 > 5 ; B * 7 - * , , , 9 - 2 0 * < 1 * ; . 8 / ; . < 9 8 7 < 2 2 2 B / 8 ; - . * 5 7 0 @ 2 1
9, 8 + 5 6 < = 1 * = * ; 2 2 = 1. , 8 >; < 8 / * , = 2 2 2 < H

^ 8 1 + 1 / . A 3 2 3 = ? / = 9 0 1 6 , + 6 7 : 9 < + 8 - /
\$ > - . 7 < 6 * B +. 2 ? 8 5 . - 2 2 = ; 7 * = B 7 * 5 9, 8 3, = + > = = 1. ; . * ; . 6 * 7 B 0 8 + * 5 2 < . < = 1 * = , * 7 +. * , = -
> 9 8 7 B , * B 8 ; 7 * = B 7 * B P 8 ; . A * 6 9 5 E. 7 ? 2 8 7 6 . 7 = 5 8 7, . ; 7 < E , * ; 2 0 / 8 ; = 1. . 5. ; B 0 H

^ 9 8 - 3 / < / . > 2 / / > 2 3 + 6 7 : 6 + > 3 8 = 9 0 0 9 ? < + > 3 8 =
< = 1 2 * 5 - . , 2 2 7 < * ; 2 2 * 5 8 < = * 7 B ~ \$ * , = 2 2 B P 8 . A * 6 9 5 E 8 7 = 1. < 9 8 = / 2 5 E 2 6 > < 2 * 5
, 8 6 9 8 < 2 2 7 E 2 ; 5 = B 7 < 1 2 < @ 2 1 8 = 1. ; < 2 ? 8 5 . - 2 < ; ? 2. * , = 2 2 2 < H . ? 2. 7, . 8 / = 1 2 4 2 0 * + 8 > =
. = 1 2 * 5 2 < . < , * 7 +. < 1 8 @ 7 2 ? * ; B < @ * B E 2, 5- 2 0 B >; 7 * 5. 7 = 2 < * 7- , 8 7 ? . ; < = B 7 < @ 2 1 ~ \$
* - ? 2 8 ; H

% 8 - . 6 8 7 < * = = 1. < 5 * ; 7 2 0 8 > = 8 6. < 1 * ? . < , , , < < / B + . . 7 6. = B 8 > @ 2 5 7. . - = 8 9. < 7 = = 1.
. ? 2. 7, . B 8 > 1 * ? . , 8 5, = - 8 ? . ; = 1. = @ 8 B * ; < H % 2. ? 2. 7, . @ 2 5 +. 2 * ? * ; 2 = B 8 / 8 ; 6 < H ~ 8 . A * 6 9 5 E
> 2 = 7 ; . / 5, = B 7 < E 9 1 8 = 8 < E ? 2. 8 E 9 8 - , * < < 8 ; * 7 B 8 = 1. ; < 2 * + 5 6. - 2 6 H) 8 > @ 2 5 +. 9. < 7 = 2 0 = 1 2
. ? 2. 7, . . 2 1. ; = 1 ; 8 > 0 1 * - 2 2 * 5 9 8 ; = 8 5 8 8 / B 8 >; 5 * ; 7 2 0 F ? 2 > * 5 9. < 7 = * B 7 - 8 B 8 >; 9. . ; < 8 ; * 9 * 7. 5
2 = ; ? 2 @ @ 2 1 = 1. ~ \$ = * 6 H \$ 9 , 2 2 - . = 2 < @ 2 5 +. - 2 ; > < - , B < ; - 8 = 1. , 8 6 9 5 = B 7 8 / = 1. ~ \$
; . : > 2. 6. 7 = 2 0 * - . W H

(H%/: =>9%--/=B°~%K*9?<\$/= 98-3 333=

° </+> C9?<°~%" 68

)8> 6><='4 9*;'2*;*70 8/*,'222<E2,5-20*=5*'87. 9,83,'E<86. 8/@121
B8> 222=- B8;< 5H)8> <18>5 ='4 9*;'2*,'222<=1*='85. B8> 2 =1. <1885
,866>72BE 8,*5,866>72BE 7*='5,866>72BE *7- =1. 2=;'='5,866>72BH
)8> <18>5 957 87 <9. 7-20 *99,8A7 *= 8 VZU 18;< 2 -8*E @21 * ;.*'*+5
+*57,. +. @. . 7,;. *='='7- <;?2. H

° +<<C9?>C9?<°~%" 68

)8> 6><='7 B8;' *,'222<E,*;;B=1. 6 8>E*7- ;. /5, =87 @1*='1*?. 5*;'7. -H
~ 6+>333=7?=>, /: <K: :<9@. +B=1. °~ \$° 88,-2*-8, +. /8. B8> <='='*7 *,'22BH
f/B8;' 9. /.;. - *,'22B: >*522<*~\$*,'22BE,8695= =1. ~,'22B!;898<5 8;6
7- ;. =>7 2=8 =1. °~ \$, 88,-2-8; /8; *99,8*5H)8> @25;.,. 2. 78-22*='8/
*99,8*5@212 87. @. . 4H#. 6. 6+. ;E°~ \$*,'222<<18>5 ,87-2>. 87 * ;. 0>5; +*<2
/8; *<870*<98<<25 =1;8>018>=1. 9,80*6H

\$/-9< 31 +8. \$/: 9<31

)8> 6><='4. 9 ;. , 8,-< 8/ B8;' *,'222<*7- * ,12?. 6. 7='E 2,5-20 * 5= 8/ =1.
9,2,2*5*,'222<>7-.;='4 7*7- ='4 918-8<@1. 7.?. ;. 98<<25H)8> @25+. 6. . =20
@21 B8;' °~ \$*-?28; /8; *5*='87. 2=;' 2 ;. ?2@ 8/ B8;' 9,80. <<*7- *0*2 /8; *
/2*5. ?2@H)8> 6><='9,8?2. . ?2. 7. . 8/B8;' * ,12?. 6. 7=8/=1. . 21=°~ \$5*;'720
8>='86. <H#2. ?2. 7. . ,*7+. 2*?*;2-B8/ /8;6 4H)8> ,*76*4 <;*9+884E918-8
. <<*BE?2. 8K'' '<8, 3<='7-*;- @,2= 7;. /5, =274H

\$/0/->98=

)8> 6><='. /5, =87 B8;' °~ \$. A9; ;27. . 4H, A9; ;27-255*;'7202*='1. 1. *;'=8/°~ \$H
, A9; ;27-255*;'7202?85. <6>, 168. =1*73<='720*7- ,*;;B208>=1. *,'22B
2< 5H f# *58 2?85. < 9. ;<87*5 8+<;?*='7- ;. /5, =27 8/ B8;' /.. 570<*7-
2=;' *,'27<E*7*5< 8/ B8;' 9. ;. . 9=27<E 2. 7=270 B8;' * ,12?. 6. 7='E 8>='7- 20
2<>. <E 9. ;<87*5< . 70=1<*7- ,1*570 <E. ?*5*='20 B8;' * ,'27<*7- =12420*+8>=
B8;' 7. @ >7-.;<='7- 204H">;20 =1. 9,83, E B8> <18>5 78= -8@7 B8;' /.. 570<E
=18>01='7- 8+<;?*='27<B8> 1*?. 6 *- . Hž 7. . B8> 1*?. ,8695= - B8;' 6. *720/>5
;. /5, =27<B8> <18>5 =1. 7*99B=125*;'720-8=1. 7. A=* ,'22B8, <2>*='7H

) / ~ & f%fi ~ \$, \t, ° &fi ž E
)8>, *7-2, ><<*7B=120=1*=9.; *2<-8 B8>; *, =22B2 B8>; ;. /5, =27H/4.
 /85@20*; 3<=* / . @ : >. <27<-81. 9 <2>5= <86. 2. * </8 B8>; ;. /5, =27H
 0". <; 2. =1. *, =22B(1*=-2 B8>-8*=. *, 1 <=0 D
 0(1*=-2 B8> 189. 8*, , 86 9521 +B=12*, =22B(1*=-2 B8> *, =>*5B*, , 86 9521 D
 0(1*=-2/2>52<-2 B8>. 7, 8>7=; D
 0" 2 B8>/ . 5* =*7B<=Q =1*=B8> @. ;. / * 270=8*, 12?. @1*=B8> @*7= - /; 86 =12
 *, =22B
 0(1*=-2 B8> 5*; 7 /; 86 =12*, =22B*+8>=B8>; < 5E*+8>=8=1.; <E8, *+8>=*7
 *, *-. 62 <+3, =22H* @*; . 7. <E; . <987<22BE7. @ <42E-. =; 6 2* =27E< 5L
 , 87/2. 7, . 0
 0" 2 *7B87. 1. 9 B8>->; 20=12*, =22Bdf / <8E-. <; 2. =1. 1. 9 02. 7H
 0(1*=@>5 B8>, 1*70 2 B8>-2 =12*, =22B*0* 2D
 0(1*=@>5 B8> 54 8-87. A=2B8>, 8>5, 87=2>. @21 =12*, =22B

(fH\$+81/ +8. . @ / <3C90+>233=L *9?<~ % 68 B 7 9< / >+3

)8>; ~ \$ 957 <18>5 2, 5-. . *, =222< =1*= , 85, =2. B ;. /5, = =1. /85@20
 , 1*, *, =; 2=2-G

* 08>9*, =22B

7, =22B=1*=, 86+2. <=@88/=1. =1; . . *, * <L; . * =22BE*, =22BE<; ?2.

7, =22B=1*=2* 7. @, 1*570 8 B8> M 21.; * 7. @; 85 8; *7. A= 7<27 8/*7
 . A2=2087.

2?85. 6. 7=@21 2=; 7* =27*59, 83, =P. 21.; 5, * 55E7* =27* 55E8; 2=; 7* =27* 55Q

7, =22B=1*=1* <; . : >2. - B8> 8, 87<2.; =1. . =12*52 95* =27<8/B8>; *, =27<

87. *, =22B=1*=B8> 9577. - *7- 222 = -

~, =222<<18>5 ?*; B 2 570=1 *7- 2 =1. *68>7=8/, 86 6 26. 7=; . : >2. - /; 86 B8>E
 +>=787. <18>5 +. =225H

#. 6. 6+. ; E2 2 B8>; * =2>-. =8@*; - <B8>; ~ \$ *, =222 <E*7- =1. ;. /5, =27<87 B8>;
 5*; 720E@121 2 2 98; *7+H

°~\$°ŁŻ"~#
!#ž°,"&#,\$~Ž" "Ł~Łfž,\$

	fl ž fl \$ * Ł \$		%ž fl \$ * Ł \$
	<ul style="list-style-type: none"> • %& " Ł & " ~ \$ Ł & ! \$fjž & &fl ž 		
%: >7, /<	\$=>-B=121*7-+884H *87±, =1. °~\$ *88-2*8 -8*7@; B8>; >. <27< *+8>°~\$ \$=>. 7<*;. . 7, 8>*0 - 8 02. =18>01=-8 98= 7-25 9, 83, <*7- *, -222-€ 2, 5- 20=18< @121 2785. 08>99*; -22* -27	%: >7, /<K ! ->, /<	&7-. ; ±4 *, -222-€, 855, = . ?2. 7., E*7- @; 2; . /5, =27< °~%" 68. 3-? =987 //>B1 † *4 *9982-6. 7=@21 =1. °~\$, 88- 2*8- + /8. . 7- 8/V [°] : >*; =;
! ->, /<ž 9@/7, /<	°. <27 * /2<-; * /8/ =1. °~\$! 57 B8> @25* = 69=-8 /85@ /8 =1. 7. A=@8B *;< °~%" 68. 3-? =987 //>B1K † *4 *9982-6. 7=@21 =1. °~\$, 88- 2*8-; "\$, K""\$! (-†! \$Ž /8 87. *, -22B87 B8>; °~%" 68 <18>5 +. /25- 8>=-8 =1. +. <=8/B8>; *+22B Ž //>B1 A 32 09<7 +8 : 68, /09</ 8. 900°; ?+</<	ž 9@/7, /<K fl+8?+<C	°~%f8 B3?+6" 68. 3-? =98 7 //>B1 % Ž fl&! 29? <f\$, °~† &fl ž % ž ,(fl , ž °, 09<-97: 6>. +>B33=L
"/- /7, /<fl+8?+<C	&7-. ; ±4 *, -222-€, 855, = . ?2. 7., E*7- @; 2; . /5, =27< °~%" 68. 3-? =987 //>B1K † *4 *9982-6. 7=@21 =1. °~\$, 88- 2*8- /8. =1. VV- : >*; =;	° /, <2+<CK Ž +<2	*9? =29?6 / 8/+<6. 98/D ° 86 95 . ?2. 7., =1* =B8> 1*? 6. =1. 5*; 7208>= 86. < % Ž fl&! 29? <f\$, °~† &fl ž % ž ,(fl , ž °, 09<-97: 6>. +>B33=L ° fl °† °~%"† ° ž °, ° Ž ° \$ / QJ&/
"/, <2+<CKŽ +<2	&7-. ; ±4 *, -222-€, 855, = . ?2. 7., E*7- @; 2; . /5, =27< °~%" 68. 3-? =987 //>B1 † *4 *9982-6. 7=@21 =1. °~\$, 88- 2*8- + /8. =1. . 7- 8/X° : >*; =;	Ž +C	°B+6°~%" <91<7 " </=8>+>98 A 32-99< B+>9< \$>+6 2<-278/; /5, =27-€ . ?2. 7., *7- °~\$ *86 95 =27 ° 8 6H °, ° Ž °~* Q&
°: <6KfP8/	&7-. ; ±4 *, -222-€, 855, = . ?2. 7., E*7- @; 2; . /5, =27< °~%" 68. 3-? =987 //>B1 † *4 *9982-6. 7=@21 =1. °~\$, 88- 2*8- + /8. =1. . 7- 8/Y° : >*; =;		

ˇ ž # † \$

° ~ % ! ! \$ " f x ~ & \$! % (~ ' ~ & # i ž ž ! & %

' / 6A 3 + = 7 : 6 90 > 2 / 0 7 > 2 / ° ~ % ° 99 < 3 + > 9 < A 3 6 ? = / > 9 + = / = 0 9 ? < : < 9 1 < / =
+ 8 . - 9 7 : 6 > 9 8 9 0 > 2 / ° ~ % < ; ? 3 / 7 / 8 > 9 0 > 2 / fi " 3 0 7 + " < 9 1 < + 7 H

ž + 7 / 9 0 = ? . / 8 > G

. @ / 8 >	" + /	% 1 8 + ? < /	° 9 7 7 / 8 =
% ? . / 8 > 2 + = . / - 6 < / . + 8 + - / : > , 6 : 6 8 0 < ° ~ % + > 3 3 3 =			
° 9 8 = ? 6 + > 9 8 , / > A / / 8 ° ~ % + . @ 3 9 < + 8 = ? . / 8 >	Q ° # ' ~ \$ & \$ M M M M M R ° # ' ~ \$ & \$ M M M M M S ° # ' ~ \$ & \$ M M M M M T ° # ' ~ \$ & \$ M M M M M		
% ? . / 8 > 2 + = = ? , 7 3 > / . 0 8 + 6 < / 0 6 - > 9 8			
% ? . / 8 > 2 + = = ? , 7 3 > / . / @ 3 / 8 - / > 2 + > 6 + < 8 3 1 9 ? > 9 7 / = + < / 7 / >			
% ? . / 8 > 1 + @ / + 1 9 9 . : < / = / 8 > + > 9 8 9 0 > 2 / 3 ° ~ % : 9 < 0 6 3			

fř \$&t t ~ #)G

- ° 86 95 = =1. | . =20\$*; = - <1.. =+B=1. - . * - 57. << =H
- ° 86 95 B8>; ° ~ \$! 57H
- ~ 5@*B<1*?. B8>; * , =222 <*99,8?. - +B=1. ° ~ \$, 88; - 2* =8; +. /8;. B8> <=*; =H
- ~ 5@*B<* <4=1. , 88; - 2* =8; =8, 86 95 = =1. ¿*5* =37 #. 98; =* =1. . 7- 8/. *, 1
*, =22BH
- (; ≥ 6. *720>5. /5, =37<H
- fl . 9*5 ?2. 7, . 8/B8>; ° ~ \$5*; 720P2H=4 918=8E6 *4 ?2. 8<H
- ° 86 95 = =1. ° ~ \$; . : >2. 6. 7=+BŽ ~ *! ~ *! ' \$ % ž fl \$ * , ~ \$
- % 54 =8 B8>; ° ~ \$ ° 88; - 2* =8; 2 B8> . 7, 8>7= ; - 2/2>52 <H