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

$# '-- ', ! ! $

#./ (./ ! 0 '11 0

+0

, ' 2/ 0 !
34-/ ! 0 5 # 01 0

6
$# '-- ', ! ! $ 7

&. /% / 4 0 /. ,# 0
8 / &. / ! 0 '11 0

+0

, ' 2/ 0 !
34-/ ! 0 5 # 01 0

6+$%122
$<8%
3$7+$1

6
$# '-- ', ! 3 ! $

'LJLWDOO\ \
E\ 6+$%1225
$<8% 3$7+$1
'DWH

#./ 9& 0 : /.
0,#0' /0 9 0 ;
/. ,#0 '11 0

+0

, ' 2/ 0 !
34-/ ! 0 5 # 01 0

6
$# '-- ', ! 3 ! $

,<= (/ - 4 0 /.
0,#0' /0 ,<= - ! 0 '11 0

+0

, ' 2/ 0 !
34-/ ! 0 5 # 01 0

6
$ # ' -- ', ! 37 ! $
& 1 4 0 /.
0 ,#0 0 & ! 0 ' 11 0
+0
, ' 2/ 0 !
34 -/ ! 0 5 # 01 0

6
$ # ' -- ', ! 3> ! $
# . / (. / ! 0 ' 11 0
+0
, ' 2/ 0 !
34 -/ ! 0 5 # 01 0

6
$ # ' -- ', ! 3? ! $
& * 0 @ - ! 0 ' 11 0
+0
, ' 2/ 0 !
34 -/ ! 0 5 # 01 0

6
$ # ' -- ', ! 33 ! $
& 8 = 4 0 /.
0 ,#0 #. / A& ! 0 ' 11 0
+0
, ' 2/ 0 !
34 -/ ! 0 5 # 01 0

6
$ # ' -- ', ! ! $
((/ ! 0 ' 11 0
+0

, ' 2/ 0 !
34 -/ ! 0 5 # 01 0

6
$ # ' -- ', ! ! $
& 8 B 0 8 ' 11
+0
, ' 2/ 0 !
34 -/ ! 0 5 # 01 0

6
$ # ' -- ', ! 7 ! $
(1/ B 0) 0 C ' 11
+0
, ' 2/ 0 !
34 -/ ! 0 5 # 01 0

6
$ # ' -- ', ! 7 ! $
& * 0 @ - ' 11
+0
, ' 2/ 0 !
34 -/ ! 0 5 # 01 0

6
$ # ' -- ', ! 7 ! $
) / (1/ . 4 0 /.
0 ,# 0 B) / D) .
! 0 ' 11 0
+0
, ' 2/ 0 !
34 -/ ! 0 5 # 01 0

6

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$ # ' -- ', ! 77 ! $

((/ ' 11

+0

, ' 2/ 0 !

34 -/ ! 0 5 # 01 0

6

$ # ' -- ', ! 7 ! $

6

) ' --, ' ! ! 3> ! $ >

C = 8 = - ' 11

+0

, ' 2/ 0 !

34 -/ ! 0 5 # 01 0

6

$ # ' -- ', ! E ! $

(& ! 0 ' 11 0

+0

, ' 2/ 0 !

34 -/ ! 0 5 # 01 0

6

$ # ' -- ', ! ! $

& 8 B 0 8 ' 11

+0

, ' 2/ 0 !

34 -/ ! 0 5 # 01 0

6

$ # ' -- ', ! >7 ! $

& & . / 4 0 /.

0 ,#0 (& ! 0 ' 11 0

+0

, ' 2/ 0 !
34 -/ ! 0 5 # 01 0

6
$ # ' -- ', ! ? 3 ! $
C = 8 = - ! 0 ' 11 0
+0
, ' 2/ 0 !
34 -/ ! 0 5 # 01 0

6
$ # ' -- ', ! ?> ! $
/ 8 D & 8 ! 0 ' 11 0
+0
, ' 2/ 0 !
34 -/ ! 0 5 # 01 0

6
$ # ' -- ', ! ?> ! $
8 = / 8 = 4 0 / .
0 ,# 0 # . / 8 = ! 0 ' 11 0
+0
, ' 2/ 0 !
34 -/ ! 0 5 # 01 0

6
$ # ' -- ', ! ?? ! $
# . / (. / ' 11 0
+0
, ' 2/ 0 !
34 -/ ! 0 5 # 01 0

6
$ # ' -- ', ! ?E ! $

8 = /8 = 4 0 /.
0,#0#. / 8 = ! 0 ' 11 0
+0
, ' 2/ 0 !
34-/ ! 0 5 # 01 0

6
$# '-- ', ! ?E>!$
6
#) '--, ' ! ! 3>7 ! $ >

#8 =A * 0/ 8 ' ' 11 0
+0
, ' 2/ 0 !
34-/ ! 0 5 # 01 0

6
$# '-- ', ! E> ! $

#8 =A * 0/ 8 ' ' 11 0
+0
, ' 2/ 0 !
34-/ ! 0 5 # 01 0

6
$# '-- ', ! 3 ! $
6
#) '--, ' ! ! E !$

' 2/ .(4) B+& 4
& . . - A 4 ' 11
+0
/ 8 0& 8 ! 0 5 # 01 0

6
$# '-- ', ! 3>! $
6
#) '--, ' ! ! E E !$

' 2/ . (4) B +& 4
& . . - A 4 ' 11
+0
. / 4 0 /. 0
,# 0 ' / 0 4 0
/. ,# 0 ! 0 5 # 01 0

6
$ # ' -- ', ! 3 ?! $
6
) ' --, ' ! ! E E ! $

' 2/ . (4) B +& 4
& . . - A 4 ' 11
+0
& * 0 @ - ! 0 5 # 01 0

6
$ # ' -- ', ! 3 3! $
6
) ' --, ' ! ! E 3 ! $

' 2/ . (4) B +& 4
& . . - A 4 ' 11
+0
((/ ! 0 5 # 01 0

6
$ # ' -- ', ! 3 E! $
6
) ' --, ' ! ! E 7> ! $

' 2/ . (4) B +& 4
& . . - A 4 ' 11
+0
8 = A * 0 / 8 ! 0 5 # 01 0

6

$ # ' -- ', ! 3 ! $
6
) ' --, ' ! ! E > ! $
' 2/ . (4) B +& 4
& . . - A 4 ' 11
+0
8 = /8 = 4 0 /.
0 ,#0 #. / 8 = ! 0 5 # 01 0

6
$ # ' -- ', ! 3 ! $
6
) ' --, ' ! ! E E ! $
' 2/ . (4) B +& 4
& . . - A 4 ' 11
+0
, < = (/ - 4 0 /.
0 ,#0 - 1 , < = - ! 0 5 # 01 0

6
$ # ' -- ', ! 3 ! $
6
) ' --, ' ! ! E ? ! $
' 2/ . (4) B +& 4
& . . - A 4 ' 11
+0
8 = /8 = 4 0 /.
0 ,#0 #. / 8 = ! 0 5 # 01 0

6
$ # ' -- ', ! 3 ! $
6
) ' --, ' ! ! E > ! $
' 2/ . (4) B +& 4
& . . - A 4 ' 11

+0

(& ! 0 5 # 01 0

6

$ # ' -- ', ! 3 7 ! $

6

) ' --, ' ! ! E > ! $

' 2/ . (4) B +& 4

& . . - A 4 ' 11

+0

. / (. / ! 0 5 # 01 0

6

$ # ' -- ', ! 3 ! $

6

) ' --, ' ! ! E ? ! $

' 2/ . (4) B +& 4

& . . - A 4 ' 11

+0

& & . / 4 0 / .

,# 0 (& ! 0 5 # 01 0

6

$ # ' -- ', ! 3 > ! $

6

) ' --, ' ! ! E E ? ! $

' 2/ . (4) B +& 4

& . . - A 4 ' 11

+0

& * 0 @ - ! 0 5 # 01 0

6

$ # ' -- ', ! 3 ? ! $

6

) ' --, ' ! ! E EE ! $

' 2/ . (4) B +& 4
& . . - A 4 ' 11
+0
(1 / B 0) 0 C ! 0 5 # 01 0

6
$ # ' -- ', ! 3 3 ! $

' 2/ . (4) B +& 4
& . . - A 4 ' 11
+0
. / (. / ! 0 5 # 01 0

6
$ # ' -- ', ! 3 E ! $
6
) ' --, ' ! ! E 3E ! $

' 2/ . (4) B +& 4
& . . - A 4 ' 11
+0
) / (1 / . 4 0 / .
0 ,# 0 = B) / D)
. ! 0 5 # 01 0

6
$ # ' -- ', ! 3 ! $
6
) ' --, ' ! ! E 73 ! $

' 2/ . (4) B +& 4
& . . - A 4 ' 11
+0
. / (. / ! 0 5 # 01 0

6
$ # ' -- ', ! 37 ! $
6

#) '--, ' ! ! E> !$

' 2/ .(4) B+& 4
& . . - A 4 '11
+0
& 8 B 0 8 ! 0 5 # 01 0

6
$# '-- ', ! 37 ! $
6
#) '--, ' ! ! E 7 !$

' 2/ .(4) B+& 4
& . . - A 4 '11
+0
#8 =A * 0/ 8 ! 0 5 # 01 0

6
$# '-- ', ! 37 ! $
6
#) '--, ' ! ! E7 !$

' 2/ .(4) B+& 4
& . . - A 4 '11
+0
& 1 4 0 /.
0,#0 0 & ! 0 5 # 01 0

6
$# '-- ', ! 377 ! $
6
#) '--, ' ! ! E ? !$

' 2/ .(4) B+& 4
& . . - A 4 '11
+0
((/ ! 0 5 # 01 0

) / C - 0 @ # 8 @ 4 / % 0
- - 0 11 $ 0 '11 0
74 3 4 7 4 4 ?E> 4
E> 4 37 4 3 4 4 33 4
4 77 4 ?? 4 3? 4 7 4
4 ? 3 4 7 4 3> 4 7 4
?> 4 ?> 4 E 4 > 7 4 ?E
01 377 4 3 > 4 3 4
3 7 4 3 4 3 3 4 37 4 37 4
3 4 3 4 3 E 4 3 > 4 3 3 4
3 E 4 3 ? 4 3 4 3 4 3 4
37 4 3 ?

) '0 0 @ # = 0 &/ 1 4 &/ 1 4
' C " 8 11 377 4 3 > 4
3 4 3 7 4 3 4 3 3 4 37 4
37 4 3 4 3 4 3 E 4 3 > 4
3 3 4 3 E 4 3 ? 4 3 4 3 4
3 4 37 4 3 ? 01
74 3 4 7 4 4 ?E> 4
E> 4 37 4 3 4 4 33 4
4 77 4 ?? 4 3? 4 7 4
4 ? 3 4 7 4 3> 4 7 4
?> 4 ?> 4 E 4 > 7 4 ?E

) ' # - 4 ' -

! #') F') (! #B' #4%

 # #+ &! F%,*34 ?

-#! ! " &! F%,* 4 ?

%&) F

0 . /1 0 0 / ==

2/ 0 1 .0 . + . - 9B / : 4 /8

(4 & 0 -/ 0 @ 2/ 1/ 1/ 1 0

& . - A 1 0 . /1 / 0 ,

7 7 . @ , # 0 E

74 74 74 74 7 74

74 E 74 74 7 74 7> 74 7?

74 74 7 74 74 ?E 74 3

74 3 74 37 74 3> 74 3? 74 33

74 3E 74 7 7 7 !/ 0

04 $ 0 '11 $ 0 '11 3

0 = , # 7 7 = 4 $ 0

'11 ?? $ 0 '11 3 7 0

= , # 3 7

/ , ' 2/ 0 ' 4

E 4 2/ 0 0 @ 0 1/ 0 !

3 4 , ' 2/ 0 ! 1 00 '@

,'G 3 # > 3) ' . 2/ .

4 / 9 : ' @ 0 00/ 7 %/

(. 00 0 @ =1 0 @ /

0 @ 4 = 0 0 /. / E

, ' 2/ 0 ' 11 0 @

%/

7 " @ 4 , ' 2/ 0 ! 00

A 0 / . /10 . =1 0

0 /1 0 @ @ =1 0

#0 4 1 4 /1 #0 4 1

4 /1 #0 4 1 /1 +

#0 ?4 1 ' . = 04 = 8

C / < , ' 2/ 0 ! @ 0 =/ @

/ = 8 C / 1 C . 2/ 0

= =1 0 #0 74?E4 1

0 0 = 0 .

C . 0 @ 00/ + .

& 18 . @ 0 1/ 0 ?) 7

+ . & . @ 0 1/ 0 '/./0 7 1 0

C /1 0 0 / . / 0 1 .0

> (# / 4 = 0 < =

=0 C 0 0/11 = . C /

< = < 7 @ 00 < =

= 0 0 1 / 1 0 A/ .= 0

, # 3 3 , # 3?

3 $/ 4 /1 1 0 C /0 0

0 . # . 0 0 34 3 E4 34 4 >E4 ? 4

4 7 3 > = 0 0 1 / . 3

< 0 0 E 3 4 7 3 . @ 0

/= 0 < 0 > / 1

. 0 00/ + . 0 ./ . 4

. '1

? !11 0 @ 0 = 0 0 . =

0 = @ 0 1 / <

3 !11 0 11 0 0 . 0

@ 0 = < = - / . # = 8 B A 8 4

@ 0 C / < = @ 0 = 8

< 7?4 @ 0 00 < = !11 /

1 / /= 0 /. < 0 73 7E4 / . 0

3 %/ %/ = 1 /8 (

E ' 0 . /= C 1

0 04 # / 0 (.

00 0 @ A/ .= @ # / 4

= 0 0 @ 0 2/ . C

1 0 11 0

) / C - 0 / 0 11 .

= 0 0/ = + . - B / 0 0 /

0 0 (. @ C . 0 & 18 . 4 & . 4

./ . 4 . '1 0 0/ = /.

0 0 (0 =1 C 00 C 1

@ 0 0 4 0 C . 0 0 / C 0

C 0 = . . 1 / 0 ' . = 04

+ . - B / 0 0 == / @ + .

& 18 . (0 C . 0 0 / 0 / 0

C 4 @ 0 + . 0 & . 4 ./ . 4 .

'1 0 / 0 C 0 0/ =

C) - 1/ # C 0

C . 0 . . 1 4 / @ 0 A .

C . 0 C . 0 = 0/ / .0 . / / 0

0 0/ = 00/ . . 0

C . 0 0 . 01/ C @ .0

($ 0 '11 > 0 . /

2/ 0 0 = + . & 18 . # 0 1

/1 1 . 1 0 E7 E 0 A/ .= 4 @

(0 @ 0 0/

/= C 0 @ . + . 0 & 18 . 4

& . 4 ./ . 4 . '1 4 0 0 @

=4 2/ 0 C / 0 0

0/ = (0 0 0 C 0

C . 0 0 / @ /0 / @ 8 = 0

@ 0 0/ 0 2/ 0

0 C . 0

/ 0 0/ = C =1/.

A/ .= # / 1 0 0 = / 1 0

' 0 C 1 . 1 0 774 734 4 7 >

=1/. A/ .= 0 0/ = # / 0

+ . - B / + . & 18 . C

== / C . 0 A .

/ 0 / 01 0

01/ 0 / 1 0 0 0 2/

0 C . 0 0 0 = 0 C 0 @

2/ 0 + . - B / @

0/1 2/ 0 + . & 1 8 . !

0 04 # / = 8 C /

= + . & 18 . @ 0 11 0

2/ = + . - B /

/ 0 / 0/ = C / .

./= 0 # / 4 01 0

1 =1 0 . + . & 18 .

/ = 11 + . - B / 4 /. @ /

. . 0 ' . = 04

01 0 =0 C 0 1 =1 C . 04

@ 0 0 11 1 0

/ 0 0/ = + . - B / 0

C + . & 18 . 0 0/ =

0 . . + . - B /

) - 1/ # 00 # C . 0

/ / = 0 . ! 4

+ . & 18 . C 0/ . C

0 0/ = 0 / & . & =4

@ 0 @ # C < 1 / .

0 0 4 4 . 00 C @ 0 0=

.

7 / 0 / 0/ = C

1 A/ .= . + . & .

0 @0) - 1/ # @ 0 0 / 0 =

0 = + . & . ' . = 04

1 0 + . - B / 0 = 0 0 =

0 @ C . 0 0= . C

C 0 0/ = 01 0 C @ .

=1 # . # 0 / 0

) - 1/ # @ C 4 00 < = 4

01 0 C =) - 1/ #

. # @ 0 4 4 C 0

@ . 0 = 0 0 0

/ 0 0 /1 1 . 1 3E

A/ .= ($ 0 '11 >

0 0/ = (0 0 C

@ 0 @ # C / . = 0 1

4 0/ / . C . 0 @ 0=

. 4 0 0 @ C . 0 @ C 0 4

4 10 . / / 0 @

0/ 0 0 = 0 0/ = /. / 0 =

1 = 00 @ C . @ . C 0 0 =

C . 4 0 0 0 = . / . C . 0

A 0 =1

> / 0 0/ = @ 0 =

1) 0 B 0 +

& C 1= 1 0 @ + . 0 ./ . 4

. '1 01 C 1= / . @

2/ 0 ' . = 04 C 0

1 / 0 @ < 0 /0 04 ==

C 04 0 / 0 C 1= 0

C . 0 0 0/ = 01 0 = 00/=

0 A .) - 1/ # .

. / / 1 @ / . C .

? 0 / 0/ = C

& . 0 0 @0 0 0 C . 0

@ . / / . 00 0 @ . /0

. / / 1/ 1 0 ' . = 04 = /0

0 0 / 4 / = 0

C . . / / 1 < 0 0 0

0/ / 00 0 C 0 @ . / C 1=

8 == . / / /0

/ 0 0/ = @ 1 00 1 ,

' 2/ 0 ! 0 0/11 0 = 0 0 1 /

, ' 2/ 0 ! 0 01

@ 0 0 0 C = + . - B /

/0 00/ 0 / @4

0 0 0 8 1 C . 4

, ' 2/ 0 ! =0 0 0 0 =

A . C . 0 = . = 8 C /

3 0 0/ = , ' 2/ 0 ! C 0

C . 0 1 0 4 < = . / 2/

2/ 04 /1 0 0 0 = + . 0 '1 4

B 4 . ./ . ' . = 04

, ' 2/ 0 ! =0 / 0 0

C . 0 @ 0 = 2/ 4 4

0 0 0 0 0 0 1 1 =1 0 0

/ 0 0/ = 2/ . /

0 0 0 C . 0 0 =1 C . 04

01 0 @ 0 0 0 0

=1 / 0 / 0/ = /.

, ' 2/ 0 ! 0 /00 = 0 8

8 4)) '00 00=) 4

/ = < = 8 C / 1 . 0 0 0 0

= 0 . C . =1 0

0 0 . . 0 /1

0 0/ = 0 0 0

/ 1 . 1 =1 /.

A/ .=

E / 0 ./ 00 00= 04 #

8 0 0 = = 0 . =

= 8 C / / , ' 2/ 0 ' # 0 1

/1 0 0 *) 0 ! 0 +0 (=*

- 4)' ") E 7 ? F 9 ?: 9?:) ,% E 4

6 0 (. +0 =1 ! 0 4)' " 7 3> F

9 3?: 7 ??4 *- # = # ! 0 +0 , ' 2/ 0*

! 4 " & C 1= '/ 4

! 0 4)' " > 3 > F 9 >: 7 >4 *, ' 2/ 0*

! 4 // ! 0 +0 % 0 # ! 0 4)' "

>E7 > F 9 >: 3 3 0 0/ = 0

0 0 @ = 8 C / 0 =

0 0 =1 0 0 0 C /

00 00= 4 # # 8 0 = = 0

/ 0 / 0/ = 2/

0 . / / 0 0 / 0 / 8

C ' . = 04 0 2/

0 C = / 0 /

1 0 A . C /0 @ 01 C

0/ 0 0 0/ = = @ 0 @ 0 0 /

@ + . 0 & . C4 @ 0/11 0 0

2/ 0 @ 0 0

, 0 4 / 0 0/ = . 1 1 0

. C . = =1 0 @ 0

0 1 /1 1 . 1 0 > > A/ .=

$ 0 '11 > 0 @ 0 0 0 =

. C 0 +0 1 , ' 2/ 0 ! 4 - ! 0 4

)' " 3 EEF ' # EE ?> 4 *, ' 2/ 0*

! 4 // ! 0 +0 % 0 # ! 0 4)' " >E7

>F 9 >: 3 3

0 0/ = / E 0

. 1 . # / 0 =

= 8 C / 0 0 0 C 1 /

' . = 04 0/ = 0 1 /

0 @ . =1 0 @ , ' 2/ 0

! 0 2/ 4 / 0 0 /1

2/ . A/0 =1 0 @

= 8 C / 0 00 00 0 1/

/ 00/= . @ . 1/ 0

@ . 0 1 = 8 0

/ 0 11 . = 0 0/ =

2/ . 0 1 0/ 0 C

/ 0/11 @ 1 00

, ' 2/ 0 ! 0 0/ = < 1 .

C 0 @ 00 1 / . = 14 1

= 0 /. ' . = 04

2/ . 0 1 / =1 0

0 0 C 0 @ = 8 C /

= , ' 2/ 0 ! @ 0 0

/ 0/ = 0 0 0 /1

= 0 @ 0 01 . 2/ .

7 / 0 0/ = C

@ 00 < =) 0 B 0 + & C 1=

1 0 0 @0 1 0 8 @ . /

2/ 0 1 .0 0 0/ = / .

34 @ 2/ 0 8 1 4 0 @ 00 @ 0

0 C . . & 1 = @ 0

@ & . - A ' .

= 04 @ 00 = 0 00 < =

8 @ @ + . 0 & 18 . 4 - B / 4 -

(/ /8 & . @ / 1 A 0

= @ 0 @ @ 0 C . 0 @

A . 8 @ . . .

2/ 2/ 0 0 @ 0 00 @

1 A C =

/ 0 / 0/ = 0 @ 00

= 1) - 1/ #

. / @ 0 / & . - A

0 = # . # @ 0 0 /

' . = 04 @ 00 /

= 0 @ = 1 1 /

01 0 @ 0) - 1/ # / # .

0 / 0/ 0 2/ 0 0/ = 0

= # . # @ 0 0 .

1 / = 1 0 @ .) - 1/

0 / 0/ = @ 00 =

0 0 = 1 / 2/ .

@ / @ # . # @

. C . 0 0 @ @

0/ = . /0 1 A ' . = 04

0 = # # 8 0 =

0 =1 / 1/ 1 0 0 @ 0 1 0 1 0 @

0 @ 2/ / 0 0/ = 0

= 00 0 0 @ @ 00 1 0

8 @ . / 2/ 0 1 .0 /

2/ 2/ 0 0 < 0

2/ 0 ' . = 04 0 C 0

0 0/ 0 2/ = 0

@ 8 @ . C 0

> / 0 / 0/ = 2/ .

< =) - / . # = 8 B A 8

0/11 @ 4 / 0 C 0 0/ 0 = 0 =

0 0 0/ =) B A 8 @ 0 @ 8 .

& . - A @ 2/ 0 8 1

3 ' . = 04 = 0 00

< = C @ 1 00

, ' 2/ 0 ! 04 4 ./ @ 00 @

0 8 @ . @ 0 C 0/11

00 @ / 0 / 0/ =

) B A 8 = C 01 0

3 ' . = 04 2/ 0

. / @ =1 1 A = 0

4 0 ./ @ 0 1 00 =

00 00 . / 4 2/ 2/

0 C 0 . 0 @ 0 2/ 0

0 = 0/ = .

= 0 0/ = 0/ C 0 C 0

C C / / 0 0 0/ =)

B A 8 = 0 00 < = = 1

1 / 01 0 @ 0 = 1 .

. 0/ = . & . - A

' . = 04 = 1 / 0 # .

C 1 / # & C 1= =

1 = @ 0 0 0/ = 0/

= 1 0 1 0 / 1 0 < 0 .

2/ 0 4 4 0

/= . = 8 C / 2/ 0

/ 0 / 0/ = C = 00 0 . C

) B A 8 0 00 < = 0/11 0

= 0 0 @ = 1 0 # . #

) - 1/ # ' . = 04 0

= 00 0 = @ 8 0 2/ .

= 8 = 1 / . C 0

? / 0 0 0/ = = 1

1 / 2/ . 0 =

0 0 0 . . 0 0 0 1 /

1 / 01 0 = 0 0 @ (

+ . - B / 0 77 8 = 0 @ C 4 .

@ 1 00 , ' 2/ 0 ! 0 4

0 @ (+ . - B / 0 0 @ 0

8 = 0 0 0/ = 0 0 0

0 /0 / . . 00 /1

01 0 ' . = 04 0 = 1 0

1 0 # . # 0 / 2/ 0

.) - 1/ # < 0 . C = 4

0 /= 0 0 C C C /

/1 @ = . = 8 C / 2/

0

3 / 0 11 . = 0 0/ =

= 0 C 1 / 0 C =1 0 0

/ . + . 0 '1 4 .

./ . 0 0/ = 0 C C . 0 @ 0

0 0 0 @ 0 /1 , ' 2/ 0

! @ = . =1 0 ' .

= 04 0 0 0 A . C 1

0 =1 / 0 0/ =

2/ . 0 01 . 0

0 0 C @ 00 < = 2/ .

0 01/ == /1 . / 00

=1 0 0 0 0 4 .

= 04 0 0 C = / . 0 C

/ C C / # 0 1 /1 0 ,

' 2/ 0 !) # C / ! +0 + 0 4

)' " 73 F 9 : 7 >7 4

/ . 0 0 0 0 /1

= . = 8 C /

E / 0 0/ = @ .

2/ 0 . + . & 18 . 4 (

0 / 0 . 0 0 0 1 /

0 0 0/ = < = . 0 0 04

(/ 0 0 0 < 0 74 3

@ = 0 11 1 =1 0 0

' . = 04 (

. 0 @ C 1 /1

00/ + . & 18 . ?) 7

@ @ 8 . / = 8 C /

/ 0 / 0/ = = 0

C 0 /1 A/ .= 0 . + . 0

& 18 . & . ' . = 04 0 @

0 A/ .= 0 . 2/ 0 0 C C .

=1 0 /1 @ = . = 8

C / 0/ 0 2/ 2/ 0 04 1 C 0 0 =

0 / 0 0/ = . C . 0 /1

! 3 C C 1 0

2/ 0 4 =1 0 = + . & 18 .

= 0 / #0 74 74 E 1 4 @ 0

=1 0 = + . & . = 0 /

#0 747?4E 3 1 ' . = 04 C .

0 @ =1 0 @ 80 / / #0 74 >4

1 4 4 =1 0 1 0 0

00 0 ./

7 / 0 0/ = # /

/. C 1 . 0 =1 0

0 @ = . = 8 C / ' .

= 04 /1 = / 0 0 0 @

0 C =1 0 0 0 C 4 . 0

0 0 / = 1 / 00 0 0 0

@ @ . 1 0 0 0/ =

1 0 0 0 0/ 0 /

1 @ 0 0 0 4 4

0 @ @ @ ' . = 04

0/ /=0 0 . 0 =1 0 0 0 /

C 1

7 / 0 0/ = 0 0

. # . 0 >E + . . 4 .

C / / #0 47 4 3 1 4 0 . 0

=1 0 0 / C 8 0

0 0 = . = 8 C / ' .

= 04 /. A/ .= . + . & 18 .

0 /00 . 1 1 . 0

0 0 0 / 1 4 (/ =

1 11 8 . =1 0 0 0

@ 1 / . = 0 0/ = 0

1 0 0 4 1 1 @ /1 = /

2/ . 1 . 0 0 0

0 C 0 11

7 0/11 0 0/ = 00 4 0 1 /1

0 0 H /1 = /) @ B @ A

/0 4 $ 8 ! 0 +0 -/ A ! 0 4 '#

9 C : F)' " 7 *4) + A 80 = == #*

(/ +0) 0 4)' " 7 ?7 *4*

-/ A ! 0 +0 0 # A 9& : , 0 .

! 0 4)' " E7 *4 ' A) / & 00 +0*

! 0 4)' " >? *4*) ! 0 +0

) 0 ! 0 *4* > 9>: (# 9 : EF

)' " E > ' . = 04 0 0 0

0 0 @ = . =1 0

=1/ 0 2/ 0 0 04 . 0 . / =1 0

0 0 / 1 / 00 01

0 0 1 . =

77 / 0 0 /1 1 . 1 0 ?

A/ .= ($ 0 '11 >

0 . = + . & 18 . 0 0/ =

(0 # / 0 /

= / C . 0 0 0 @ /

< = . C / =1 ' .

= 04 / =/0 0 0 0 0 0

@ =1 @ . 0 4 = 2/

! 4 0 =1 0 0 0

@ 0 = . 4 1 1 C . . 11

! @ 0 4 . 0 =1 0 0 0 /

. C = = 8 C /

/ 0 / 0/ = 1 . 1 0 A/ .=

0 0 1 1 0 0 =1/ 0

2/ 0 0 0 1 @ 0

0 C . /0 1 0 4 4 . 0

=1 < =1 0 C 0 1

7 / 0 0 1 . 1

A/ .= $ 0 '11 > 0 0/ =

/. (/ = = =1 0

+ . & 18 . #0 4 >4 1 = 8 .

/ 0 / = /0 0 0/ 0 0

) - 1/ . @ = 04 0

0 + . & 18 . @ 1 A

0 0 / 0 / 8 # C 4 @ /

/ C 2/ / @ 0

C 1= . 0 0 2/ 0 0 @ 0

0/ = . / 1 A ' . = 04 0

0 C 0 2/ 0/11 0 + . - B / 0

0 1 00 00 0 = 1 0 0 0

7> , 0 4 / 0 0/ = . 0

=1 0 0 0 1 / = 0 8

0 0/ 0 0 . /1

/ , ' 2/ 0 ' 4

C . = 8 C / @ 80 / / #0 >4774 1

' . = 04 0 @ . C .

=1/ 0 2/ 0 2/ 0 / @ A/0

=1 0 0 = 0 =1

C C 4 =1 0 0 C 0

0 0 0 0 0 0

7? / 0 11 . = 0 0/ =

=1 0 0 0 1 /

1 = E 74 @ 0

/ , ' 2/ 0 ' 1 0 0 @ 0

1/ 0 ! 3 ' . = 04

0 = 4 0 0 0

8 1 2/ 4 4 0

0 0 @ C 0 0/ = @ = .

= 8 C / 0 4

11 1 0 0 2/ .

0 0 0 0 0 . = C

C /

73 / 0 0/ = C ,
' 2/ 0 ! 1 0
@ C 1 @ = . = 8 C /
2/ 0 ' . = 04 0 0 0 @0
2/ . / 1 1 1 1 0
. / / 0 = 0 @ 1 00 . =
0/ 0 0 2/ @ =1 0 0 0
1

7E / 0 / 0/ = 1
. . @ C 1 0 0 0 0 @
0 = , ' 2/ 0 ' /
79 ': 0 0/ = . 0 C
1 C . 0/ 0 0 =1 0 0 1 0
/ . C 1 = ' . = 04 @
0 0 0 /1 0 =1 0 04
0 = 0 0 . 0 = 8 C /
0 1 C . 1 1/
/

7 / 0 0/ = # /
== /0 . . 0
@ C 1 1 /= 0 ./ @ #
/ 1 =1 0 = A/ .=
. + . & 18 . 0 0 0 . 1 0
04 1 0 = = @ .
/ / . = 8 C / ' . = 04
/ /1 A/ .= .
+ . & 18 . 4 /. C . 0 =

0 @ 11 . / @

= . =1 0 0 0 / 0/ =

/ 0 C 1

@ & 18 . A/ .= / . 0 .

1 C . ' . = 04 0/

0 C 0 1 = 00 /0 =

C / 1 . / 0 / C @

A/ .= 0 @ 0 0 ./ . 1

/ 0 0 0/ = C

0 0 0/ 0 0 1 0 / .

C 1 ' . = 04

@ @ 0 . 0 =1 0 0 0

0 0 11 = 8 C / 0

0/ = C = 0 0/11 0 .

0 @ C 1 0 4 .

= 04 C . 0 / C A/0

0 0 0/11 0 0/ = 00 04 0 1

/1 0 1 *(@ 0 . C0* 4

9 : 3 F 9 : 9 C : >3 4 @

0 @ C 1 @ 0 1 4 0 0 /1

0 *A - / . B = 0 +0 1*

, '2/ 0 ! 4 9 /11 : ,' E

/ 0 / /1 1 . 1 7>

A/ .= ($ 0 '11 >

0 . / + . & 18 . 0 0/ =

(01 0 C < 1 0

0 4 =1 0 0 @ 1

/ . 0

@ C 1 1 /= ' . = 04

(0 0/ 0

. 1 @ 0 0/11

= C

/ 0 1 . 1 0 > ?

=1/. A/ .= 0 0/ = #

/ 0 0 01 0 @ @ .

1 =1 0 @ + . & 18 . /

@ / . . 0 4 @ 0 = 0 01

= 0 @ C 1 ' .

= 04 # / 1

1 0 0 @ 0 00/ / / 0

. + . & 18 . 0 1

@ / / 0 = 8 C / / . 0

C . 1 @ C 4 / 0 0/ =

01 . 0 .04 # / 0

0 0 < 1 1 /= . /

@ 0 C 0 @ . == C 1=

' . = 04 0 11 0 .

/0 . 0 0 1 /1 1 C .

2/ 0 == 1 0 0/ =

0 0 . / = 0

= 8 C / C 1 = 4 1 / @

=1 0 0 0 /1 4 .

= 04 # / /. C .

0 @ C 1 1 /= 0

0 . 0 < 1

7 / 0 11 . = 0 0/ =
0 0 0 /1 = 0 =
. / . C . 0 @ 0 / C 0 0
= 2/ 0 0 0/ = C
= 0 0 @0 + . . 0 / 7 8 = 0 =
+ . - B / 4 + . ./ . 0 / 8 =
@ + . '1 0 / 8 = 0 @ 0 /
0/ =) - 1/ # 0 A + .
- B / + . & . 0 0 / ' .
= 04 0 C . 0 0 / @ /0
/ @ 8 = 0 4 4 0 0 0
= 0 C . 0 0 / 1 1 =1 0
0 0 = . = 8 C / 2/ 0

/ 0 0/ = / 0 C 1
0 0 0 . 0 0 / 0/ 0 0 @
0 1 00 00 0 = 0 0 2/ # 0
1 /1 0 1 *) 0 C0*
′ / ′ / 6 4 9 :) , % E74 @
=1 0 0 0 0 / 0 / @
8 = 0 @ 1 0 1 1 C
= = 8 C / /0 0 @ /
1 00 00 0 = 0 0 1

> / 0 / 0/ = / 0
2/ @ . /1 0 0 0 1 /
= 0 /0 2/ 0 0 C

0 0 0 = C = 01 ' .

= 04 0 A . / / 0 0 =

2/ = C 1 1 0 0 0/ =

C , ' 2/ 0 ! 4 @ 1 00 . @ 4

0 + . - B / A . C . 0 0

=1 2/ 0 0 1 / C

2/ . 0 0 @0 @ 0 0/ 0

/ 2/ 0 0 / 0

C . 0 4 . = 04 0

A/0 = 8 . / . /

2/ C 1=

? / 0 0/ = 1/ 1 0

2/ 0 0 0 =1 /=0 @ 0 .

/ 0 ' . = 04 0 1 0

0 @ 2/ 0/ = . /

& . - A 0 @ C

C 1 0 4 == /0 1 / 1 0 4

<1 / @ 0 04 . 4 C = 0

C 1= @ 80 @ 0 2/ 0 0/ =

/0/ / 0 11 0 0 2/ 0

C 1= 1 A 0 C 11 1 0 0 0

/ 0/ = 0 0 0 /1

= 0 0 . / / A 0 0 = /

2/ ' . = 04 0 =1

0 = @ 2/ 0 0 C

0 0 4 0 0 / C /

=1 0 0 0 = 8 . / 0

C 1= 0

3 / 0 0 0/ =

/ = /0 0 0 0

=1 C 0= 1 0 0 0/ =

C / .0 2/ = = 0 =0 C 0

0= < 4 0 I 0 0 0 0 =1

@ 0 I C / 2/ .0 0/ 0

/ 0 /

E 0/11 0 0/ = 00 4 0 1 /1

1 . 1 0 ? 4 3 4 3 3 A/ .=

($ 0 '11 > 0 . = + .

& 18 . 0 0/ = (0

01 =1 0 0 / = @

C / 2/ .0 @ 2/

/ 1 A ' . = 04

(/ = 0 C / . 0

2/ 0 0 0 @ @ @

=1 @ 0 0 0 /1 /

4 @ 0 0/ 0 0 0 /

A = /0 0= 0

/ 0 / 0/ = (0 0

0 C / 0 / C 1= .

11 @ / C 1 0 2/ 0 4

== 0 / 1 A 0 2/ . <1 / 0

C = 0 ' . = 04 1 0

2/ 0 0 0 . /0

0 @ 2/ 0/ = . = @ 0

0 2/ 4 C 1= C 0 @ =1

2/ 0 0/ = (0

C) 0 B 0 +

& C 1= 1 & . & = 0

= 2/ 1 A @ 0 8 =

C . 0 / 0 0/ = 1 . 1 3

A/ .= / <1 0 / 0 1 /1

0 0 <1 / 2 /

C 1= 2/ 0 @ C 0= C 1

1 0 =1 @ . / C 1 0 ' .

= 04 0 0 / 0 < 0 0 1 0 0

0 0 0/ = 1 . 1 3 0 A/ .= 4

(/ = /. = / 0

= 1 = 00 1 . /1 0 0 4

=1 0 0 0 0 = /0

0= 0 ' . = 04

(0 @ 0 11

@ 2/ < =1 0

2/ 0 2/ 0 @ 0 0/ = .

/ = 1 A C 1= C

= 0 0/ = 0 = 0 . 02/ 11 0

1 0 2/ 0

/ 0 / /1 0 0

' A) / & 00 +0 ! 0 4 9 : 7 3 4

 # 0 - . ! 0 +0) / & C 1= '/

! 0 4 9 ?: 7 > 4 # C / & C 0 ! /= , ' ! +0

'I = ! 0 4 9 : 7 > + / % A

9&: , 0 +0 /A 4 9 >: 3E 0

0/ = 0 0 0 . 0 / 0 @ 0

C 1= @ @ 2/ 0

< =1 0 0 = / @ 2/ 0 0

C 1= 1/ 1 0 0 0 0 0/ =

A/ .= 0 . 0 0= 0 0 0 A

= /0 0 I =1 C 0

C ' . = 04 C 0 / 0

1 0 = A/0 = 0 2/ /0 < =1

0 0 . @ 4 0/ A/0 = 0 /

= = 4 0 0 + . - B / 4 & 18 . 4

. 4 ./ . '1 0 / 0 = C

0 1 00 00 0/ 0 0 = 1 0 / 0

. / / 2/

> / 0 11 . = 0 0/ =

11 0 / E ,

' 2/ 0 ' C @ @ 1 0 1

= 0 0/ = 01 0 C

1 / 0 0 = 0 0 0

@ = ' . = 04 /.

/ 1 C . 2/ =1 0 0 /1

= 04 01 0 0 A . .

= 4 2/ 0 0 / 0 0 0/

A 1 / . 00 C

/ 0 0/ = 11 0 / E @

%/ ' . = 04 /.

01 0 C 0 / 9 :

' . 00/ 7 %/ 4 /= C

0 @ . / 0 C 0/ 0 /1 = 0 0

1 / / 0 0/ = 01 0

/1 1 0/ = , ' 2/ 0

! /1 8 @ .= 1 0 C

> / 0 / 0/ = C

01 0H 0 . . 0 C 7 %/ 0

1 0 8 ./= 4 11 0

%/ 0 @ 1 0 < @ 80 1 0

/ ' 0 0/ = C @

= 4 0 0 =

0 / 0/ = 1 @ @ 0 C 0/11

= 0 . @ . / 9 :

' . = 04 = 8 @ . @ 0

1 00 0 0/ == = = 0

0/ = C ==/ 00 0

@ 0/11 1 @ 0 00

= . / . 0 @ 0

/ 0 /1 1 . 1 E A/ .=

($ 0 '11 > 0 . =

+ . & 18 . 0 0/ = (0

0 C 1 C . 00/ 0 C

0 / 9 :4 A . . =

1 0 / 0 C

= 0 0 . / 4 / 0 0 / 1

1 , ' 2/ 0 ! 4 @

1 00 00 C 04 0 0 1 1 0 C

' . = 04 / 01 0

1 / 0 C C @ 0 C 0

. 0 =

> / 0 0 /1 1 . 1 0 7 3

0 = A/ .= 0 0/ = (4

0 . 0 /1 = / - =A

/4 ' # ? 4 A .

. / = 4 =/0 0 0 1

@ 0 0 C . @ 00/ /

9 : # 0 0 1 /1 0

) 0 +0 + 0 @ 0 + = 4 > 9>:) ,% 7 4 @

0 @ = @ 0 1 0

1 0 = = 8 . @ 4 = @ /

== 0/11 1 @

>7 / 0 / 0/ = A/ .= 0

/1 = / *# A 0 # A . +0 & 1/*

, ' 2/ 0 ! 4 ' # ? > *4 -/ A*

+0)0 G 0 % (./=4 ' # ?7 ?

<1 00 J @ J / . E

1 = = ' .

= 04 = . 0 @ 1 0

2/ 0 / 0 / C 8 @ . 00 0

@ 4 / 00 01 0 1 C 1 1

==/ @ @ @4 A

. . = 0 C 0 A

> / 0 0/ = 0 0 /1

01 0 (@

0 ./ 0 0 /0 0 0 0 @ 0 1

0 C 0 / 9 :4 @ 0 0/

C 0 C 1 0 = ' .

= 04 . 1 1 0 @ - =A /

0/ 0 2/ 0 0 0/11 = 1 0

0

>> / 0 / 0/ = C

/ 0 A A . . =

' 0 C 1 . 1 > =1/. A/ . = 4

@ # / 0 00/= .

/ 9 : @ 0 0 C 7 %/ 4

11 0 %/ @ 0 @ 0 < @ 8 0 =

0 C 4 4 @ @ @ =

' . = 04 0 . 0

>? / 0 < 0/ = 0 /

/ = = 0 = 8 C / .

= / = 11 04 = 0 0 /

1 = 1 2/ 0 / 0 C

=1 0 . 0 0/ = =

= 8 C / 0 0 / / / /

7 , ' 2/ 0 ' = 0 0 /

1 C @ / =1 0 = /0

= / . = @ 0 @ # 0 1 /1

0 /1 = / *(= 0 +0 1 ,*

' 2/ 0 ! 04 9 E: 3 3

>3 / 0 0 0/ = = 8

C / 0 4 = 0 @ / 0

0 2/ 0 / 0 C / ,

' 2/ 0 ' ' . = 04

0 /= / 79 :4 = / /

79 ': = @

0 / E =1 0 0

1 C / '

>E ! 0 0 0 0 0 /1

= 04 A/ .= 0 . + . 0 & 18 .

& . 0 = =4

/ 0 0/ = = 0

=1 0 #0 47 4 3 1 .

@ 0 / 0 / , ' 2/ 0 '

>) ' # - ' C = -

11 .) / 0

11 . 2/ . 0/11 A/ .=

/ < .

=1 0 = = 0 0 0/ =

= 0 C 0 0 0 + . -

9B / : 1 00 00 0 = 4 1 = 8 C / 0

0 2/ = + . & 18 . . / .

C . 0 ' C = - C

C = 0 0/ =

= 0 =0 C 0 C = # C 0 @

+ . - 9B / :) - 1/ #

' . 01 04 < 0 C @

2/ 0 = 0 0 C . .

00 = 8 C / 0 0/ = #

/ 0 . C / @ . 0 =1 /=0

@ = . =1 0 0 / 0/ =

00 < = 4 = 0 = 0

0 = @ + . 0 - 9B / : - 9(/ /8:

+ . & 18 . 0 0 / @ 0 0 0

+ . - 9B / : ' . 01 04 0

. . 1 / 0 2/ 0

0 0 0 / C . 0 =

/0

? ' C = - /

/1 C) - / . # = 8 B A 8 4 /

& C 0 .) 0 B 0 +

& C 1= 1 0 0/ =) B A 8

@ 8 . & . - A = @

0 @ 0 = @ ' .

01 04 1 0 1 A 0 / E

8 = 0 = (4 C . 0 0

C . 04 = & 1/ < / C

. -/ 6 80 & 1 = 0 0/ =

1 /) B A 8 0 @0 0

@ (+ . - 9B / : 0 / 77 8 = 0

0 @ (+ . - 9(/ /8 : 0

/ 7? 8 = 0 / 0 @0 0

@ (+ . & 18 . 0 / > 8 = 0

' . 01 04 0 = 0 0 + .

& 18 . 0 0/ 0 0 (+ . -

9B / :4 0 0 0 C /=0

@ 00 00 . = 8 C /

? ' C = - /

0/ =) B A 8 0 0 + . 0 -

9B / : - 9(/ /8: 0 / @ 0 ' .

01 04 0 0 /=0 .

1 C / 2/ 0 0 0/ =

= 0 C . 0 1 @ 00H0

C 00 < = ' . 01 04

< 1 1/ . 2/ 0 0 . . # . #

4 @ 0 0 /0 . C .

0 C . 0 = (1 . 1

/ 0 4 0 0/ = 0 1 C

= 0/ 0 / C

? 0/11 0 0/ = 00 04 0 1 /1

0 /1 = / *B @ . 0 +0*

″ 4 9 E: E 7? 0 0/ =

/1 = / 0 0 0 / C . 0

/ = 0 =1 /0

C . = C 4 0/ / .0 C 1=

1 ' . 01 04 / 0 /1

= 0 0 0 0 C . 0 1 00 00

0 = C . 0 1 . /1 0 0 0

= 0 C . 0

?7 ' C = - 0 /1

0 /1 = / - # = # 0 +0

, ' 2/ 0 ! 4 04 9 >:

7 > 0 0/ = /1 = / 0

2/ 0 = 0 / 0 2/ 1 C

0 = = @ 00 = /0 0

01 . 00 < = ' .

01 04 / 0 2/ < = C

0 0 0/ / . /=0 04 1 0

/= / 1 . 0 0/ = 1/

= @ = /0 C

= 0 = / . ! 0 04 01 0

.0 A/ .= .

+ . & 18 . / = < 1 0

2/ 0

? / 0 11 . 2/ . /

0/ = C 0 0 0 /1 A/ .=

. + . & 18 . 0/11 =

/ /0 0 = 8 C / 0 0/ = 0

0 3 %/ E . 1 ./ 4

@ 0 0 0 ? 1 = .

. @ = 4 .

01 04 0 0 0 = + . . 0

0 @ C 0 0 0/ = 0 = 0 0

< / . + . & 18 .

@ 0 0 0 4

. 01 04 0 0 0 =0 C 0

0 0 0 0 0 = 8 C /

?> / 0 2/ . 0/ =

. + . & 18 . @ 0 00/

74 @ 0 1 0 0 @ 0 00/

3 ' . 01 04 =

/0 0 . 1 / 04 = 0

/ = 0 @ C 1

0 0/ = 0 . @

0 C 0 @ . / 0 = 8 C /

/ . C 1

?? 0/11 0 4 0 1 /1

A/ .= /1 = / , *' 2/ 0 ! +0 (*

+ A # 04 9 : ?? 0 0/ =

0 0 0 C 0 @ . 0

= 8 C / 4 /1 = / . 0

' . 01 04 0 = 1 1 0 / 11

1 0 0 = @ C 1

0 0 C 0 A

?3 1 4) - 0 / 0 11 .

= 0 0/ = . 0

/1 01 0 0 1 C @

@ /0 @ 1 1 /=

@ 0 C < = / ' . = 04

0 < = / /= 4

0 C = .

0 @ C . 0 0 / 0/ =

= 0 /1 01 0

@ 0 00/ 4 @ 0 2/ 0 8 1

3 C . 0 . /

0/ = . ' . = 04 0 0

= 00 0

= . = 8 C / 0 < 0

2/ 0 / 0 = 0 0 0/ =

0 = (0 0 C

= . = 8 C / ' . = 04

, ' 2/ 0 ! (

& 18 . 0 /1 0 0 0 = + . 0

. 4 ./ . '1 @ = . =1 0

0 0/ = , ' 2/ 0 ! =0

+ . & 18 . 0 0 / + . 0 - 9B / :

- 9(/ /8: = 0 / 0/ =

(0 1 0

@ C 1 @ = . =1 0 + .

& 18 . C , ' 2/ 0 ! 1

0 = 0 @ 4 .

= 04 0 = 1 1 0 C 0 11

1 0 0 0

' ! ' &' ',* F

?E 1 0 . /1 11 0 0 / ==

2/ 0 . / / 0 0 / + . - 9B / :4

/8 (4 & 0 -/ 4 1/ 1/ 1 0

& . - A 0 0 0 = 0 =

00/ / , ' 2/ 0 ' 4

E 4 C 1 04 00/ 0 C C

C 0/ = 00 0 == 4 0 11 0 .

0 == A/ .= /. , #

7 7 0 0 = C 4

.0 0 . C 11 0 0 4

< 11 0

? 0 01/ @ 1 0

/ ' @ 0 1/ 0 ! 3

@ = 3) 0

0 01/ , ' 2/ 0 ! C

A 0 / . /10 @ =1 0 . .

= #0 4 #0 ?4 1 1 . /1

00 = = = 0 @ 0 0 @

0 =1 0 0 . = 1 0

= 8 C / 1 C . 4

0 /. 0 / E ' = .

=1 0 #0 74?E4 1

/ 4 11 . = 1 4

1 =1 0 = 0

= @ 0 2/ 0 @ 0

2/ . = 0 @ 0 < 00 C 4

0 0 C 1 0 11 0 0 /

3 1 1 C 0 @ 1 0 0 . .

= = 8 C / 2/ 0 0

1/ / '

' . = 04 # / /. C

@ = 8 C / = A/ .= 0

. + . 0 & 8 . & . .

/ 0 K ! 4

C = 2/ . + . -

9B / : 0 =1 @ 0 C . 0

/0 . . 1 / 0 ' . =4

/ 0 . 0/ =1 0

/ = 0

3 (< = . 0 C 0/ = 00 04 0 00

8 1 = 0 1 1 0 . C . /

E , ' 2/ 0 ' ' 1 . /

E 0 . 1 . / / 0

0 11 C @ 1 00 , ' 2/ 0 !

4 / 0 2/ / @ @

0 . @ . 0 11 / @ / 0 / 0

= = 8 C / 0 0 C /.

@ = , ' 2/ 0 ! 0

= @ 4

C . . . = 8 C / =/0 0 /1 C

1 / # / = /1

0 0 , ' 2/ 0 ! 0 @

3 / 0 /1 = 0 0 0

=1 0 @ , ' 2/ 0 ! 0

2/ 0 1 0 / = 8 C /

2/ 0 " 00 0/ = 0 /. 4

= . @ C 4 0/ = 0

1 / 0 @ . @ 0 = 8

C / 4 C C =

2/ . 0 C 0 0 / < =

0 C 4 @ 11 .

= C 4 = 0 00 < =

/= 0 C /1 = 0

/ 0 /= 0 1 / 01 0 / .

/ 0

37 = 0 C /1 . 0 C

0/11 = = $ 0 4 < =

= . C / < =

< 7 @ 0 0/ A 00

< = 4 1 / 1 0 0 0

. A . C . 0 = ./ . 4 . 4 '1

B @ C @ 0 0 = 8 C / 4

1 /1 A/ .= 0 C

2/ 0 0 . + . 0 & 8 . & .

(0 0 0 /= 04 0 1 / C . 0

/ . 3 < 0 0 0 @ /

2/ 0 ' . = 04

0 /= 04 @ . 4 0 0

=1 0 @ , ' 2/ 0 ! @ 0

2/

3 01 0 < =) - / . # = 8

B A 8 2/ . 0 1 /

= 1 . @ 01 0 .

4 1 . 1 0 @ C . 0

1 1 . 0 = 0 0) B A 8

1 0 8 @ . / 2/ 0 1 .0

@ 8 1 3 0 C

0 / C =/ @ . 01 04 @ C 4

/. @ 0 1 0 @

2/ 0 1 .04 0 C 1

/ 04 C . 0 0/ / . 1 . 1 0 0

/1 0 0 @ 0 0 <1 @ 0 C .

& . - A 4 . =4 0

0 = . = /0 @ 0 0 C .

1 A C 1 =

3> 6 11 . C 4 0 00

0 ./ 0 @ 0 @ @ 1 0 8 @ .

@ 00 0 01 8 0 0 0

0 2/ 0 1 .0 3 4)

B A 8 = @ 0 0 C .

1 A / . 1 = 1 0

1 1 2/ 0 1 .0 / = 00 0

/ C C / 0 0 = . . /

2/ 0 0 < 0

2/ 0 /0 11 / 0 0 0 '

0 = = 4 = /0 @ 0 0 C . 1 A

34 0 C @ @ @ 00

1 0 0 . . 04 < 0 . = 10 . . 1

/ 0 @ / < 0 0/ C @ 0

11 0 4 / A 0 =

/0 8 1 0 8 @ . . . 2/ 0

1 .0 4 0 C 0 C 0 1 1 11

0 =1 A

3? , 8 @ 0 4 C = 0

1 = /0 0 = = = /

0 8 00 < = = 0 0

@ 00 /0 0 80 . =1 0 0 2/

' 0 = = 4 0 0 0 C .

1 00 00 0 1 0 8 @ . . .

. / . C . 04 / 2/ 04 10

/ C . . 1 / 0 4 0 C

0 = . / 0 0

1 0 / 0 = 0 0 .

/= C 1 0 0 . =

2/ 0 = 0 / =/0 / C /

C /0 =1 0 0 1 = 1/ / 0 '

0 = = 4 . / 0 0 0 0 / A/0

=1 0 = /0 11 0

@ 00 0 /04 C 0 0 0 11

@ 2/ /

33 C = 0 @0 0 0

0 0 / + . - 9B / :4 ./ . 4

. 4 '1 B 0 = 2/ 0 0 0

) - 1/ # @ 0 0 / A

0 1 # C + . & 8 . 0 @ 0

+ . & . A . C . 0 0 / <1

1 0 0 0 1 C /0 A/ .= 0 @

1 / /0 0 0 0 = + . - 9B / :

@ C 0 0 = /

0 = 0 0 = 0 C 0/11 =

@ @ , ' 2/ 0 ! 0 0

0 0 = A . C . 0 @ 2/ 0

/0 0 0 0 = 2/ C . @

C /04 0 = = 0 0 =

0/11 = /= =

3E 00 < = = 00/= 0 =1

/0 . C 0 11 / 0 / / 00 0

00 0 11 0 /. 0/.. 0 0 @ 1/ =

/ . 00 < = 4 0 C . . < 0

C 4 A . + . & 8 .

0 = 2/ . / . 0 /

= 0 8 = = @ 0

0 = @ - 9B / : - 9(/ /8:

C @ 0 @ . 0 C . @ C 4

= 2/ 0 + . & 8 . 4 0

0 C . @ 0 0 = 0 C . 0 = /

0/ = . 4 0 00 0 2/

11 . @ C C

3 0/ = 00 C 01 0

= = < 0 # C

=1 @ + . & 8 . = 0 4

1) < 0 C 0 @ 0 1 0 C

@ 0 . C . = 8 C /

/ 0/ . . 1 / 1 0 /1 0 C

0/ / . /=0 0 8 C 11 04

< 0 . 4 01 04 0 @

C . 0 /0 0 4 < 0 # C

0 C /=0 @ 0 C 0 0 4

/ 0 = /0 C . @

0 =1

E < 01 0 C C /

A/ .= 0 . + . 0 & 8 . & . 0 /

1 C /0 A/ .= = . = 8 C / 0

= /0 C C C 0/ 0 2/ 2/ 0

C 2/ 0 0 0 @ 0

C @ C 4 @ A/ .= 0

2/ 0 . / . 04 0 . =

0 . =1 /=0 04 0/

A/ .= 1 00 00 0 1 0/ 0 C C / C

0/ 0 2/ 0 0 0 0 0 = 4 2/ 4

1 0/ / . /=0 04 0 .

1 . /1 0/ = = 8 .

A/0 = 0 @ C 2/ 0 0

E 1 0 = 4 0 0 C /1

A/ .= C (. + .

& 8 . = 0 /1 0 A/ .=

= . = 8 C / 0 = . 0

01 0 /1 0 = A/ .= @ .

/ 0 0 ./ 0 . / 0 0 /

11 1 0 2/ 0 4 0 01/ 0

C A/ .= 01/ @ = 0

. . < @ /0 0

A/ .= 11 2/ 0 C C 1 0

11 0

E 0 0 1 / = 0 2/ /

0 /0 0 / C = .

= 8 C / 0 01/ 0 0 0 0

+ . 0 ./ . 4 . 4 '1 B)

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Deoghar provide guidance because of the proximity of time, place and purpose of acquisition. However, neither the highest sale instance nor the average of every sale transaction can be adopted mechanically. The final market value has to emerge after considering the comparable exemplars, the features of the acquired lands, deductions, the findings recorded in the earlier judgments and the question whether annual escalation at the rate claimed by the claimants has been established on the basis of the evidence available on record. That issue now requires detailed consideration.

119. Having considered the entire evidence available on record, now the only issue which survives for consideration is whether the Reference Court was justified in granting escalation at the rate of 6% per annum over the market value of Rs.2,05,000/- per hectare determined by the Coordinate Bench in respect of Village Dabkeghar, or whether the claimants have been able to establish that they are entitled to escalation at the rate of 12% per annum till the notification under Section 4 dated 9 October 1997. In my opinion, this issue goes to the root of the present group of appeals because every other controversy has been answered either by the evidence on record or by the findings recorded by the Reference Court. The Reference Court has accepted that Village Parhar (Khurd) and Village Dabkeghar are comparable villages and has adopted the market value determined for Village Dabkeghar as the base rate. Once such finding is accepted, the basic market value is no longer in dispute. Therefore, the dispute between the parties is confined to the extent of annual appreciation which should be

granted so as to arrive at the correct market value on the date of acquisition. Thus, the answer to this issue will decide whether the compensation awarded by the Reference Court represents market value or whether enhancement is necessary.

120. The impugned judgment records that the respondents had accepted before the Reference Court that the rate determined for Village Dabkeghar could be applied to the acquired lands of Village Parhar (Khurd), though they opposed grant of escalation over the said rate. This circumstance has importance because it shows that according to the respondents, the market value determined for Village Dabkeghar could be taken as the starting point for determining compensation in the present acquisition. Thus, the comparability of the two villages was not under dispute before the Reference Court. In fact, paragraphs 37, 40 and 43 of the impugned judgment record findings that Village Dabkeghar and Village Parhar (Khurd) share a common boundary, that the quality of lands in both villages is similar and that there is no evidence on record to show that the acquired lands of Village Parhar (Khurd) were either superior or inferior to the lands acquired from Village Dabkeghar. These findings are based upon appreciation of the evidence produced before the Reference Court. No material has been pointed out before this Court to show that these findings are contrary to the record. The respondents have not been able to assail these findings by producing any evidence. Therefore, once the base market value of Rs.2,05,000/- per hectare determined for Village Dabkeghar is accepted, the controversy becomes confined only to the question of annual appreciation till the notification

under Section 4 issued.

121. The Reference Court has declined to grant escalation at the rate of 12% per annum on the ground that the claimants failed to establish surrounding circumstances showing increase in market value at such rate and also because the acquired lands were not commercial lands. Proceeding on such reasoning, the Reference Court granted escalation only at the rate of 6% per annum for the period between the notification issued for Village Dabkeghar in the year 1993 and the notification issued in the present case in the year 1997 and determined the market value at Rs.2,54,000/- per hectare. Thus, though the Reference Court accepted that there must be increase in market value because of the time gap of more than four years, it considered that increase at the rate of 6% per annum was sufficient. In other words, the principle regarding increase in value was accepted, but the extent of such increase was reduced.

122. In my considered opinion the reasoning adopted by the Reference Court on this aspect cannot be accepted. The reasons assigned for restricting the annual escalation to only 6% per annum do not appear to be supported by the material available on record. Some circumstances, which have bearing upon the issue of escalation, have either not been considered or have not received adequate weight. Therefore, this finding deserves closer scrutin.

123. Firstly, the question of annual escalation cannot be examined only from the angle whether the acquired lands possess commercial potential. In my opinion, such approach does not

reflect the realities governing increase in land prices. Increase in market value is not confined only to commercial lands. Agricultural lands also appreciate with passage of time depending upon prevailing market conditions, fertility, demand, surrounding circumstances and several other relevant factors. Even purely agricultural lands do not remain at the same price for several years. Therefore, merely because the acquired lands are agricultural lands and not commercial lands, that circumstance cannot become a ground for refusing annual appreciation. If such reasoning is accepted, agricultural lands would remain stagnant in value for yearsr, which does not appear to be supported either by common experience. Therefore, absence of commercial potential by itself cannot justify reduction of annual escalation.

124. Secondly, while deciding First Appeal No.150 of 2009 relating to Village Dabkeghar, the Coordinate Bench has noticed in paragraph 35 that the Reference Court had granted escalation at the rate of 12% per annum and that such escalation had not been challenged. The Coordinate Bench observed that the rate of 12% per annum was borne out from the material available on record. Thus, the Coordinate Bench found that the evidence justified grant of annual escalation at the rate of 12%. This observation assumes importance because it relates to acquisition under the same Neera Deoghar Project and concerns neighbouring lands whose market value has been accepted by the Reference Court as the basis for the present acquisition. Therefore, when a Coordinate Bench found support for annual escalation at the rate of 12%, there ought to have been reasons for departing from that

approach. Such reasons are not found in the impugned judgment.

125. Thirdly, the award passed by the Land Acquisition Officer assumes significance though it is well settled that the award is not substantive evidence regarding market value. Even so, the award records the methodology adopted by the acquiring authority while determining compensation. It is seen that the Land Acquisition Officer granted notional annual increase at the rate of 12% while updating the comparable sale transactions up to the material date. Thus, the Land Acquisition Officer accepted that increase in land prices had taken place with passage of time and accordingly adopted annual increase at the rate of 12%. Therefore, both the Land Acquisition Officer as well as the Coordinate Bench proceeded on the basis that annual appreciation at the rate of 12% was appropriate in the facts relating to acquisitions under this project. Though this circumstance may not be conclusive, it lends support to the contention of the claimants that grant of annual escalation at the rate of 12% is not claim made without any material. It is based upon the methodology adopted by the acquiring authority and accepted by the Coordinate Bench.

126. The claimants have also relied upon the Statement of Objects and Reasons accompanying the Land Acquisition (Amendment) Act, 1984 introducing Section 23(1A) of the Act. It is true that the additional amount payable under Section 23(1A) operates in a different field and cannot be treated as annual escalation while determining market value on the basis of earlier sale transactions. Both the concepts are different. However, the legislative object behind introducing the said provision cannot be ignored. The

Statement of Objects and Reasons recognises that acquisition proceedings often remain pending for considerable period and that such delay causes hardship to land owners because land prices continue to increase with passage of time. Thus, the Legislature recognised the tendency of increase in land values. Therefore, though Section 23(1A) cannot by itself determine appreciation while comparing sale transactions, the legislative recognition of rising land prices supports the principle that escalation may be granted wherever such escalation is supported by the evidence available on record. Hence, this circumstance provides some support to the claimants' contention.

127. The learned Additional Government Pleader has relied upon the decision of the Supreme Court in *P. Ram Reddy* and submitted that the Court should not accept oral assertions regarding increase in market value. There cannot be any dispute with this proposition. In land acquisition matters the Court has to act cautiously because compensation is paid from public funds. Therefore, compensation must be determined on the basis of reliable evidence, surrounding circumstances and legal principles. However, in the present case the claimants do not rest their claim merely upon oral statements. They have relied upon comparable sale transactions, the methodology adopted by the Land Acquisition Officer, the earlier judgment of the Coordinate Bench and the admitted time gap of four years between the two notifications. Thus, there is documentary material supporting their claim. Therefore, in my opinion, the present case stands on different footing and the decision in *P. Ram Reddy* does not

advance the respondents' case.

128. The respondents have also relied upon the judgment in *Land Acquisition Officer Vs. B. Vijender Reddy* to contend that escalation cannot be granted in absence of evidence. The principle laid down therein is also well settled and cannot be disputed. However, every land acquisition case depends upon its own evidence and surrounding circumstances. In the present matter there exists material in the form of sale deeds, the methodology adopted by the Land Acquisition Officer, the earlier judgment of the Coordinate Bench and the gap of more than four years between the two notifications. Therefore, it cannot be said that the claim for escalation rests merely upon assumptions. The present claim is supported by surrounding material and hence the ratio of the said judgment does not assist the respondents.

129. The respondents have next argued that sale transactions relied upon in the Dabkeghar case disclose descending market prices and, therefore, there was no increase in market value. This submission does not persuade this Court. Individual sale transactions may vary because of many reasons. The size of the land sold, urgency of the vendor, financial condition of the parties, fertility of the plot, location, access to road or several other surrounding circumstances may influence the sale price. Therefore, it would not be safe to infer absence of appreciation in market value merely because one or two subsequent transactions disclose lower rates. More importantly, the Coordinate Bench had examined those sale instances in detail before fixing the market value of Village Dabkeghar at Rs.2,05,000/- per hectare.

Therefore, isolated fluctuations appearing in some sale transactions cannot outweigh the overall conclusion reached after examination of the evidence.

130. The contention of the respondents regarding River Neera, greater distance from Bhor city and the alleged location of the acquired lands between two mountains has also been considered. These circumstances were relied upon to contend that Village Parhar (Khurd) could not receive the same treatment as Village Dabkeghar. However, as already discussed while considering the issue of comparability, the evidence does not establish that these features reduced the market value of the acquired lands. On the contrary, the respondents' witness admitted that the map relied upon by him depicts the Ring Road constructed after the acquisition and not the Mahad Pandharpur Road existing on the date of notification. The certificate regarding distances was also prepared much later and its author was not examined before the Court. Thus, the foundation of the respondents' argument regarding distance becomes weak. Therefore, these circumstances do not furnish basis for reducing the annual appreciation which appears supported by the material available on record.

131. The rejoinder submissions advanced on behalf of the claimants deserve acceptance to a limited extent. The submission that the distance certificate cannot be treated as conclusive evidence in absence of examination of its author appears to be justified. Unless the author enters the witness box, the basis upon which the measurements were made cannot be properly tested. More importantly, the Land Acquisition Officer relied upon sale

instances from Nandgaon, Nirgudghar and Apti while determining compensation for Village Parhar (Khurd). This conduct of the acquiring authority supports the comparability of these villages and weakens the contention advanced by the respondents that those villages are different for the purpose of valuation.

132. At the same time, I am unable to accept the submission of the claimants that this Court should determine compensation on the basis of the highest sale transaction showing market value of more than Rs.5,33,000/- per hectare. Such submission overlooks the fact that the Coordinate Bench has undertaken scrutiny of all the comparable sale deeds and determined the market value for Village Dabkeghar after making deductions having regard to the advantages and disadvantages of the lands. In the present appeals, both the claimants as well as the respondents have proceeded on the footing that the market value determined for Village Dabkeghar forms the base for further determination. Therefore, once that basic value of Rs.2,05,000/- per hectare is accepted, the proper course would be to determine annual appreciation over that amount instead of reopening the entire exercise relating to selection of sale exemplars and fixation of basic market value.

133. The notification under Section 4 relating to Village Dabkeghar was issued on 6 May 1993 whereas the notification involved in the present acquisition was published on 9 October 1997. Thus, there is a time gap of about four years and five months. During such period, the market value of agricultural lands cannot be expected to remain static. In fact, the Reference Court has accepted that there would be increase in market value during

the intervening period. Having accepted this principle, there appears to be no convincing reason for restricting the annual appreciation only to 6% per annum when the material available on record, including the judgment of the Coordinate Bench, the methodology adopted by the Land Acquisition Officer and the surrounding evidence, indicates annual appreciation at the rate of 12% per annum. In my opinion, the finding limiting escalation to only 6% per annum does not appear to have support.

134. In these circumstances, I am of the considered opinion that the Reference Court was not justified in reducing the annual escalation to only 6% per annum. The claimants have been able to establish on the basis of the evidence available on record that the market value determined for Village Dabkeghar requires to be updated by granting annual escalation at the rate of 12% per annum till the date of publication of the notification under Section 4 in the present acquisition. Consequently, the compensation of Rs.2,54,000/- per hectare awarded by the Reference Court does not represent the fair market value of the acquired lands as on the relevant date.

135. Applying annual escalation at the rate of 12% per annum to the market value of Rs.2,05,000/- per hectare determined for Village Dabkeghar for the period between the two notifications, the market value of the acquired lands in Village Parhar (Khurd), as on 9 October 1997, works out approximately to Rs.3,13,981/- per hectare. Having regard to the evidence discussed, the sale transactions, the findings recorded by the Coordinate Bench, the methodology adopted by the Land Acquisition Officer and the

surrounding circumstances brought on record, this amount appears to represent just compensation. It is supported by the evidence available in the present case and maintains consistency with the earlier judgment relating to the same project. Consequently, the claimants become entitled to enhancement of compensation from Rs.2,54,000/- per hectare to Rs.3,13,981/- per hectare, together with all statutory benefits admissible under the Land Acquisition Act, 1894. The appeals preferred by the claimants, therefore, deserve to be partly allowed to the aforesaid extent, whereas the appeals preferred by the State Government and the acquiring body challenging such enhancement are liable to stand dismissed.

136. In view of the foregoing discussion, and upon overall assessment of the material record, the following order is passed:

(i) The First Appeals preferred by the claimants are partly allowed;

(ii) The First Appeals preferred by the Maharashtra Krishna Valley Development Corporation (MKVDC) are dismissed;

(iii) The common judgment and award passed by the Reference Court are modified only to the extent indicated herein below:

(iv) It is held that the claimants are entitled to compensation for the acquired jirayat lands at the rate of Rs.3,13,981/- (Rupees Three Lakhs Thirteen Thousand Nine Hundred Eighty One only) per hectare, instead of

Rs.2,54,000/- per hectare awarded by the Reference Court;

(v) The claimants shall be entitled to the enhanced compensation together with all statutory benefits available under the Land Acquisition Act, 1894, including additional amount under Section 23(1A), solatium under Section 23(2), and interest under Section 28 of the Act, as admissible in accordance with law. The compensation already paid, if any, shall be given credit while calculating the amount payable;

(vi) The directions contained in the impugned judgment regarding apportionment, withdrawal, adjustment of the amount already received, and all other directions not inconsistent with the present judgment shall remain unaltered and shall continue to operate;

(vii) The acquiring body and the State Government shall deposit the balance amount of compensation together with all statutory benefits before the Reference Court, after giving due credit to the amount already paid, within a period of twelve weeks from the date of this judgment;

(viii) On such deposit being made, the Reference Court shall permit the claimants to withdraw the amount in accordance with law and in terms of the apportionment already determined, after due verification of their entitlement;

(ix) In the facts and circumstances of the case, there shall be no order as to costs.

(x) Pending interlocutory application(s), if any, stand disposed of.

(xi) Drawn up decree accordingly.

(AMIT BORKAR, J.)