234!56789! : ;8<3! =>?6;0!A;B : ;8<3 C DE6A4A?!

!

!

5 : D3F<! 2 < FA36GH6 : 7!!

"

=E?;D?H6:7!

U!(B:3H!5:>><7HF?!V"PG?O<!<?AB!C!"WX!! ! UW! !!!!!2D<!K9!"6593.7694cmBT500050802.6f(!)TjET / TT21T4*1Tf[(>)0.2(6)0.2(7?)0.2(H)]TJETQq !

[?] <u>- K : DH!HB<! (B : 3H! 5 : > ><7HF@</u>! (B : 3H!A : > ><7HF!FB : D;8!K<!" !G?O<!; : 70!?78!FB : D;8!86FADFF! ?7!6FFD<L!?30D><7H! : 3!H : G6A!N3 : > !HB<!3<?8670F! : N!HB<! I <<J!67! I B6AB!HB<9!?3<!B?78<8!674! (B : 3H!A : > ><7HF!?3<!=@2. : E.IH.0 7 .?6. '>@D3=0E.?A.1>2.822J.46.8>4K>.1>2.D20=4653.0D2. 0334562=4!

!

 $\label{eq:constraint} \begin{array}{l} {}^{K}\underline{-K:DH!HB}<\!!UPY!G?O<\!!G?G<\!\!3^{0}!QB<\!!H:G6A!N:3!HB6F!G?G<\!\!3!6F!:G<\!7P<\!78<\!\!8!KDH!9:D!>DFH!K?F<\!!HB<\!!G?G<\!\!3!?3:D78!:7<\!!N!HB<\!!3<\!?8670F!N3:>!HB<\!!N63FH!B?;N!:N!HB<\!!A:D3F<\!\!4!\&@2.=\!012L. \end{array}$

#;<?F<!7:H<!HB?H.099.03345672613.A?D.1>43.K?@D32.06=.099.7012D4093.;?312=.1?. SD45>13;0K2.0D2.1>2.4612992K1@09.;D?;2D1E.?A.7E329A.06=.1>2.T64N2D341E.?A.U4K1?D404! 2:!7:H!A63AD;?H<!HB6F!>?H<36?;!:3!G:FH!6H!H:!7:H<PFB?3670!F6H<F!I6HB:DH!>9!G<3>6FF6:74!! /?31465.K?@D32.7012D4093.1?.6?12%):D!A?7!N678!67N:3>?H6:7!?K:DH!

*

+?N.I0[^].IQ.

$$\label{eq:m2} \begin{split} m?; &> ?67 < !Q: J6L!g2 < A:;: 76R?H6: 7!?78!HB < !Z6OBH!: N! (<; NP8 < H < 3 > 67?H6: 7!N: 3!HB < !\#?A6N6AhL! \\ &: !!Y, !V1, " \setminus XL!" f"P1, "Y4! \end{split}$$

!

 $\label{eq:solution} (\ ?>D<;!o4! (\ G<AH: 3L!g \ [<\!O: H6?H67O!^3<\!<\!! - FF: A6?H6: 7!K<\!H \ I <\!<\!7! \ / \ <\!FH<\!37! (\ ?B?3?!?78! \ i \ :3: AA: @! - !5$