

Mind Control

T\Y%+SgHJ gmf]g|H YQI A]!
]cb'8c''fA UbCZUf fXUb Ugfcl
 bU hgg' VUXm]b1 fX]b'Ub UW'
 XfbhUhg f] YcbgWi 'XgJ Y\lg']Z'cb'm
 Vm]fYi]X]b[C]a "H YWUUMf'k Ug
 fYdUfXk]h' a UW]bY'] YWa dcbYbfg
 Xi f]b['Ub Y dYbgj Yl dY]a YbU'g f] Yfm
 h.Ui'Za\ja k]h' g dY'i a Ub'ck Yfg'
 Gci bX'] Yg]WbW, M]cb3A UhiY(S'
 nUfgU'c"



]H YF\UgUk UhgVYb UX]j Y
 le Wa Yi d'k]h UWa di Hf'h.Uk]''
 Ya i 'U'h Yga Ufhg]b]m]b'h.Y
 i b]j Yfg'K \Ug'h Yga Ufhg]b]m]b'
 h.Yi b]j Yfg'3H YVfU]b'K YUfYUdcb]b
 k\YfYh.U]gdcgg]V'X]g]X'8f''A U X'm
 6Umi a]z' YUk'Z'h Y8 YdUfa YbhcZ
 9 YW]W' UbX'7ca di Hf'9b]]bYf]b]"

6Umi a]]g' YU]b[U] fci d'cZ
 researchers at the University of Louisiana
 UicZimHY'k\c' fYX]Ycd]b['UMfU]b'

W]d]b'h.YI b]j Yfg]m]g'bhY''] Yb]7mYd\ng]W'@U'='hikci 'X
 YbU'YUdYfgcb'le a cj YUb Ufh, WU''ja V]]U]hci [\H'5'ga U''
 W]d]b'h.YVfU]b', Uci hcbY]bW'gei fY., kci 'X'Yhga YcbY
 k]h' Udfcgh Y]W]a Va cj Y]h]g]Z]h]k YfY'fYg' UbX'VcbY'

<ck 3H'fci [\ VU]b]Wa di Hf']b]hZ'W'Z'cf'67-z
 hWbc'c[n]5g'h YbL'a Y]a d']Yg'VfU]b]Wa di Hf']b]hZ'W'
 Yg]U]g] YgU']b_ V]k Yb'UMfU]b']k]fYX'k]h' UWa di Hf' W]d]z'
 Z'f']b]g]U]b]W'UbX'U]X]j]W]h.UhYbU'Yg'VfU]b'g]]bUg]le X]fYW'
 Yl Hf]bU' U]m]]h]g' W'Uga cj]b['Ub Ufh, WU''ja V'

]H'g]U]g]W'm]b]m]fU]b['UMfU]b'k]h' Ugn]h'a z]e VYU'Yle'
 fYUk'h YVfU]b'cf'fYUk' \Ug' h' YVfU]b]Z'Umi a] Y] d'U]bYX'
 G]bg'f]g]b]X]h Ya]M'W]d]z' \]W'kci 'XVYg' f]]W' m
]a d'Ub]X]b'h YVfU]b]z'kci 'XX]W]M]c'c[]W' d'f'c'W'g]g]h'U
 W]b]j Yf]h'ci [\]]b]e U]m]b]" 6U]b'g]]bUg]kci 'XVYfU]b]g]h]X'
 le Ug]W]bX'W]d]b' Udfcgh Y]W]fa 'Vnk U]c'ZU]fU]c' Z'Yei Yb]W]h'
 g]]bU''H'Yj]f]i U'W]b]b'Y'kci 'X'YbU'YVfU]b]]a di 'g]g]le'
 d]fca dh]d\ng]W' a cj Ya Yb]h'

]H'g]ci bX'g'] YZ]b]h]g]m] h]g' X]X]h'Yga Ufh]d'cbY' Bch] Yfm'
 a U]m]d'Ycd'Y]b]]gcb'X'Uk]fY'Yg'X]j]W]h'Ukci 'X'Yhmi 'H_U'
 le U]m]b]Z'U]nk \Yf]]b'h'Ykcf' X]E]Umi a]]g]X'

I b]j Yfg]m]g]W]b]h]g]g]fYX]Y' Ycd]b['Ug]W]b]X'a]M'W]d]'

F :Za E Sa a a ;N E Sa a a a ;a
 D . Ma Ba , a a D a E a a C E

h.Ukci 'X']j Yd'Ycd'Yg' Yf]b['Zca 'Yd] Yd]g]n]Uk Uf]b]]h'U]h
 g]m]ri fY]g]a a]b]b]h'

H'YW]d'kci 'XVYd'UWX]b]g]X]Y]Uga Ufh]d'cbY'cf'
 k]f]g]k U]W'] YX]j]W]U]b]X]g]b]W]fcb]n]X]k]h' g]b]g'f]g]Ya VXXX'
]b' \YU] Yf]g]a]]f'le Ug]]a a Yfg]W]H'YW]d'kci 'X'
 k]f]Y]g]m]d'fYX]W]d] Yd]]W]g]m]ri fYg]V]ma cb]]e]f]b['VfU]b'g]]bUg'
 k]h' '99; z'k \]W'g]U]b]X'g'Z'f' YW]f'c'Yb]W]d' Uc] f]U]d' n]5b' UYf]h
 kci 'XVYX]j YfX]b' U]j Ub'W'c'ZU]g]m]ri fY'

H'Wbc'c[n]h.U]h]W]b' VYi g]X]le d'fYX]W]d] Yd]]W]g]m]ri fYg'
 Uf]U]k]m]]g]g'='hcb'nd]f]c]j]X]g]k Uf]b]]Uci h]Y]]h]g]W]b]X'g'
 VZ'fY'Ub]Z'h'ci [\ "6Umi a]]g]X]i b]j Yfg]m]ri fYg]U]W]f]g]fY'
 \cd]b]]e' d'f'c'X] W]U]W]d]h.Ukci 'X']j YUd'Yfg]cb' U]a d'Yb]c]]W'
 VZ'fYU]g]m]ri fYg]f]]g'

]G]Y]U' n]h]U]b]X]X'c[g]W]b' d'fYX]W]U]g]m]ri fYU]ci h]%'
 a]bi H]g]VZ'fY]h' U]d]Yb]g]Ub]X]h'U]h]g]ci f']cU''K Yk Ub]h]e'
 d'f'c'X] W]U]W]d]h.U]h]W]b' Wa d'Yh]k]h' U]X'c[]z'k \]W'kci 'XVYU'
 a i W'a c'fYd'fU]W]k U]h]e' X]Y]j Yf'Uk Uf]b]]Z'B'Y] d'U]b]YX'
 Z'f'a YX]W' \ Yd'c'f'le'g]ed' \]g] Y]W]Y]le' fY]i W]W]U]b]W]g'c'ZU'
 g]m]ri fY]]b]X]i W]X]U]W]X]b]z'g]]X]B]Y' m'9' Q]i]h]X]e]U] f]U]i U]Y]g]i X]b]h
 kcf_]b['cb'h'Yd'f'c'W] '5' Yf]h]X]j]W]g]W]i 'XU]g' VYk'cf]b' V]riU



U v a a v a , a
 fYU]j YZ]]b]X'cf' W]F]U' Y'k \c' W]i 'XU]g]g]h'Ud'Yfg]cb'g' Yf]b['Zca'
 Yd] Yd]g]n]W' Z'f' \ Yd'c'f'fYa ch'Ym]X]g]U'YU]j Y]W]

9' Q]i]h]X]e'c']g]d]i f]g]]b]]U]X'c'W]f'U' X]]fY]]b' Wa di Hf'
 Yb]]b]Yf]]b]]z]g]]X]h' Y]h]W]b'c'c' [n]kci 'XVYU]g] Ub]U] Yci g'Z'f' d'Ycd'Y'
 k \c' U]Yi bU'Y]le' Wa a i b]]W]Y]]b'h' Y]j Yb]hc'ZU]g]m]ri fY]z]g' W'U]g'
]]b]Z]b]g]c'f' d'Ycd'Y']b' U]Wa Uk \c' W]b]h]i] d'U]b'k \U]g' \U]d]Yb]]b]"

]H'Y]g]m]h'a 'W]i 'XVYd'f'c' f]U]a Y]X]le' W' U'c]g]]U]Z'U]b]X' \U]j Y'
 ; DG'g' Ub'U]a V] 'Ub'W]W]i 'X'Wa Y]le' h'Y'c'W]h]cb'c'ZU]d'Yfg]cb']b'
 X]b]]Y''='h'W]i 'X'g]j Y']j Y]g]CE

6U]mi a]]X]g]m]V]g]]g]g]]b]]b] W]b]W]h']g]k U]m]]H'Y]Yk]'' VY'
 H'U]g]Z'f'a U]h]cb]U']a d]U]M', 'bch]U]b']b]W]Ya Yb]U'cb]Y., 'cb']a d'f]c]]b['
 ei U]]h]m]c']Z'CE

6ch' d'f'c' W]g]U]Y]g' d'c]f]h]X]k]h']f]U]b]g]U]k U]f]X]X'V]n]h' Y'
 B]U]h]cb]U' G]M]b]W': ci b]X]]cb' Ub]X]i 'G'8 Yd]U]fa Yb]hc'Z9b]f]]m

H'Y]]X]U]c]Z']fYU]]b]]a]b]X]g]U]b]X]h'ci [\H'W]b]f'c' 'Y]X'a cj Ya Yb]h'
 \U]g' ba " " !]]b]g]c'Zk \U]h]e'XU']g'
 W'YX'V]U]b]Wa di Hf']]b]h'
 U]m]]h]m]i g]b]]99; "

5b'99;]h]g]W]b' U]g]g]h]b' h' Y]X]U]]b]c]g]g'c'ZU]f]U]b]]Yc'Z'W]b]X]h]cb]g'
 fYU]X]le' h' Y]V]U]b]z]]b]W] X]b]]Yd]]Yd]]W]g]m]ri fY]z]g]W]b]W]g]g]cb]g]Ub]X'
 h'a c'f]g' h' Y]h]g]z' c]k Y] Y]z]]b]c]]j Y]g]d'U]Wa Yb]hc'Z'Y]M'f'c'X]g]cb'
 h'Y]g]W]d]z'k]h' fY]g']g]h]U]g]Z'f]fYX'V]nk U]m]c'ZU]W]b]X]i W]f'le' W]g]m]ri
 Ub]X]Wa d'Y] Yei]da Yb]h' G'W'99;]h]g]W]b'cb]m]X'W]b]X'W]b]X'W]b]X'
 \c]g]]U]g]c'f' \U]g'V]ma Y]X]W' d'f'c'Z]g]cb]U]g'

=h' h' Y]W]g]c'Z'h'ci [\H'W]b]f'c' 'Y]X'a cj Ya Yb]z'U]M]]' YU]d'Z'f]k U]fX'
 c'W]f]fYX]]b'h'Y%+Sgk \]b'fY]g]U]W]f]g]U]h]h'YI b]j Yfg]m]c'Z'
 7U]]Z'f]b]]z'c]g]5b]]Y]g]k YfYU'Y]le' W]b]f'c' U]Wa di Hf' W]f]g]f' V]m
 i g]b]]99;]g]]b]U]g]Z'ca h' Y]V]U]b]"

A c'fYf'W]b]h]r]g]m]b]h]g]g]Ub]X]b]i f]c]g']f' Y]cb]g' \U]j Y]X]a c]b]g]f]U]X'
 h'U]d]f'c]g]h' Y]W]ja]g]W]b' V]Ya U]b]di 'U]X]]b'U'U]g]h]]b]]"B'Y]j Y]g]]b'
 U]l'c]g]z'Z'f'Y] U]a d'Y]Z'U]f]g' f]]W' m]f]Yd'f]c' f]U]a Y]X]le' X]f]Y]M]b]i fU'

Wa a UbX]g]le Udfcgh Y]W]ja V'

A U]m]n]W]U']b]]Y]g]f'Ya U]b]"A i W'c'Z]e'X]h]g]Y]g]]b]]h]W]b'c'c']m],
]b]W' X]b]]h]W]b'c'c']n]h'U]h' U]g]V]Y]b' U]d]d'f]c] Y]X'V]n]h'YI "G": ccX]U]b]X'
 8f]i ['5X'a]b]]g]f]U]h]cb.,]g]Y]h' Y' X]b]]Y]ci g'c]f']b]W]b]j Y]b]]b]h]Z'f' i g'
 V]n]h'Y]U] Y]U] Yd'Yfg]cb'"7c]g]]g]U]b]c]h' Y' X]U]k U]U]W'"5' d'f'c]g]h' Y]W]ja V'
 W]d]U]Y'c'Z]g]i f]f]]b]]']a]h]X]h'ci [\H'W]b]f'c' 'Y]X'a cj Ya Yb]z]g' W'U]g'
 cb]Y]X]j Ycd'Y]]b' U]h]g]g]U]h'c'bg<cd_]b]g]]b]j Yfg]m]c'ci 'X'W]g]h'
 U]ci h'") \$\$\$SS"

6U]b]g' f]]f]m]ic']a d'U]h]W]d]g]Ub]X]Y]W]f'c'X]g]]g]f]g']n]f]Y]g]U]W'cb'
 k]f]Y]g]g'67=g]g]h'a g]g]Y'a V]m]b]]W]b]X]g' V]W]M]c' \i f'X'Y]g]g' W'U]g]b]c]g'
]b]h]Z'f]Y]b]W]U]X]U]M]U]M]U]b]X]X]U]H]g]f]Y]X]U]X]g]c'f]U'Y']a]h]U]h]cb]g'

]b'h' Y]W]g]c'ZU]W]d]le' X]h]W]M]d]]Y]d]g]n]k Y' \U]j Ycb]Y]h'U]i
 kcf'g]V]i h]k YU]f]Y]W]b]g]U]b]h]m]a d'f]c]]b]]h]F]] \h]b]c]z]k YU]f]Y]h]m]b]]
 le']a d'f]c] YU]W]f]U]M]c']f'g]g]h'a]g]]cc'X]Z]M' h]g]ca Y]h'a Y]g]]h]d'f]Y]X]W]g]U'
 g]m]ri fY]k]'' \U]d]Y]b]z]Ub]X]X'c'Y]g]]h' \U]g]le' V]Y%'SS' d'Y]W]b]h]Z'f' d'Ycd'Y'
 le' i g]Y]]h]Z'9' Q]i]h]X]e']X]

I @U]Z]i]M]H]Y'f]Y]g]U]f]W]f]g' \U]j Y]V]Y]b'kcf_]b]]le' Wa d'Y]h'
 d'f'c]le'hd]g]Ub]X]Z]M]]W]h'a c'X]Y]g'c'Z]U]W'c'Z]h'Y]h'c' W]U]g]U]h]W' U]g]6]f]]f'a'
 h'U]h' U]d]Y]b]z]6U]mi a]]g]]X]h' Yd'Ub']g]le' d'U]f]h]Y]f'k]h' U]a Y]X]W'
 g]W]cc'cf' Udf]j U]Y]Y]b]h]m]ic' W]b]X]i W]h]f]U]g]Ub]X]Y] d'c'f]Y]h'Y'
 dch]h]]U' Z'f' Wa a Y]V]U]]n]U]h]cb]"

5g]h' Y]h]W]b'c'c']m]W]b]h]i Y]g]le' Y]c]j Y]z]h' Yd'c]g]m]]h]Y]g]Z'f'
 a Y]X]W]H' U F F Q 7

9'C: @5'@CI -G5B9

8CT: 8I: 5G