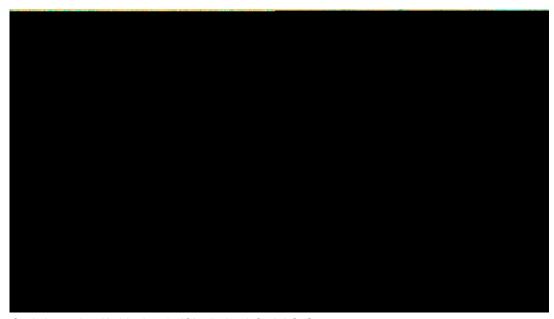
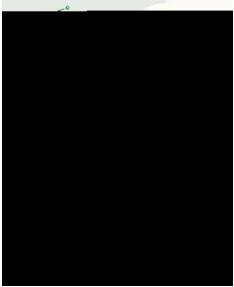
## ', '<CI FG'5; C



7i Hi]b[ YX[ Y. cbY'HYLa cZfYgYUFWYfg\YdYX'H.LbrUb]Ub ZUfa Yfga UbU[ Y' bUbV][U'f]g\_



HN]gZYUhi fY'UddYUfg']b'h\Y'>Ubi Ufm'% YX]h]cb'cZh\Y': H FYgdcbg]V'Y'6i g]bYgg'9Xi Wh]cb'a U[ Uh]bY

## < YUh\WfYZcfk\ca3



 $GYbX\)^*Ai ```U]bUh\Ub'cZ7\)[W[c'6ccth.'kcf_YX'k]]h\'a YX]Wb'dfUMi]h]cbYfg'hc'Y1 dcgY'fU/]U'V]Ug']b'1 G\YUth\WfY']bg'fLbW'y '5'Ua'm' \\$ 

HUVV]b[ k UghYžgUj ]b[ cVg

6][ 'XUI'J'Zcf'ga U` 'ZJfa Yfg

6i g]bYgg<sup>\*</sup>fY]a U[ ]bYX

6]"/ "AY"]bXU; UhYg: ci bXUh]cb

K ]M]HJGHJYT b]j Yfg]lm

I b]j Yfg]lmcZ7Ua Vf]X[Y

: ]bUbV**]**10"H]a Yg

FH=bhYfbUhjcbU

I b]j Yfg]hmcZ>c\UbbYgVi f[

; `cVU`6i g]bYgg'GWcc`BYHkcf\_

GYVMcf'(:cVVg

I b]j Yfgj|mcZ@ja Yf]VV##bhYfbUrjcbU: YXYfUrjcbcZGWc`Uf`m5ggcV|JUrjcbgcZAUbU[Ya Ybh

K \Ufhcb#FYgdcbg]VYFYgYUfW[]b 6i g]|bYggv/ A UbU[ Ya Ybh

 $\label{thm:control_problem} \mbox{I b]j Yfg]hmcZG\Y \] Y X\#FYgYUfW cb FYgYUfW <math>\mbox{+bgh]h} \ hY$