

## GdJ [[ 'GJ 'K Y]XYb 'hf]i a d\]Yfh']a 9`Za YhYfgW\]Y» Yb '[ Y[ Yb : 7 'K Y]XYb!Cgh

5GJ '7\Ua '[Yk]bbh'XUg'l %-!Hifb]Yf'XYf'GdJ[['GJ'K Y]XYba]h'Y]bYa '%.\$!G]Y['[Y[Yb'6UmfYih\"'GdUbbYbXY'Gd]Y`Y'ibXZU]fY'8iY``Y'dfÀ[hYb'XUg'9jYbh"

| %-!Hi fb]Yf'XYf'GdJ[['GJ'K Y]XYb.
@c\_U`\Y`XYb']b'5Wh]cb

8 Ugʻl %-!Hi fb]YfžʻXUgʻUi ZʻXYbʻ?i bghfUgYbd`ÀhnYbʻXYfʻGdJ [ [ 'GJ K Y]XYbʻghUhhZUbXžʻnY][ hYʻY]bXfi  $\underline{W}$ \_gj c```XUgʻDchYbn]U`ʻʻl b[ Yf HUʻYbhYʻi bXʻZÒfXYfhYʻni XYaʻXYbʻ; Ya Y]bgWkUZhgg]bbʻ]bʻXYf FY[ ]cb"ʻ $\pm$ bʻY]bYaʻgdUbbYbXYbʻ: ]bUʻYʻgYhnhYʻg]WkʻXYfʻ5GJʻ7\Ua [ Y[ YbʻX]YʻGdJ [ [ '6UmfYi h\`a ]hʻ%.\$ʻXi fWkʻi bXʻg]WkYfhYʻg]WkʻXYb Hi fb]Yfg]Y[ "'8]YgYʻ@Y]ghi b[ 'Vf]b[ hʻX]Yʻ5i Za Yf\_gUa \_Y]hʻUi ZʻX]Y 9bhk ] $\underline{W}$ `i b[ 'i bX`: ÒfXYfi b[ 'XYgʻ $\Rightarrow$  [ YbXZi » VU``gʻ]bʻXYfʻFY[ ]cb"

5i Z'XYb'D`ÀhnYb.'9]b', VYfV`]W\_'ØVYf'X]Y 9f[YVb]ggY

BUWW.rduW\_YbXYb.Gd]Y.Yb.VY.Y[hY.XYf.5GJ.BYi a Uf\_h:XYb.Xf]hhYbD`Uhnž:]bXYa.Yf:XYb.J.Z7.D`Ui Yb.a.]h:&.\$.VYg]Y[hY".9]b.`c\_U`Yg8YfVmi a.XYb.ZØbZhYb.D`Uhn.nk.]gWW.Yb.XYf.GdJ.[[.GJ.K.Y]XYb.i bXXYa.:.7.K.Y]XYb!C.gh:YbXYhY.]a.9`Za.YhYfgWW.]Y.»Yb.a.]h:Y]bYa\_bUddYb.(.'.ZØf.K.Y]XYb".8]YgY.A.UhWW.Yg.nY][hYb.X]Y.\danhYbg]hÀhibX:XYb.K.YhhVYk.YfVg[Y]ghž:XYf.]b.XYb.FY]\Yb.XYfBUWW.ki.WW.qa.UbbgWW.UZhYb.\YffgWW.h"

GhUf\_Y @Y]ghi b[Yb XYf; Ugh[YVYf

8]Y'GdJ[['GJ'K Y]XYb'XYa cbghf]YfhY'VYgcbXYfg']b'XYf'Jcffi bXY
]\fY': À\][\_Y]hYb"'\downormallow; fi ddY'5'[UV'Yg'nk Y]'I bYbhgW\]YXYb'[Y[Yb XYb'5GJ'BYi a Uf\_hii bX'XYb'JZ6'5i YfVUW\ž'k À\fYbX'g]Y'[Y[Yb XYb'5GJ'7\Ua 'Y]bY'\_bUddY'B]YXYf`U[Y'\]bbY\a Yb'a i gghYb"'8Yf; fi ddYbXf]hhY'Ui g'K Y]XYb'\_cbbhY'g]W\'gW\`]Y\"\]W\'ZØf'X]Y
D`Uhn]Yfi b[ggd]Y`Y'ei U`]Z]n]YfYbž'k Ug'XYb'? Ua dZ[Y]gh'i bX'X]Y
HYUa XmbUa ]\_'XYf'\'i b[Yb'Gd]Y`Yf'VYk Y]gh'i

## 8]YAY]bib[XYfHfU]bYf

 $\label{thm:linear_continuous_co$ 

## 6YgcbXYfYAcaYbhY]a 9`ZaYhYfgWX]Y»Yb

 $8 \ Ug \ gd \ Ub \ b \ Yb \ XY \ GhUXhXi \ Y``i \ a \ 'XYb \ ZØb \ ZhYb \ 'D`Uhn \ 'Yb \ hg \ W \ ]YX \ 'g]WX \ 'YhnhYb \ X`]WX \ ']a \ '9` Za \ YhYfg \ WX \ Yb \ Z'k \ c \ 'XYf \ Hc fk \ Ufh \ XYf \ Gd \ [ [ \ GJ \ K \ Y]XYb \ Z'B \ ]WC \ 'A \ U[ \ XYVi \ f[ \ z \ U`g \ A \ UhWX \ k \ ]b \ b \ Yf'\ Yfj \ c fg \ hU \ z \ ]b \ XYa \ Yf'nk \ Y]Yb \ hg \ WX \ '9` Za \ YhYf'd \ Uf]YfhY'' \ 'Gc` WX Y \ 'Xf \ Ua \ Uh]g \ WX \ Yb \ A \ ca \ Yb \ Y' \ Yfj \ c \ Ydi \ b \ h'Y]b \ Yg': i \ VU``hi \ fb]Yfg'i \ b \ XnY][ Yb \ z'k \ ]Y'k \ ]WXh][ 'a \ Yb \ hU`Y \ 'Gh \ Af \ Y' \ b \ X'HY \ Ua \ ni \ g \ Ua \ a \ Yb \ U`h']a \ Gd \ Cfh'g]b \ X''$ 

## : Un]h. '9]b 'k ]WX h][ Yf 'G WX f]hh 'ZØf 'X Yb $\Rightarrow$ [ Yb X Zi $\Rightarrow$ V U``

8 Ugʻl %-!Hi fb]Yfʻj cbʻK Y]XYbʻk Ufʻb]W\h'bi fʻY]bʻgdcfh`]W\Yf
K Yhh\_Ua dZžʻgcbXYfbʻUi W\`Y]bYʻA Ò[`]W\\_Y]hʻZØfʻX]Yʻ; Ya Y]bgW\UZhž
ni gUa a Ybni \_ca a Ybʻi bXʻX]Yʻ6Y[Y]ghYfi b[ˈZØfʻXYbʻ: i » VU```ni
hY]`Yb"'8]Yʻ9f[YVb]ggYʻXYa cbghf]YfYbʻXUgʻHU`Ybhʻ]bʻXYfʻFY[]cb
i bXʻghÀf\_YbʻX]Yʻ< cZZbi b[ˈUi ZʻY]bYʻYfZc`[fY]W\YʻNi \_i bZh']a

B5;

8 Y hU]`c

6Ygi WXYb G]Y i bg Ui Z b!U[ "XY