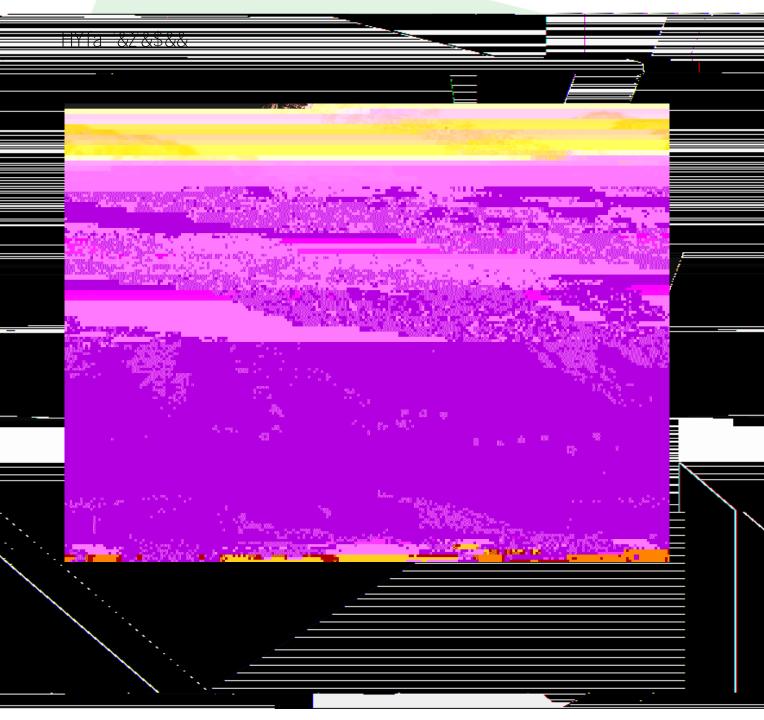
EDST5321

1 1 8

Achji Uhjcb`]b`9Xi WUhjcbU``GYhnjb[g



EDST5321 // Term 2, 2022 // published at 29-03-2022 © UNSW Sydney, 2022

7 ci fgY[·]Cj Yfj]Yk

GHJZZ7cbHJWhi8YHJ]`g

7 cbj Ybcfg

BUa Y	9a U]`	5j U]`UV]`]hm	@cWUh]cb	D∖cbY
9``Yb`@YY	<u>\YYa]b"`YY4 i bgk "YXi "Ui</u>		A cfj Yb 6fck b	

GWXcc`7cbHJWhi=bZcfaUh]cb

GVX.cc``cZ9XiVUHjcb 5fhgž'8Yg][b'UbX'5fVX]hYWhifY ; fcibX': `ccfž'A cfjYb'6fckb'6i]`X]b['fl&\$Ł

H. 'Ž * %'f&Ł'- ' ,) '%- ++

9. YXi WUhjcb4 i bgk "YXi "Ui

K. \hhdg.#k k k "Ufng"i bgk "YXi "Ui #YXi WUh]cb

5W_bck `YX[Ya YbhcZ7ci bhfm

I BGK '5ffgž8Yg][b'UbX'5fW]]YWi fY'?Ybg]b[hcb'UbX'DUXX]b[hcb'WJa di gYg'UfY'Vi]`hcb'5Vcf][]bU` @UbXg''K Y'dUmci f`fYgdYWg'hc'h\Y'6]X'][U``UbX'; UX][U``dYcd`Yg'k \c'UfY'h\Y'7 i ghcX]Ubg'cZh\YgY``UbXg'' K Y'UW_bck `YX[Y'h\Y'5Vcf][]bU``UbX'HcffYg'GHfU]h=g`UbXYf'dYcd`Ygž'h\Y':]fgh5i gHfU`]Ubgž'k \cgY``UbXgž k]bXg'UbX'k UHYfg'k Y'U```bck 'g\UfYž'UbX'dUmfYgdYWihc'h\Y]f'i b]ei Y'j U`i Ygž'UbX'h\Y]f'Wcbh]bi]b[`UbX YbXi f]b[`W`h fYg'k \]W\XYYdYb'UbX'Ybf]W\'h\Y``]ZY'cZci f`bUh]cb'UbX'Wca a i b]h]Yg''``

∵a U[Y'WcifhYgmicZh\Y'CZ]WY'cZh\Y'Dfc'J]WY!7\UbWY``cf`=bX][Ybcig'<u>LBGK_fg`=bX][Ybcig'ghfUhY[m</u>

7 ci fgY`8YHJ]`g I b]hg`cZ`7fYX]h`*` K cf_`cUX

5ggYgga Ybh

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%"`5bbcHJHYX`V]V`]c[fUd∖m)\$I	DUfh%`&%#\$*#&\$&&`).\$\$DA / DUfh&.%#\$+#&\$&&`).\$\$DA	%ž'&		
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EiU`]HJHjY`UbX`eiUbHjHJHjY`ZYYXVUW_`dfcj]XYX`cb`]bY`H\fci[\`WcifgY`kYVg]HY`k]H\]b`%\$`XUmg`cZ giVa]gg]cb"

5XX]h]cbU``XYHJ]`g

DfYgYbhUb'UbbcHUHYX'V]V`]c[fUd\mcZgcifWfg'dfcj]XYX']bWiX]b['gcaY'cZmcifWkccg]b["'H\Y'difdcgY'cZ h\Y'UbbcHUHYX'V]V`]c[fUd\m]g'hc'UWeiU]bhmci'k]h\'h\Y'Y`YaYbHUfmUgdYWfg'cZach]jUh]cb'UbX'h\Y``]hYfUhifY UggcW]UHYX'k]h\'ach]jUh]cb']b'YXiWUh]cbU``gYHn]b[g"

 $\label{eq:GYYACCXYZCFZ} GYYACCXYZCFZ ff \end{tabular} Yf \end{tabular} X'V]V^{c}[fUd\m^{\prime\prime}] \end{tabular} WcadYHYACYV]V^{c}[fUd\m^{\prime\prime}] \end{tabular} Wcd\m^{\prime\prime}] \end{tabular}$

5ggYgga Ybh& Achjj Uhjcb fYdcfh

8i Y`XUHY. '%&#\$, #&\$&&`\$).\$\$`DA

HUg_`&.`A chjj Uhjcb`fYdcfh

@Yb[h\.`&) \$\$`k cfXg

EiU`]HJHjY`UbX`eiUbHjHJHjY`ZYYXVUW_`dfcj]XYX`cb`]bY`H\fci[\`WcifgY`kYVg]HY`k]h\]b`%\$`XUmg`cZ giVa]gg]cb"

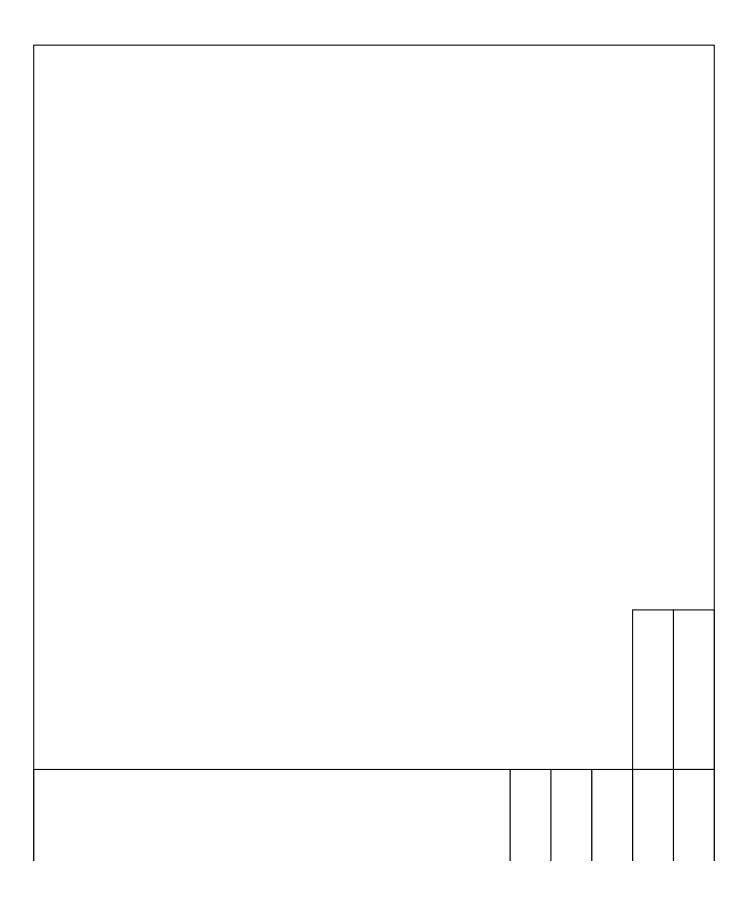
5XX]h]cbU``XYHJ]`g

FYdcfhirc U'gWkcc`žgYWrcfžX]ghf]Wrž[cjYfbaYbhXYdUfhaYbhžcf`ch\Yf`cf[Ub]gUh]cb`VUgYX`cb`mcif`UbU`mg]g

Weaaib]\WUH]cbgžcfich\YfigW\cc`icZ]\W]U`icfidc`]\WniXcWiaYbhg"'H\YifYdcfhig\ciiX'VYikf]hhYb'Ug'h\ci[\imci UfY'U'\Vebgii\UbhZcfih\YigW\cc`"

GUa d`Y`gVWbUf]cg`UbX`XUHU`k]```VY`dfcj]XYX`]b`h\Y`WUgY`h\Uhmci f`k cf_d`UVW`cf`dfYj]ci g`k cf_d`UVWg`UfY bchgi]HUY`Y"

GYY'A ccX`Y'Zcf'Z fh\Yf'XYhU]`g'cb'\ck 'hc'Wca d`YhY'h\Y'gW\cc``a chjj Uhjcb'fYdcfh'



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● 5ddfcdf]UhY`fY[]ghYf`Zcf`UWUXYa]\\#dfcZYgg]cbU``9b[`]g\					
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;YbYfU``WcaaYbhg#YWcaaYbXUh]cbg`Zcf`bYIhih]aY.`					

FYWcaaYbXYX. #&\$`fl@`DG`7F`8B`<8Ł KY][\h]b[.)\$i

B6. H\Y'HW_g']b'H\Y'j Uf]ci g'Vcl Yg'UfY'XYg][bYX'hc'dfcj]XY'ZYYXVUW_'hc'ghi XYbhg/H\Ym'UfY'bch[]j Yb Yei U``k Y][\H]b'XYHYfa]b]b['H\Y'fYWca a YbXYX'[fUXY"'8YdYbX]b['cb'H\Y'bUhi fY'cZH\Y'UggYgga YbhHUg_ž `YWhi fYfg'a Um'U`gc'WcbHYI hi U`]gY'UbX#cf'Ua YbX'H\YgY'gdYWJ]WYf]U''<u>H\Y'fYWca a YbXYX'[fUXY'']g</u> <u>HYbHUhj Y'cb`mž'gi VYWhinc`gHUbXUfX]gUH]cb'dfcWYggYg'UbX'Uddfcj U``VmH\Y'GW\cc``cZ9Xi WUH]cb'@YUfb]b[UbX'HYUW\]b['7 ca a]HYY"</u>

Gi Va]gg]cb cZ5ggYgga YbhHUg_g

Hi fb]h]b Gi Va]gg]cb

Zmci YbWci bhYf'U'dfcV'Ya 'k \Yb'UhYa dhjb['hc'gi Va]hmci f'Ugg][ba YbhN fci [\ 'Hi fb]hjbžd'YUgY hY'Yd\cbY'9I hYfbU'`Gi ddcfhcb'-',) '' ' '%cf'Ya U]`'h\Ya 'cb'YI hYfbU'hY'hgi ddcfh4 i bgk "YXi "Ui '"'Gi ddcfh \ci fg'UfY', .\$\$Ua '-'%\$.\$\$da 'cb'k YY_XUmg'UbX'-.\$\$Ua '-') .\$\$da 'cb'k YY_YbXg'fl *) 'XUmg'U'mYUfŁ'' Zmci UfY'i bUV'Y'hc'gi Va]hmci f'Ugg][ba YbhXi Y'hc'U'ZJi `hk]h\'Hi fb]hjb'mci 'a UmUdd`mZcf'Ub'YI hYbg]cbžVi hmci a i ghfYhU]b'mci f'hjW_Yhbi a VYf'Zfca '9I hYfbU'`Gi ddcfhfU'cb['k]h\ 'Ubmch\Yf'fY'Yj UbhXcW a YbhgŁhc]bWi XY'Ug'Yj]XYbWY hc'gi ddcfhmci f'YI hYbg]cb'Udd`]WUh]cb'' Zmci 'Ya U]`'9I hYfbU'`Gi ddcfhimci 'k]`` Ui hca UhjWU'`mfYWY]j Y'U'hjW_Yhbi a VYfžVi h]Zmci 'hY`Yd\cbY'mci 'k]``bYYX'hc'gdYWJZWU``mUg_'Zcf'cbY" Hi fb]hjb'U`gc'dfcj]XYg'i dXUhYg'cb'h\Y]f'gmghYa 'gfUh'g'cb'Hk]hYf"

; YbYfU``mž'UggYgga YbhHUg_g`a i ghVY`gi Va]HYX`Y`YWfcb]WU``mj]U`Y]H\Yf`Hi fb]h]b`cf`U`A ccX`Y Ugg][ba YbH'`=b`]bgHUbWfg`k \YfY`H\]g`]g`bchdcgg]V`Yž`]hk]```VY`gHUHYX`cb`mci f`Wci fgY**'**g`A ccX`Y`g]HY`k]H\ U`HYfbUh]j Y`gi Va]gg]cb`XYHU]`g"

: cf`]bZcfa Uh]cb`cb`\ck `hc`gi Va]hUgg][ba Ybhg`cb`]bY`j]U`A ccX`Y.`\hhdg.##gh XYbh'i bgk "YXi "Ui #\ck! gi Va]hUgg][ba Ybha ccX`Y

5WUXYa]W<cbYghmUbX`D`U[]Uf]ga

D`U[]Uf]ga `]g`i g]b[`h\Y`k cfXg`cf`]XYUg`cZch\Yfg`UbX`dfYgYbh]b[`h\Ya `Ug`mci f`ck b"`=h\WUb`hU_Y`a Ubm Zcfa gžZca `XY`]VYfUhY`W\YUh]b[`hc`UWW]XYbhU``mWcdm]b[`Zca `U`gci fW'k]h\ci hUW_bck`YX[Ya Ybh'

I BGK '[fci dg'd`U[]Uf]ga ']bhc 'h\Y'Zc``ck]b['WUhY[cf]Yg.

7 cdm]b[.1 g]b['th Y'gUa Y'cf'j Yfmig]a]`Uf'k cfXg'hc'th Y'cf][]bU`'hYI hcf']XYU'k]h ci hUW_bck `YX[]b['th Y gci fW cf'i g]b['ei chUh]cb'a Uf_g"'H\]g`]bWi XYg'Wcdm]b['a UhYf]U`gž']XYUg'cf'WcbW/dhg'Zfca 'U'Vcc_ž'Ufh]WYž fYdcfhcf'ch Yf'k f]hhyb `XcW a Ybhž'dfYgYbhUh]cbž'Wca dcg]h]cbž'Uffk cf_ž'XYg][bž'XfUk]b[ž'W]hfmž'Wca di hyf dfc[fUa 'cf'gcZtk UfYž'k YVg]hYž']bhyfbYhž'ch Yf'Y'YWfcb]WfYgci fW/ž'cf'Ubch Yf'dYfgcbfg'Ugg][ba Ybhk]h\ci h Uddfcdf]UhY'UW_bck `YX[Ya Ybh'

bUddfcdf]UhY`dUfUd\fUg]b[. '7 \Ub[]b[`U'ZYk`kcfXg`UbX`d\fUgYg`k\]Y`acghmfYHU]b]b[`h\Y`cf][]bU`]bZcfaUh]cbžghfi WhifY`UbX#cf`dfc[fYgg]cb`cZ]XYUg`cZh\Y`cf][]bU``k]h\ci hUW_bck`YX[YaYbh'H\]g`U`gc Udd`]Yg`]b`dfYgYbHUh]cbg`k\YfY`gcaYcbY`dUfUd\fUgYg`Ubch\Yf'g`]XYUg`cf`kcfXg`k]h\ci hWfYX]hUbX`hc d]YW]b[`hc[Yh\Yf`ei chYg`UbX`dUfUd\fUgYg`]bhc`U`bYk`k\c`Yžk]h\ci hUddfcdf]UhY`fYZYfYbW]b["

7 c``i g]cb. K cf_]b['k]h`ch`Yfg'Vi hdUgg]b['cZZh`Y'k cf_'Ug'U'dYfgcb'g']bX]j]Xi U``k cf_''7 c``i g]cb'U`gc]bWi XYg'dfcj]X]b['mci f`k cf_'hc'Ubch`Yf'gh XYbhZcf'h`Y'di fdcgY'cZh`Ya 'd`U[]Uf]g]b[ž'dUm]b['Ubch`Yf dYfgcb'hc'dYfZcfa 'Ub'UWUXYa]WhUg_ž'ghYU`]b['cf'UWéi]f]b['Ubch`Yf'dYfgcb'g'UWUXYa]Wk cf_'UbX'Wcdm]b[

5WUXYa]W=bZcfaUh]cb

8iY'hc'Yjc'j]b['UXj]WY'VmBGK '<YU'h\žghiXYbhg'aigh'W\YW_'Zcf'idXUhYX']bZcfaUh]cb'fY[UfX]b['cb`]bY 'YUfb]b['Zcf'U``5fhgž'8Yg][b'UbX'5fW\]hYWhifY'WcifgYg'h\]g'hYfa'f]]U'AccX`Y'cf'WcifgY']bZcfaUh]cb dfcj]XYX''Ł

: cf^{*}YggYbhJU^{**}gh XYbh^{*}]bZcfa UhJcb^{*}fY^{*}UhJb[^{**}hc.

- fYei Yghg Zcf Yl hYbg]cb/
- `UhY`gi Va]gg]cbg`[i]XY`]bYg/
- fYj]Yk 'cZa Uf_g/
- I BGK '<YU`h\`UbX'GUZYhmidc`]WjYg/
- YI Ua]bUh]cb'dfcWYXi fYg/
- •