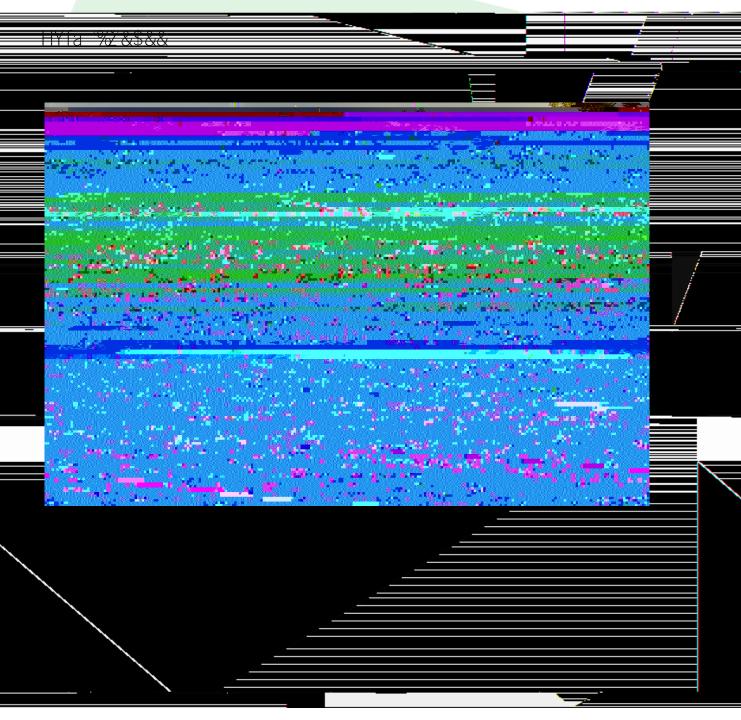
# **CVEN9625**

# : i bXUa YbłU`g`cZK UłYf'9b[]bYYf]b[



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CVEN9625 // Term 1, 2022 // published at 09-02-2022 © UNSW Sydney, 2022

# 7ci fgY<sup>·</sup>Cj Yfj ]Yk

## GHJZZ7cbHJWh78YHJ]`g

#### 7cbj Ybcfg

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### GWXcc``7cbHJWhi=bZcfaUh]cb

<u>9b[]bYYf]b[\_Gh XYbhGi ddcfhGYf] ]Wg</u>-H\YBi WYi g'!Ybfc`a Ybhždfc[fYgg]cb'WXYW\_gžWUg\fYei Yghgž Wci fgY`]ggi Yg`cf`dfc[fUa !fY`UhYX'ei Yf]Yg`

<u>9b[]bYYf]b[`⊕Xi glf]U`HfU]b]b[</u>`–`⊕Xi glf]U`'HfU]b]b[`ei Ygl]cbg`

LBGK Gh Xm5VfcUX - gh XmUVfcUX gh XYbhYbei ]f]Yg flcf ]bVci bX gh XYbhgŁ

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

Ghi XYbhgʻUfYʻYI dYWhYXʻhcʻdfoj ]XYʻVf]YZUbXʻhcʻh\Yʻdo]bhUbgk Yfgʻhcʻh\Yʻei Ygh]obg"`5ʻVf]YZX]gW gg]obʻob h\YʻX]ghf]Vi h]obʻZ]hh]b[ʻUbXʻh\YʻgYʻYWh]obʻoZUddfodf]UhYʻX]ghf]Vi h]obʻ]gʻYI dYWhYX"ʻ=Zigoa Yʻ]bZofa Uh]obʻ]g a ]gg]b[ʻofʻbohWYUfzi]hig\oi `XʻVYʻghUhYXʻWYUfʻm]bʻh\YʻUgg][ ba Ybh''H\YʻUggYgga Ybhik ]``VfoUX`mVYʻVUgYX obʻmci fʻi bXYfghUbX]b[ʻoZh\Yʻgi VYWhUbXʻUbgk Yfgʻhcʻh\Yʻei Ygh]obg"

#### 5ggYgga Ybh' . 5gg][ ba Ybh&

GHJfh'XUhY. '%( #\$( #&\$&&'%&.\$\$'DA Gi Va ]gg]cb'bchYg. 'Gi Va ]gg]cbg'k ]``'VY'j ]U'A ccX'Y 8i Y'XUhY. '&\* #\$( #&\$&&'\$-.\$\$'5A A Uf\_g'fYh fbYX. ''9bX'cZHYfa

H\]gʻUgg][ ba YbhWcbg]ghgʻcZUʻgYf]YgʻcZei Ygh]cbgʻZica `h\Y`\mXfUi `]W`YWi fYgʻhcʻUggYggʻmci f`\_bck `YX[ Y UbX`hYW\b]ei Ygʻhcʻei Ubh]Zm`YbYf[ m`cggYgʻUbX`Zck gʻh\fci [ \`d]dYgʻUbX`W\UbbY`g"

H\]g`]g`bchU`Hi fb]hjb`Ugg][ ba Ybh

#### 5ggYgga YbhWf]hYf]U

E i Ygh]cbg'k ]```VY'UggYggYX'U[U]bghih,Y]f'i bXYfgHUbX]b['cZh\Y'h\YcfmcZZi]X'Zck 'UbX'h\Y'UggcWJUh/X Uggi a dh]cbg']b'h\Y'Udd`m]b['h\Y'h\Ycfm'``H\Y'Ugg][ba Ybhk]``Wcbg]ghcZU'gYf]Yg'cZWU'W 'Uh]cbg'UbX ghi XYbhg'UfY'YI dYWhYX'hc'dfcj]XY'Vf]YZUbX'hc'h\Y'dc]bhUbgk Yfg'hc'h\Y'ei Ygh]cbg'Ug\_YX"``H\Y'UggYgga Ybh k]``VY'VfcUX`mVUgYX'cb'h\Y]f'i bXYfgHUbX]b['cZh\Y'gi V'YWiUbX'Ubgk Yfg'hc'h\Y'ei Ygh]cbg'Ug\_YX"

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

Ghi XYbhgʻUfYʻYI dYWhYXʻhcʻdfcj ]XYʻVf]YZUbXʻhcʻh\Yʻdc]bhUbgk Yfgʻhcʻh\Yʻei Ygh]cbgʻUg\_YX"`H\YʻUggYgga Ybh k ]```VfcUX`m'YY`VUgYXʻcbʻh\Y]fʻi bXYfghUbX]b[ʻcZh\Yʻgi VYWhUbX`Ubgk Yfgʻhcʻh\Yʻei Ygh]cbgʻUg\_YX" Ghi XYbhgʻk ]```VY`UggYggYX`U[U]bghih\Y]fʻi bXYfghUbX]b[ʻcZh\Yʻh\YcfmcZZi ]X`Zck `UbXʻh\Y`UggcW]UhYX Uggi a dh]cbgʻ]b`Udd`m]b[ʻh\Yʻh\Ycfm"

#### 5ggYgga Ybh(::]bU`9l Ua

GHJfh'XUHY. 'GYY'9I Ua 'Ha YHUV'Y Gi Va ]gg]cb'bcHyg. 'GYY'A ccX'Y'Zcf'XYHU]`g']bWi X]b[ 'YI Ua 'XUHY 8i Y'XUHY. 'GYY'9I Ua 'Ha YHUV'Y

91 Ua ]bUh]cb`cZh\Y`Ybh]fY`a UhYf]U``Wcj YfYX`]b`h\Y`Wci fgY

#### <i fX`Y`fYei ]fYa Ybh

5 'a Uf\_'cZUh`YUgh'(\$i `]b`h\Y`ZbU``YI Ua ]bUh]cb`]g`fYei ]fYX`VYZcfY`h\Y`WUgg`k cf\_`]g`]bWi XYX`]b`h\Y`ZbU` a Uf\_"

# 5HYbXUbW/FYei]fYaYbhg

Ghi XYbhgʻUfYʻghfcb[`mYbWci fU[YX'hcʻUhhYbX'U```WUggYgʻUbX'fYj]Yk ``YWhi fYʻfYWcfX]b[g"

### 7 ci fgY GWX YXi `Y

5 'hUV'Y 'cZ'YWi fYg'UbX'k cf\_g\cdg'cf'dfUWjWU' WUgg'hcd]Wg'Zcf'YUWX 'k YY\_']g'dfcj ]XYX'VY`ck "``H\]g hUV'Y ']bX]WUH'g 'h Y bUa Y cZ'YWi fYf']bj c'j YX'fk \YfY'a i `h]d'Y `YWi fYfg'hYUWX]b[ ']b'Wci fgYŁżcb`]bY UWjj ]h]Ygżgi WX 'Ug'X]gWi gg]cb'Zcfi a gž'UbX'fY`Yj UbhfYUX]b[ g'Zfca 'HYI H/cc\_'UbX'ch\Yf'fYZ'fYbWY a UHYf]U` ]XYbh]Z]YX'Zcf'h\Y'Wci fgY"``7`Ugg'k ]``VY'\Y`X'cb'H\i fgXUmZfca '%&!' 'k ]h\'k cf\_g\cdg'fi bb]b[ 'Zcf'Ub'\ci f ]a a YX]UHY'mh\YfYUZHYf"

# 8 UHY @YWhifY'7cbhYbh @YWhifYf [5gg][ba Ybh fk YY\_ WcaaYbWjb[Ł %+#\$&#&\$&& =€hfcXiWfcbihci5ighfU`]Ubi\mXfc`c[miUbXiWUHWaYbh 5G Cb`]bY'ei]n'% fK YY\_'%Ł dfc₩ggYgž 5gg][ba Ybh%]ggi YX fU]bZJ```UbX`qlfYUa Zck 'a YUqi fYa YbhlhYWkb]ei Y/ =bhfcXiWhjcbihci9jUdcfUhjcb &(#\$&#&\$&& 'fK YY\_'&Ł

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## FYgci fWg

#### FYWca a YbXYX FYgci fWYg

H\YfY`]g'bc'hYI hVcc\_'Zcf'h\]g'Wci fgY'Vi h'U'bi a VYf'cZfYWca a YbXYX'fYZYfYbWf'Vcc\_g'Zcf'h\]g'Wci fgY'UfY ]bX]WUhYX'VY`ck '! 'h\YfY'k]``'VY'Z fh\Yf'fYWca a YbXYX'fYUX]b[ ']bX]WUhYX'k]h\]b'h\Y``YWfi fY'bchYg'UbX Wci fgY'XY`]j Yfm

# Gi Va ]gg]cb cZ5ggYgga YbhHUg\_g

D`YUgY`fYZYf`hc`h\Y`A ccX`Y`dU[Y`cZh\Y`Wci fgY`Zcf`Z fh\Yf`[i]XUbWY`cb`UggYgga Ybhigi Va]gg]cb"

#### I BGK `\Ug'U'gHUbXUfX``UhY'gi Va ]gg]cb'dYbU`hmcZ

 )ı 'dYf'XUmž'Zcf'U``UggYgga Ybhg'k \YfY'U'dYbU'miUdd`]Ygž'WUddYX'Uh'Z]j Y'XUmg'f%&\$'\ci fgŁz'UZhYf k \]W\'U'ghi XYbh'WUbbchigi Va ]hUb'UggYgga Ybhž'UbX'bc'dYfa ]hhYX'j Uf]Uh]cb"

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

6Yk UfY\*\*5b\*Ugg][ba Ybhh\Uh]bWi XYg\*d\*U[]Uf]gYX\*a UhYf]U\*\*k]\*\*\*fYWY]jY\*U\*\$i=\*\*\*U]\*žUbX\*ghi XYbhg\*k \c d\*U[]Uf]gY\*a UmZu]\*\*h\Y\*Wci fgY\*\*\*Ghi XYbhg\*k \c\*d\*U[]Uf]gY\*UfY\*U\*gc\*\*]UV\*Y\*hc\*X]gW]d\*]bUfmUWf]cbž\*]bWi X]b[ YI Wi g]cb\*Zfca \*Ybfc\*a Ybh

D`U[]Uf]ga `]g`h\Y`i gY`cZUbch\Yf`dYfgcb'g`k cf\_`cf`]XYUg`Ug`]Zh\Ymk YfY`mci f`ck b"`K \Yb`]h]g`bYWyggUfmcf XYg]fUV`Y`hc`i gY`ch\Yf`dYcd`Y'g`a UhYf]U``mci `g\ci `X`UXYei UhY`mUW\_bck `YX[Y`k \cgY`k cfXg`cf`]XYUg`h\Ym