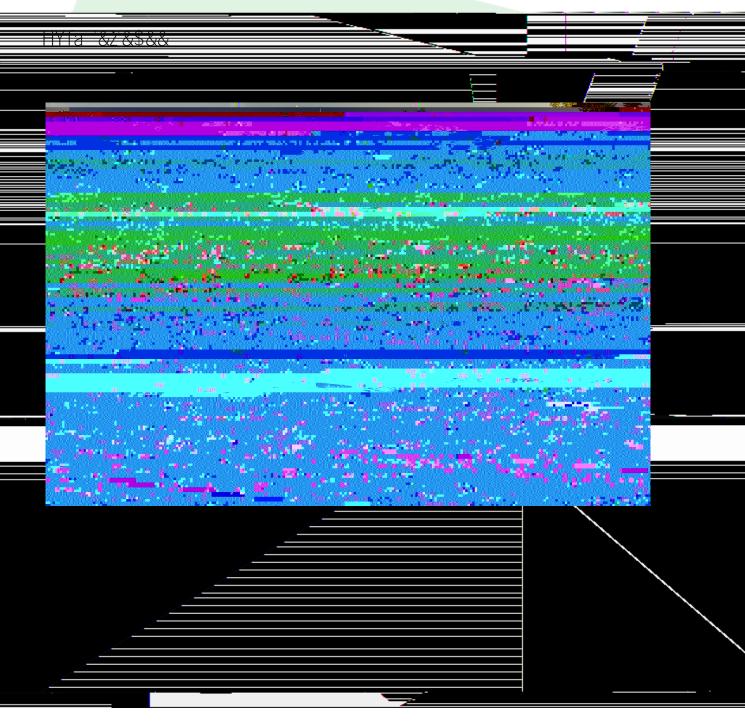
# **CVEN2701**

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CVEN2701 // Term 2, 2022 // published at 27-05-2022 © UNSW Sydney, 2022

## 7ci fgY<sup>·</sup>Cj Yfj ]Yk

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## 7 cbj Ybcfg

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H\Y'cb`]bY'Wbgi g!ei ]n`f) ı Łk ]``VY'i d`cUXYX'cb'I BGK 'A ccX`Y'cbY'k YY\_'df]cf'hc'h\Y'Xi Y'XUhY a Ybh]cbYX'UVcj Y"'Ghi XYbhg'Wb'UhhYa dhih.]g'ei ]n`]b'h\Y]f'ck b'h]a Y'k ]h\]b'h\UhcbY!k YY\_'dYf]cX'cbW"''H\Y cb`]bY'a ]X!hYfa 'ei ]n`f&\$i Ł\ck Yj Yfž'k ]``cb`mVY'Uj U]`UV`Y'Uhh\Y'XYg][ bUhYX'h]a Y'Ug'a Ybh]cbYX'UVcj Y"

6ch Wybgi glei ]n UbX'a ]XIHYfa 'ei ]n a Um\Uj Y'g\cfHUbgk Yfža i `h]d`Y'W\c]WYžHfi YIZU`gYžZ]```]b'H\Y'V`Ub\_g UbX#cf`WU`W `Uh]cb!VUgYX'ei Ygh]cbg" D`YUgY'Ybgi fY'H\Uhmci f`Wca di HYf`]g'I BGK 'A ccX`Y'Wca dUh]V`Y VYZcfY'UHHYa dh]b[ 'H\Y'ei ]nnYg" D`YUgY'W\YW\_'H\Y'Zc``ck ]b[ ``]b\_'Zcf`gmgHYa 'fYei ]fYa YbHZcf`I BGK 'A ccX`Y UbX'ch\Yf`]bZcfa Uh]cb'cb'I BGK 'A ccX`Y"

#### \hhdg.##accX`Y"hY`h"ibgk"YXi"Ui#

D`YUgY`]bZcfa`h\Y`WcifgY`WccfX]bUhcf#YWfifYf`]a a YX]UhY`m`]Zmci`UfY`bchUV`Y`hc`hU\_Y`h\Y`ei]n`]b`h\Y U``chhYX`h]a Y`cf`fY[UfX]b[`UbmiWca di h]b[`dfcV`Yag"

GHJfh'XUHY. %(#\$+#&\$&&`\$(.%) DA Gi Va ]gg]cb'bchYg. H\]g']g'Ub'cb`]bY'gi Va ]gg]cb" 8i Y'XUHY. %(#\$+#&\$&&`\$).%) DA 8YUX`]bY'Zcf'UVgc`i HY'ZJ]`. %(#\$+#&\$&& A Uf\_g'fYh fbYX. %(#\$+#&\$&&

A UHYf]U`g`]b`L b]hg`%`UbX`&`hc`VY`UggYggYX"

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

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H\]g`]g`Ub`cb`]bY`UggYgga YbhUbX`]g`cdYb`Vcc\_"

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

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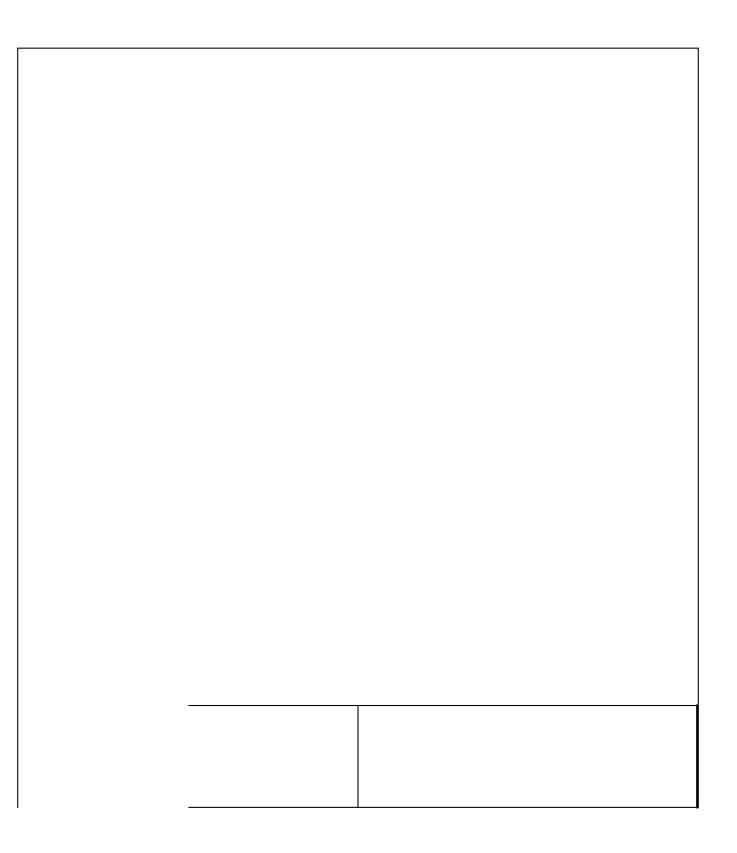
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#### 5ggYgga Ybh'\#]hYf]U

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

5 a Uf\_'cZUh`YUghi(\$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\_"



## FYgci fWfg

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### FYWca a YbXYX FYgci fWYg

• 5XX]h]cbU``a UhYf]U`g`dfcj ]XYX`cb`A ccX`Y"

## 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"

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6Yk UfY\*\*5b\*Ugg][baYbhtkUh]bWi XYg\*d\*U[]Uf]gYX\*a UhYf]U\*\*k]\*\*\*fYWY]jY\*U\*\$i \*\* U]\*z\*UbX\*ghi XYbhg\*k \c d\*U[]Uf]gY\*a UmZJ]\*\*hX\*Wci fgY\*\*Ghi XYbhg\*k \c\*d\*U[]Uf]gY\*UfY\*U\*gc\*\*]UV\*Y\*hc\*X]gW]d\*]bUfm\*UWf]cbz\*]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`bYWfggUfmcf XYg]fUV`Y`hc`i gY`ch\Yf`dYcd`Y'g`a UhYf]U``mci `g\ci `X`UXYei UhY`m`UW\_bck`YX[Y`k \cgY`k cfXg`cf`]XYUg`h\Ym UfY`UbX`k \YfY`mci `Zci bX`h\Ya `f[]j ]b[`h\Y`Wca d`YhY`fYZYfYbWf`XYHJ`gž`]bWi X]b[`dU[Y`bi a VYffg\z"H\Y

## 5ddYbX]I. '9b[]bYYfg'5ighfU`]U'f195ŁDfcZYgg]cbU`'9b[]bYYf'7cadYhYbWm GHJbXUfX

Dfc[fUa +bhybXYX @YUfb]b[ Cihwca Yq ? bck `YX[ Y 'UbX'q\_]``'VUqY D9%"%7cadfY\Ybq]iYžh\YcfmVUqYXibXYfqHUbX]b[cZh\YibXYfd]bb]b[bUhifU`UbX d/mg]WU`:gW]YbWYg`UbX`h\Y`Yb[]bYYf]b[`Z bXUa YbHU`g`Udd`]WUV`Y`hc`h\Y`Yb[]bYYf]b[`X]gW]d`]bY D9%"& 7 cbW/dhiU`i bXYfqHUbX]b[ cZh\Y`a Uh\Ya Uh\Wažbi a Yf]WU`UbU`mg]qžqHUh|qh\WažUbX Weadi hYf'UbX']bZcfaUh]cb'gW]YbWYg'k\]WX'i bXYfd]b'h\Y'Yb[]bYYf]b['X]gW[d`]bY D9%" + + XYdh i bXYfqHbX]b[ cZqdYWU`]qhVcX]YqcZ bck YX[Yk]h bhY'Yb[]bYYf]b[ X]qWd`]bY D9%"('8]qWFfba YbhcZ\_bck YX[YXY]Ycda YbhUbXfYqYUfWXX]fYWfcbg'k ]h.jb'h.Y Yb[]bYYf]b[`X]gWJd`]bY D9%") ? bck `YX[Y`cZYb[]bYYf]b[ `XYg][b`dfUW]WY`UbX`WcbhYl hi U``ZJW/cfg`]a dUWf]b[ `h\Y Yb[]bYYf]b['X]qW[d`]bY D9%"\* I bXYfqHJbX]b[ cZh\Y'qWcdYždf]bW]dYgžbcfa gžUWVci bHJV]]]h]Yg'UbX'Vci bXg'cZ qi qHU]bUV`Y`Yb[]bYYf]b[`dfUWfWY`]b`H\Y`qdYW[Z]WX]qW[d`]bY 9b[]bYYf]b['Udd`]WUhcb'UV]`]hm D9&"%5dd`]WUhjcb`cZYghUV`]g\YX'Yb[]bYYf]b[`a Yh\cXg`hc`Wca d`YI 'Yb[]bYYf]b[`dfcV`Ya qc`i]b[ D9&"&: `i YbhUdd`]WUhcb'cZYb[]bYYf]b[ 'hYWkb]ei Ygžhcc`g'UbX'fYgci fWfg D9&" 5dd`]WUhjcb`cZgmghYa UhjWYb[]bYYf]b[`gmbh\Yg]g`UbX`XYg][b`dfcWYggYg D9&"( '5dd`]WUHcb'cZgmghYaUHWUddfcUWXYg'hc'h\Y'WcbXiWiUbX'aUbU[YaYbhcZYb[]bYYf]b[ dfc Y₩q DfcZYgg]cbU`UbX dYfgcbU`Uhf]Vi hYg D9' "%'9h\]WU``WcbXi WiUbX'dfcZygg]cbU``UVWci bHUV]`]hm D9' "&'9ZYW)j Y'cfU`'UbX'k f]HYb'Wca a i b]WUh]cb']b'dfcZygq]cbU`'UbX'`UmXca U]bg D9' "' 7 fYUhi Yžibbci Uhi YUbX dfc!UWi YXYa YUbci f D9' "( 'DfcZygg]cbU``i gY'UbX'a UbU[ Ya YbhcZ]bZcfa Uhcb D9' ") CfXYfma UbU[Ya YbhcZgYZzUbX dfcZygq]cbU`WcbXi Wh D9' "\* 9ZYWAJ Y HYUa 'a Ya VYfg\]d UbX HYUa 'YUXYfg\]d