## 7 ci fgY<sup>-</sup>Cj Yfj ]Yk

## `GHJZZ`7cbHJWh`8YHJ]`g`

## '7cbj Ybcfg'

BUa Y	9a U]`	5j U]`UV]`]m	@cWUhjcb	D∖cbY
A]WXUY`` <ccdyf< td=""><td>a "\ccdYf4 i bgk "YXi "Ui</td><td>6miUddc]bha Ybh</td><td>FK '%%(</td><td></td></ccdyf<>	a "\ccdYf4 i bgk "YXi "Ui	6miUddc]bha Ybh	FK '%%(	

## GWXcc``7cbHJWhi+bZcfaUh]cb

Fcca '' &z Yj Y '' FcVYfrK YVghYf 6i ]X]b[

D\cbY.'f\$&Ł'-',)'(,)\*

9a U]`. <u>gUa 4 i bgk "YXi "Ui</u>

K YVg]hY. <u>http://thtt</u>

H\Y'GW\cc``cZh\Y'5fhg'UbX'AYX]U'k ci `X``]\_Y'hc'FYgdYWMZ ``m5W\_bck `YX[Y'h\Y'HfUX]h]cbU``7ighcX]Ubgž h\Y'6YXY[U``fPYbg]b[hcb'WUa digŁž; UX][U``f7]hm'UbX'5fh/ '8Yg][b'7Ua digYgŁ'UbX'h\Y'B[ibbUk U` dYcd'Y'fБighfU`]Ub'8YZYbW': cfW'5WUXYam']b'7UbVYffUŁ'cZh\Y``UbXg'k\YfY'YUW\'WUa dig'cZIBGK ']g `cWUhYX"

#### MUSC3802 Term 3, 2019 published at 25-07-2019 // $\odot$ University of New South Wales, 2019

## 7ci fgY<sup>·</sup>8YHJ]`g

## 7 fYX]hDc]bhg<sup>·\*·</sup>

## Gi a a UfmcZh\Y'7ci fqY

# GiVYWhi5fYU."?ge[U

=b:h]g:Wci fgY:mci :k]```YUfb:U`fUb[Y'cZglfUhY[]Yg'Zcf'ZcW'g]b[`cb'a i g]W]b'XYhU]`"'Nci :k]``VY'hUi [\h\ck hc:UbU`mY'a i g]W]b'U'gi ghU]bYX'UbX'dUfh]W`Uf'a UbbYf"A cfY'VfcUX`mž'mci :k]``[U]b'U'VYhYf i bXYfghUbX]b[`cZgca Y'cZh\Y'dfcV'Ya g'!cZhYV&b]ei Yž'cZYI dYf]YbWfž'cZXYgWf]dh]cb'!'h\Uha ch]j UhY'a i g]W UbX`]hg`UbU`mg]g"'Gc`]b'UXX]h]cb'hc`gdYV]Z]Wk Umg'cZUbU`mn]b[`a i g]Wft\Y'Wci fgY'k]``]bWi XY'X]gW gg]cbg'cZ fYUX]b[g'h\UhUfY'fY'Yj Ubhhc'YUW\'a Yh\cX"'5hh\Y'YbX'cZhY'Wci fgY'mci 'k]``\Uj Y'U'[ccX'[fci bX]b[`]b

h,Y'dfUWi(WU`g\_)`g`bYYXYX hc`UbU`mY'a i g)WzUbX`]b`UbU`ng]g`Ug`Ub']bhY``YWi U`di fgi ]h'

## 7cifgY@YUfb]b[CiHWcaYg

%"5dd`mXYHJ]`YX`kcf\_]b[`\_bck`YX[Y`cZUb`UbU`mh]WU``aYH\cX" &"8YacbgHUHY`H\Y`g][b]Z]WUbWY`cZaU\_]b[`X]gW]d`]bYX`XYW]g]cbg`k\Yb`ibXYfHU\_]b[`Ub`UbU`mg]g" '"IbXYfqHUbX`H\Y``]a]hq`cZUb`UbU`mh]WU``aYH\cX`UbX`Ufh]Wi`UHY`H\cqY``]a]hq`H\fci[\`U`WUqY`qhiXm"

## HYUWX]b[ GhfUhY[]Yg

H\Y`YWi fY`k]```]blfcXi WY`h\Y`YggYbljU``UgdYWg`cZYUW\`UbU`mi]WU``a Yh\cXžhc`dfcj]XY`U`VUg]g`Zcf`Z fh\Yf X]gW gg]cb`]b`h\Y`h`hcf]U`gžUbX`hc`dfcj]XY`h\Y`VUg]W\_bck`YX[Y`Zcf`h\Y`UggYggaYbh'`H\Y`h`hcf]U``h]a Y`k]`` VY`X]j]XYX`VYlk YYb`gh`XYbh`YX`dfYgYbhUh]cb#X]gW gg]cb`cZfYUX]b[g`UggcW]UhYX`k]h`Ub`UbU`mi]WU` hYW\b]ei Y`fU``]ghk]``VY`dfcj]XYXŁžUbX`U`X]gW gg]cb`cZh\Y`WcadcbYbhg`cZh\Y`dcfhZc`]c`cZUbU`mgYgž hc[Yh\Yf`k]h`Ub`cddcfh`b]mihc`dfUWjWY`UbU`mi]WU``hYW\b]ei Y''`H\Y`U]a`cZh\Y`h`hcf]U``]g`hc`[]jY`gh`XYbhg`U W\UbWY`hc`Xc`qcaY`f\UbXq!cbfkcf`]b`h\Y`qUaY`Zcfia`]b`k \]W\X]qW`qq]cbq`UfY`U`qc`hU\_]b[`d`UWY''

## 5ggYgga Ybh

### GYY A ccX`Y

## 5ggYgga YbhHUg\_g

5ggYgga YbhHJg_	K Y][∖h	8iY`8UHY	GhiXYbhi@YUfb]b[ CihWcaYgʻ5ggYggYX
5bU`mg]g`=	' \$I	&) #%\$#&\$%- `\$).\$\$`DA	%ž&Ž
5bU`mg]g'=	')।	%%#%\$#&\$%-`\$).\$\$`DA	%ž&Ž
5bU`mg]g`==	')I	&&#%#&\$%-`\$).\$\$`DA</td><td>%ž&Ž</td></tr></tbody></table>	

### 5ggYgga Ybh8YHJ]`g

5ggYgga Ybh% 5bU`mg]g =

#### GhUfhXUhY. Bch5dd`]WUV`Y

8YHJ]`g. ; fUd\]Wk.cf\_`Uddfcdf]UHY`hc`h\Y`a YH\cXžUbX`U`ZcWigYX`YI d`UbUH]cb`]b`dfcgY`cZbc`a cfY`h\Ub %\$\$\$`k.cfXg"Ghi XYbhg`k]``fYWY]j Y`k.f]HYb`ZYYXVUW\_`UbX`U`a Uf\_"

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

#### GYY'A ccX`Y

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

#### 5ggYgga Ybh& 5bU`mg]g =

#### GHUfh'XUhY.

8YHU]`g. ; fUd\]Wk.cf\_`Uddfcdf]UHY`hc`h\Y`a YH\cXžUbX`U`ZcWigYX`YI d`UbUH]cb`]b`dfcgY`cZbc`a cfY`h\Ub %\$\$\$`k.cfXg"Ghi XYbhg`k\_]``fYWY]j Y`k.f]HYb`ZYYXVUW\_`UbX`U`a Uf\_"

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

#### GYY'A ccX`Y

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

#### 5ggYgga Ybh' . 5bU`mg]g =

#### GHUfh'XUhY.

8YHJ]`g.; fUd\]Wk.cf\_`Uddfcdf]UHY`hc`h\Y`a YH\cXžUbX`U`ZcWigYX`YI d`UbUH]cb`]b`dfcgY`cZbc`a cfY`h\Ub %\$\$`k cfXg"Ghi XYbhg`k]```fYWY]j Y`k f]HYb`ZYYXVUW\_`UbX`U`a Uf\_"

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

### GYY A ccX`Y

Hi fb]h]b`gYh]b[.`H\]g`]g`bchU`Hi fb]h]b`Ugg][ ba Ybh

## Gi Va ]gg]cb cZ5ggYgga YbhHUg\_g

## 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 Ybhih\fci [ \ 'Hi fb]hjbž'd'YUgY hY'Yd\cbY'9I hYfbU''Gi ddcfhicb'- ', ) '' ' %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`m'Zcf'Ub'YI hYbg]cbž'Vi 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 YbhgEhc ]bWi XY'Ug'Yj ]XYbWY hc'gi ddcfhimci 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 VYfž'Vi 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 'gfUhi g'cb'Hk]hYf"

; YbYfU`mžUggYgga YbhHUg\_gʻa i ghVYʻgi Va ]hhYXʻY`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.##ghi 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"`+i\WUb`hU\_Y`a Ubm Zcfa gžZfca `XY`]VYfUhY`W\YUh]b[ 'hc`UVW]XYbhU``mWcdm]b[ 'Zfca `U`gci fWf`k ]h\ci hUW\_bck `YX[ Ya Ybh'

IBGK '[fcidg'd`U[]Uf]ga ']bhc'h\Y'Zc``ck]b['WUhY[cf]Yg.

7 cdm]b[..'i g]b['h\Y'gUa Y'cf'j Yfmig]a ]`Uf'k cfXg'hc'h\Y'cf][]bU``hYI h'cf']XYU'k ]h\ci hUW\_bck `YX[]b['h\Y gci fW'cf'i g]b['ei chUh]cb'a Uf\_g"'H\]g'U`gc'Udd`]Yg'hc']a U[Ygž'UfhUbX'XYg][b'dfc'YWrgž'Ug'k Y```Ug dfYgYbhUh]cbg'k \YfY'gca YcbY'dfYgYbhg'Ubch\Yf'g']XYUg'cf'k cfXg'k ]h\ci hWfYX]h"

=ðUddfcdf]UhY`dUfUd\fUg]b[..7\Ub[]b[`U`ZYk`k cfXg`UbX`d\fUgYg`k \]`Y`a cghmfYhU]b]b[`h\Y`cf][]bU` ghfi Whi fY`UbX#cf`dfc[fYgg]cb`cZ]XYUg`cZh\Y`cf][]bU`ž`UbX`]bZcfa Uh]cb`k]h\ci hUW\_bck`YX[Ya Ybh`H\]g`U`gc Udd`]Yg`]b`dfYgYbhUh]cbg`k \YfY`gca YcbY`dUfUd\fUgYg`Ubch\Yf\*g`]XYUg`cf`k cfXg`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[ 'cZh 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 XYbhVYZcfY'h Y'Xi Y'XUHYžcf'Zcf'h Y'di fdcgY'cZh Ya d`U[ ]Uf]g]b[ 'UhUbmh]a Yž'dUm]b[ 'Ubch Yf'dYfgcb'hc'dYfZcfa 'Ub'UWUXYa ]WhUg\_žghYU`]b[ 'cf'UWei ]f]b[ Ubch Yf'dYfgcb'g'UWUXYa ]Wk cf\_'UbX'Wcdm]b[ ']hž'cZYf]b[ 'hc'Wca d`YhY'Ubch Yf'dYfgcb'g'k cf\_'cf'gYY\_]b[ dUma YbhZcf'Wca d`Yh]b[ 'UWUXYa ]Wk cf\_"

=bUddfcdf]UhY`W]hUh]cb.`7]h]b[`gcifWYg`k\]W\`\UjY`bchVYYb`fYUXžk]h\cihUW\_bck`YX[]b[`h\Y`~gYWcbXUfm~ gcifWY`Zfca`k\]W\`\_bck`YX[YcZh\Ya`\Ug`VYYb`cVhU]bYX"

8id`]WUh]cb`fl'gY`Zld`U[]Uf]ga "Ł`gi Va]hh]b[`mcif`ckb`kcf\_ž`]b`k\c`Y`cf`]b`dUfhž`k\YfY`]h\Ug`dfYj]cig`m VYYb`dfYdUfYX`cf`gi Va]hhYX`Zcf`Ubch\Yf`UggYggaYbhcf`WcifgY`UhIBGK`cf`Ubch\Yf`ib]jYfg]hm"

7 cffYWhfYZYfYbWjb[dfUWfjWYg.

• DUfUd\fUg]b[žgi a a Uf]g]b[žYggUmk f]h]b[ 'UbX'h]a Y'a UbU[ Ya Ybh

## 5₩UXYa]WiŧoZcfaUh]cb<sup>°</sup>

: cf'YggYbhJU``ghi 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`]W}Yg/
- YI Ua ]bUh]cb^dfcWYXi fYg/
- gdYWJU`Wcbg]XYfUh]cb`]b`h\Y`Yj YbhcZ]``bYgg`cf`a ]gUXj Ybh fY/
- gh XYbhYei ]mUbX`X]gUV]`]m/
- UbX'ch\Yf'YggYbh]U``UWUXYa ]W]bZcfa Uh]cbž'gYY

<u>htdg.#k k k "Ufng"i bgk "YXi "Ui #W ffYbHgh XYbhg#UWUXYa ]W]bZcfa Uh]cb#dfchcWc`g![i]XY`]bYg#</u>

⊨a U[Y<sup>·</sup>7fYX]h

A <

7F=7CG

7F=7CG'Dfcj]XYf'7cXY.'\$\$\$-,;