

# ARTS3820

<ck 'hc'ghUfhiU'fYj c'i h]cb.'UW]j ]ga ž'gcW]U`a cj Ya Yb]g'UbX  
dc`]h]WU`WXUb[ Y

HVLb\_ '2.2.2.2.2

7ci fgY`Cj Yfj ]Yk

GhJZZ'7cbhJWw'8YhU]`g

7cbj Ybcfg

BUa Y	9a U]`	5j U]`UV]`]m	@cWWh]cb	D\cbY
B]W_`5dc]Zg	<a href="#">b"Udc]Zg4 i bgk "YXi "Ui</a>		A 6`%*%	

Hi hcfg

BUa Y	9a U]`	5j U]`UV]`]m	@cWWh]cb	D\cbY
5bUghUg]U`A i fbYm	<a href="#">U"a i fbYm# i bgk "YXi "Ui</a>			

GWx cc``7cbhJWw#bZcfa Uh]cb

5W\_bck`YX[ Ya YbhcZ'7ci blfm

I BGK`5fjz8Yg][ b'UbX'5fWk]fYWi fY?Ybg]b[ hcb'UbX'DUXX]b[ hcb'Wla di gYg'UfY'Vi ]hcb'5Vcf][ ]bU`

# 7ci fgY'8YHJ`g

I b]hg'cZ7fYX]h\*`

Gi a a UfmicZħY'7ci fgY

<ck'hc'ghUfhiU'fY] c'i h]cb'UbX'WU'Ub[ Y'ħY'k c'fX3' ħ'U'k c'fX'cZ[ fck ]b[ ' ]bYei U']mžYbj ]fcbā YbHU' dc'`i h]cbž UbX'WēbZ]Wih]g'ei Ygh]cb'gY'Ya g'a c'fY'ja dcfhUbhħUb'Yj Yf'` ħ'ħ]g'Wēi fgYžmēi 'Yi Ua ]bY'ħ]g'ei Ygh]cb Žca 'U'Dc' ]h]Wg' UbX' ħ'f'fbUh]cbU' F'Y'Uh]cbg'dYfgdY'W]j YžYi Ua ]b]b[ 'dfcW'ggYg'cZ'UbX'ħY'UW'c'fg' ]bj c'j YX ]bždc' ]h]W' WU'Ub[ Y'': fca 'ħY' , a Yħc' a c'j Ya Ybħž'ħ'6'UW\_@j Yg'A UħY'fž'ħ'ħY'5'ħF ][ \ħž'ħ'ħY'5'fUV gdf]b[ 'dfc'Y'ghg' UbX' C'W'W' dm'UbX' ħ'X][ bUXc'a c'j Ya Ybħg. U'`U'fci bX'ħY'k c'fX'W]h'Ybg'UfY a cV] ]g]b[ žgca Y'VY'W]i gY'ħY'mk Ubhdc' ]h]W' WU'Ub[ Yž'c'ħY'fg'VY'W]i gY'ħY'mk Ubh'c' a U]bHU]b'ħY'ghU]i g ei c'`K \U]h]g' WU'Ub[ Y3'K \m'Xc'gca Y'dYcd'Y'k Ubh'fUX]W' UbX'c'ħY'fg'a cXY'fU'ħ' WU'Ub[ Y3'K \U]h'Yi d'U]bg ħY'gi W'W'gg'cZUX] cW'U'Y'g'Zc'f'bcbl'WU'Ub[ Yž'`Y'`ħY'ghU]i g'ei c3'K \U]h'Z'U'cZ'WU'Ub[ Y'Xc'dc' ]h]W' U'W'c'fg' gYY\_`ħ' U'W'Y]j Y3' ħ'ħ]g'Wēi fgY'mēi 'k ]`Z' fħY'f'Yi d'c'fY'ħY'gY'ei Ygh]cbg'Wēa dUf]b[ 'dfcW'ggYg'cZdc' ]h]W' WU'Ub[ Y'UbX'U'W'c'fg' ]bj c'j YX' ]b[ 'YbY'fU]h]b[ 'dc' ]h]W' WU'Ub[ Y' ]b'5'i ghU' ]U'UbX'c'ħY'f'Wēi bh]Y'g'U'fci bX'ħY'k c'fX'`Mēi 'k ]`Y'U'fb'U'Vci h'ħY'f'c'Y'cZ'dck Yfž'Y[ ]h]a U'W'ž'UbX' ]bg]XY'f'UbX'ci hg]XY'f'dcg]h]cbg' ]b'a U\_]b[ dc' ]h]W' WU'Ub[ Y'k c'f\_`f'c'f'bc'ħ'`Mēi 'k ]`Y'U]j Y'ħ]g'Wēi fgY'k ]ħ' U'VY'ħY'f'i bXY'fg'ħ'UbX]b[ 'cZk \U]hdc' ]h]W' WU'Ub[ Y' ]gž' \ck' ]h]W' b'VY'U'W'Y]j YXž'UbX'k \U]h'cēi f'ck b'fc'Y'WU' b'VY' ]b' WU'Ub[ ]b[ 'ħY'k c'fX'`

# 7ci fgY'@YUfb]b[ 'Ci hWca Yg

% 8YgW]VY'UbX'Yj U'i UħY'ħY'a U]b'ħY'c'f]Yg'UbX'WēbW'dhg'i gYX' ]b'ħY'gh' XmicZdc' ]h]W' WU'Ub[ Y &' 7f]h]W'`mYj U'i UħY'UbX'Wēb'f'Ugh'fYgY'U'fW' U'Vci h'f'c'W'ggYg'cZdc' ]h]W' WU'Ub[ Y'UbX'U'W'c'fg' ]bj c'j YX ]b'dc' ]h]W' WU'Ub[ Y'f'UbX'bcbl'WU'Ub[ Y'ē]b' bU]h]cbU'UbX' ]b'ħY'fbU]h]cbU' Wēb'ħY' ]hg ' 9' d'U]b'ħY' Wēb'ħY'gh'Y'X' bU]h' fY'cZdc' ]h]W' ]b'ei ]fm'UbX'ħY'X]a Ybg]cbg'cZ'Yħ' ]W'g'W'c'U'fg' ]d' ]b'ħY' X]g'W]d' ]b'Yg'cZ'Zc' ]h]W'g' UbX'ħ'f' ħ'f'fbU]h]cbU' F'Y'U]h]cbg' ]b'fY'U]h]cb'ħ'c' dfc'W'ggYg'cZdc' ]h]W' WU'Ub[ Y' UbX'bcbl'WU'Ub[ Y'`

# HYUW]b[ 'GhfUHY[ ]Yg'

H\Y'`YU'fb]b[ 'UW]j ]h]Y'g'Zc'f'ħ]g'Wēi fgY'U'fY'gY'Y'W'Y'ħ'c'gi ddc'f'ħ'cēi ' ]b'gh'fY'b[ ħY'b]b[ 'mēi f'WU'dUW]m'Zc'f'fUē W]h]W'ž' ]b'X'Y'dY'b'X'Y'bh'ħ' ]b\_]b[ /f'V'ē'fY'gY'U'fW'g\_]`g'UbX'f'W'ē'fY'Z'Y'W]b[ 'cb'mēi f'ck b'dcg]h]cb' ]b'ħY'k c'fX'`D'fc'W'ggYg'cZdc' ]h]W' WU'Ub[ Y'UbX'bcbl'WU'Ub[ Y'U'fY' b'Yj Y'f'j U'i Y!bYi f'U'ž'UbX'ħY'fY'Zc'fY'k Y'k ]`VY' fY'Z'Y'W]b[ 'Vc'ħ'cb'mēi f'ck b'dcg]h]cb'UbX'j ]Yk'g'cb'dc' ]h]W' WU'Ub[ Y/U'g'k Y'`U'g'gY'Y\_`ħ'c'dcg]h]cb'X]Z'Y'fY'bh' gh'f'UbX'g'cZ'fY'gY'U'fW'cb'dc' ]h]W' WU'Ub[ Y'ħ'`Y'd'mēi 'i bXY'fg'ħ'UbX'k \m'X]Z'Y'fY'bh'fY'gY'U'fW'Y'fg'Wēa Y'ħ' X]Z'Y'fY'bh'Wēb'W]i g]cbg'`

H\Y'gYa ]bU'fg'U'fY'gY'ħi d'ħ' U'W]j Y'mY'b[ U[ Y'mēi ' ]b'X]g'W'gg]cb'UbX'fY'Z'Y'W]cbž'Zc'W'g]b[ 'cb'ħY'U'dd' ]W]h]cb cZ'`bck' YX[ Y'ħ' fY'U'k c'fX'W'U'gYg'`Mēi 'k ]`Y'U'fb'ħ'c' fY'Z'Y'W]h]W' ]h]W'`mcb' d'fc'W'ggYg'cZdc' ]h]W' WU'Ub[ Y'UbX'bcbl'WU'Ub[ Yž'ħY'j Uf]Y'micZ'U'W'c'fg' ]bj c'j YX' ]b'dc' ]h]W' WU'Ub[ Y'UbX'bcbl'WU'Ub[ Yž'UbX'ħY'gh'fU'ħ' ]Y'g'i gYX'ħ' U'W'Y]j Y'dc' ]h]W' WU'Ub[ Y'`F'Y'gY'U'fW'g\_]`g'U'fY'U'g'c'Yi d' ]h]m'U'X'X'fY'ggYX' ]b'ħY'gYa ]bU'fg'`

ħ'U'W'c'fX'Ub'W'k ]ħ' ] B'G'K '@Y'U'fb]b[ 'UbX'HYUW]b[ ; i ]X'Y' ]b'Y'gž'ħ]g'Wēi fgY' \U'g'V'Y'Y'b'X'Y'g][ bYX'ħ' Y'b[ U[ Y mēi ' ]b'`Y'U'fb]b[ 'ħ'f'ci [ \ ]b'Zc'fa YX'gYa ]bU'f'X]g'W'gg]cb'V'U'g'Y'X'cb[ i ]X'Y'X'fY'U'X]b[ 'UbX' ]b'X'Y'dY'b'X'Y'bh fY'gY'U'fW'ž'UbX'ħ'c' d'fcj ]X'Y'a Y'Ub]b[ Z'`UbX'ħ]a Y'm'Z'Y'X'V'U'W\_`ħ'c' mēi f'k c'f'`

: Y'Y'X'V'U'W\_`cb' ]bg'f'i W'c'fg'k ]`VY'g'ci [ \h'ħ'f'ci [ \ci h'ħY'Wēi fgY' ]b' ]b'Zc'fa U' ]b'ħY'fU'W]c'bg'k ]ħ'gh' X'Y'bh'gž'UbX'k f]h'Y'b'Z'Y'X'V'U'W\_`k ]`VY'g'ci [ \h'ħ'U'Z'k U'm'ħ'f'ci [ \ħ'Y'`Wēb'ħ]bi Yž'gh'c'dž'Xc'a c'fY'`Yi Y'f'W]gY'`H' ]g'Z'Y'X'V'U'W\_`U'g'k Y'`U'g'ħY'Z'Y'X'V'U'W\_`Žca 'A m'θi dY'f]Y'b'W'k ]`VY'g'ci gYX'ħ' U'X'U'dh'ħY'Wēi fgY'k \Y'fY' b'Y'W'gg'U'f'm`



## 5 HbXUbW F YeI ]fYa Ybhg

5F HG' , &\$gYa ]bUfUHbXUbW UbXhY Wca dYh]cb'cZhY k YY\_mhUg\_g]g'a UbXUhc fm'

5 ghi XYbhk \c'UHbXg'Ygg'hUb', 'ci hcZ%'cZhY'gYa ]bUfg'a UmVY'fYZ gYX'Z]bU'UggYgga Ybh'9UW  
k YY\_žmci 'k ]'U'gc \Uj Y'hUg\_g'hc Wca d'Yh'fY'Uh]b[ 'hc'mci f'[ fci d'UW]j ]hm'

H\Y'i gi U'XYU'žcf'a mWUggYg'.k

## 7 ci fgY'GWXYXi `Y

[J \]k WUgg'ha YhUVY](#)

H]a YhUV`Y`

8UH	HrdY	7cbhYbh
K YY_% " \$'A Um! "		GYY'A ccX'Y
>i bY		GYY'A ccX'Y
K YY_&.*' >i bY!' %\$		GYY'A ccX'Y
>i bY		
K YY_' .%' >i bY!' %+		GYY'A ccX'Y
>i bY		
K YY_(. '&\$' >i bY!' &(		GYY'A ccX'Y
>i bY		
K YY_) . '&+' >i bY!' %		GYY'A ccX'Y
>i `m		
K YY_+ . '%%' >i `m!' %)		GYY'A ccX'Y
>i `m		GYY'A ccX'Y
K YY_ , . '% ' >i `m!' &&		GYY'A ccX'Y
>i `m		
K YY_ - . '&' >i `m!' &-		GYY'A ccX'Y
>i `m		
K YY_%\$. '%5i [ i gh! ')		
5i [ i gh		

F Ygci fWg

DfYgWfjVYX`F Ygci fWg

BchiUj UjUV`Y

F YWca a YbXYX`F Ygci fWg

BchiUj UjUV`Y

Gi Va ]gg]cb 'cZ5ggYgga YbhiHUg\_g

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

Ʒmci 'YbWci bHYf'U'dfcV'Ya 'k \Yb'UH'Ya dh]b[ 'hc'gi Va ]hmc i f'Ugg][ ba YbhiH'fci [ \ 'Hi fb]h]bž'd'YUgY  
HY'Yd\cbY'9I HYfbU'Gi ddcfhcb'-', ) " ' ' %cf'Ya U] 'H'Ya 'cb'YI HYfbU'HY'f'gi ddcfh4 i bgk "YXi "Ui "'Gi ddcfh  
\ci fg'UfY', .\$\$Ua '—%\$.\$\$da 'cb'k YY\_XUmg'UbX'-. \$\$Ua '—) .\$\$da 'cb'k YY\_YbXg'fI \*) 'XUmg'U'm'YUfI" Ʒmci  
UfY'i bUV'Y'hc'gi Va ]hmc i f'Ugg][ ba YbhiXi Y'hc'U'Zi 'hk ]H'Hi fb]h]b'mci 'a UmUdd'm'Zcf'Ub'YI HYbg]cbž'Vi hmc i  
a i ghfYHU]b'mci f'h]W\_Yhbi a VYf'Z'ca '9I HYfbU'Gi ddcfhfU'cb[ 'k ]H'UbmcH'Yf'f'Yj UbhXcW a YbHgE'hc  
]bWi XY'Ug'Yj ]XYbVW'hc'gi ddcfhmc i f'YI HYbg]cb'Udd'jW]h]cb" Ʒmci 'Ya U] '9I HYfbU'Gi ddcfhmc i 'k ]  
Ui 'ca UH]WU'm'f'YW]j Y'U'h]W\_Yhbi a VYfž'Vi h]Zmci 'HY'Yd\cbY'mci 'k ]'b'YX'hc'gd'YW]WU'm'Ug\_ 'Zcf'cbY"  
Hi fb]h]b'U'gc'dfcj ]XYg'i dXUH'g'cb'H'Y]f'gmgh'Ya 'ghU'g'cb'Hk ]H'Yf"

; YbYfU'mž'UggYgga YbhiHUg\_g'a i ghVY'gi Va ]H'YX'Y'YW'fcb]WU'mj ]U'Y]H'Yf'Hi fb]h]b'cf'U'A ccX'Y  
Ugg][ ba YbH' 'b]bgHUbVW'g'k \YfY'H'g ]g'bc'hd'cgg]V'Yž'hk ]'VY'gh'UH'X'cb'mci f'Wci fgY'g'A ccX'Y'g]H'k ]H  
U'HYfbUH] Y'gi Va ]gg]cb'XYHU]g"

: cf]bZ'fa UH]cb'cb'\ck 'hc'gi Va ]hUgg][ ba YbHg'cb]bYj ]U'A ccX'Y. \H'hdg.#gh XYbH'i bgk "YXi "Ui #ck!  
gi Va ]hUgg][ ba YbH'a ccX'Y





## 5 WUXYa ]WbZcfa Uh]cb

8i Y'rc'Yj c'j ]b[ 'UXj ]W'VmB GK ' < YU'hž'gh XYbh'ia i gh'WXYW'Zcf'i dXU'YX' ]bZcfa Uh]cb'fY[ UfX]b[ 'cb' ]bY  
'YUfb]b[ 'Zcf'U''5f'gž'8Yg][ b'UbX'5f'W]H'W' fY'W' i fgYg'h'g'h'fa 'fj ]U'A ccX'Y'cf'W' i fgY' ]bZcfa Uh]cb  
dfcj ]XYX"Ł

: cf'YggYbh]U'gh XYbh]bZcfa Uh]cb'fY'Uh]b[ 'rc.