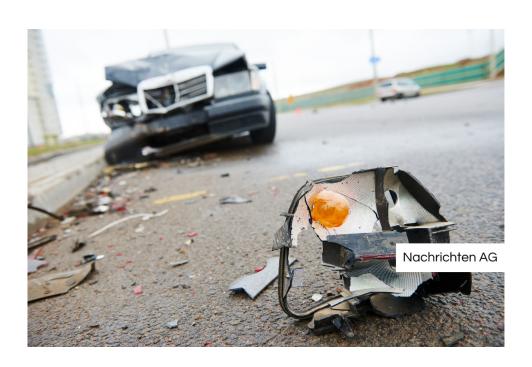


A cV]`!6`]hnYf']b'6Yf`]b.'K c'G]Y'\Yi hY VYgcbXYfg'j cfg]W\h]['ZU\fYb'a ØggYb'

5_hi Y``Y`FUXUf_cbhfc``Yb`]b`BYi_O``b`Ua`&' "\$' "&\$&).`K ck]fX`[YV`]hnh3`=bZcfa Uh]cbYb`ni 'JYf_Y\fgØVYfk UWXi b['i bXG]WXYf\Y]h"



BYi_O``bž'8Yi hgWX`UbX'!'5a '&' "\$' "&\$&) 'ZØ\fh'6Yf`]b'Ub'ZØbZ GhUbXcfhYb'a cV]`Y'FUXUf_cbhfc``Yb'Xi fWX"'8]Y'U_hi Y``Yb GhUbXcfhY'XYf'6`]hnYf'_ObbYb'g]WX'YXYfnY]h'AbXYfbž'XU'X]Y; YZU\fYb`U[Y']a 'GhfU» Ybj Yf_Y\f'_cbh]bi]Yf']WX'Ub[YdUggh'k]fX"8]Y'5b[UVYb'ni 'XYb'6`]hnYfb'Yf\YVYb'_Y]bYb'5bgdfi WX'Ui Z J c``ghAbX][_Y]hž'k Ug'5i hcZU\fYf'i bX'JYf_Y\fghY]`bY\a Yf'ni f J cfg]WXh'a U\bh"; YgWXk]bX][_Y]hgØVYfgWXfY]hi b[Yb'i bhYf']Y[Yb XYb'6Ygh]a a i b[Yb'XYf'GhfU» Ybj Yf_Y\fgcfXbi b['fGhJC\tž'X]Y Ui WX'5VghUbXgj YfghO`» Y'i bX'XUg', VYfZU\fYb'j cb'fchYb'5a dY'b fY[Y`h"'8Ug': U\fYb'a]h'FUXUfk Ufb[YfAhYb'i bX'9WXhnY]h!K Ufb! 5ddg']gh']a '5i hc'j YfVchYbž'k A\fYbX'Ga Ufhd\cbYg'i bX BUj][Uh]cbg!5ddg'[Ybi mh'k YfXYb'XØfZYbž'gcZYfb'X]Y K UfbZi b_h]cbYb'ZØf'FUXUfZU``Yb'Ui g[YgWXU`hYh'g]bX"

8]YgY'FY[Y'i b[Yb'g]bX'HY]''Y]bYg'[fÒ» YfYb'FU\a Ybg'ni f'
GhfU» Ybj Yf_Y\fgg]WX Yf\Y]hž'X]Y'XUfUi Z'UVn]Y'hž

JYf_Y\fgi bZÀ''Y'ni 'j Yfa Y]XYb'i bX'XYfYb': c`[Yb'ni 'j Yff]b[Yfb"
@Ui h'6i bXYgj Yf_Y\fga]b]ghYf]Yb'hfU[Yb'i bhYfgWX]YX']WXY'5_hYi fY
k]Y'JYf_Y\fghY]'bY\a Yfž'6Y\ÒfXYb'i bX'X]Y'Dc']nY]'ni f
G]WXYfghY''i b['g]WXYfYf'JYf_Y\fgUV'Ài ZY'VY]"'5i WX
JYf_Y\fgg]WXYf\Y]hgdfc[fUa a Yž'X]Y']b'XYb'%- +\$Yf'*J\fYb
Ybhk]W_Y'h'k i fXYbž'gd]Y'Yb'Y]bY'YbhgWXY]XYbXY'Fc''Y"

JYf_Y\fgØVYfk UWXib['ibX'6`]hnYfghUbXcfhY

8]Y'a cV]'Yb'6`]hnYf']b'6Yf`]b'g]bX'ni gÀhn`]W\Y'A U» bU\a Ybži a X]Y'J Yf_Y\fgg]W\Yf\Y]h'ni 'Yf\O\Ybž']bgVYgcbXYfY']b'; YV]YhYbž']b XYbYb'ghUh]cbÀfY'6`]hnYf'k Yb][Yf'5VgW\fYW_i b['V]YhYb"'8]Y ?cbhfc``ghUbXcfhY'g]bX'XU\Yf'ghfUhY[]gW\'[Yk À\`hži a 'X]Y 9]b\U`hi b['XYf'; YgW\k]bX][_Y]hgVY[fYbni b[Yb'ni 'ZÒfXYfb"'9g g]bX'_Y]bY'U_hi Y``Yb'\DZcfa Uh]cbYb'ni 'gdYn]Y``Yb'; YZU\fYbhmdYb k]Y'GhfU» YbVUi ghY``Yb'cXYf'gW\`YW\hYf'G]W\h'j cf\UbXYbž'X]Y hmd]gW\Yfk Y]gY'Ui W\'ni 'Y]bYa 'Yf\O\hYb'I bZU``f]g]_c'ZØ\fYb _ObbYb"

 $\label{eq:continuous_problem} 9g`]gh`VY_Ubbhž`XUgg`GhfU» YbVUi ghY``Ybž`Fi hgWk [YZU\f`Xi fWk K]bhYf[`AhhY`i bX'<]bXYfb]ggY`Ui Z`XYb`GhfU» Yb`X]Y`I bZU``[YZU\f Yf\O\Yb`_ObbYb"I a `X]YgYb`<YfUi gZcfXYfi b[Yb`ni `VY[Y[bYbž nÀ\`h'Ui Wk`X]Y`f]Wkh][Y`J Yf_Y\fgYfn]Y\i b[ž`X]Y`]b`GWki `Yb`VYfY]hg gY]h`%- +&`U`g`j YfdZ]WkhYbXYf`9fn]Y\i b[gUi ZhfU[`[]`h"$

$GhUh]gh]_Yb i b X 9bhk]W_i b [Yb$

8]Y?cghYbž'X]Y'XifW\GhfU»YbjYf_Y\fgibZ\``Y']b'8YihgW\`UbXYbhghY\Ybž'VY`UiZYb'g]W\'UiZ'ØVYf''\$'A]``]UfXYb'9ifc'A\f`]W\"8]YgY'\c\Yb'NU\`Yb'jYfXYih`]W\Yb'X]Y'BchkYbX][_Y]h'jcbdfAjYbh]jYb'AU»bU\aYb'ibX'Y]bYf'gh\bX][Yb',VYfdfØZib[gck]Y'5bdUggib['XYf'G]W\Yf\Y]hgghUbXUfXg"

6Yf`]b'j YfZc`[h'a]h'X]YgYb'A U» bU\a Yb'b]W\h'bi f'XUg'N]Y`ž'X]Y
I bZU``nU\`Yb'ni 'a]b]a]YfYbž'gcbXYfb'Ui W\'X]Y
J Yf_Y\fghY]`bY\a Yf'U_h]j ']b'X]Y'J YfUbhk cfhi b['ni 'n]Y\Yb"
<]YfVY]'gd]Y`h'X]Y'U_h]j Y'i bX'dUgg]j Y'G]W\Yf\Y]h'Y]bY
YbhgW\Y]XYbXY'Fc``Yž'X]Y'gck c\``Xi fW\'hYW\b]gW\Y'A U» bU\a Yb
U`g'Ui W\'Xi fW\'YbhgdfYW\YbXY'JYf_Y\fgYfn]Y\i b['[YZÒfXYfh
k]fX"

8YhU]`g	
Cfh	BYi_Ò``bž'8YihgW\`UbX
EiY``Yb	• k k k "bYk g"XY
	k k k "j Yf_Y\fg`U[Y"XY
	XY"k]_]dYX]U"cf[

6 Ygi WX Yb 'G]Y 'i bg 'Ui Z. 'a Y]b!VYf`]b "bYh