

6Yf`]b.'Dc`]nY]'j YfÒZZYbh`]W\h'8]YVghU\`! 8 UhYb'ZØf'5i hcZU\fYf°

8]Y 'Dc`]nY]'6Yf`]b 'ghY``h'UV 'gc Zcfh'8 UhYb 'ni '? Zn!8]Y VghÀ\`Yb]a 'CdYb'8 UhU'DcfhU``ni f'JYfZØ[ib[\check{z} 'U_hiU`]g]Yfh'hÀ[`]W\"



 $6Yf`]b\check{z}`8Yi hgWX`UbX`!`8]Y`Dc`]nY]`6Yf`]b`[Y\h'Y]bYb`gdUbbYbXYbGWXf]hh'k Y]hYf.`5V`gcZcfh'g]bX`Fc\XUhYb`ni `8]YVghÀ\`Yb`Ub`cXYfUi g`?fUZhZU\fnYi [Yb`ØVYf`XUg`CdYb`8UhU`DcfhU``6Yf`]bni [Àb[`]WX"`8]YgY`8UhYbž'X]Y`Ui Z`XYb`hÀ[`]WXYb`A Y`Xi b[Yb`XYfDc`]nY]`VUg]YfYbž'fY]WXYb`ni fØW_`V]g`ni a `%"`$Jbi Uf`XYg`J cf'U\fYgi bX`V]YhYb`$hYfYgg]YfhYb`ghYhg`Y]b`U_hi Y``Yg`@U[YV]`X`ØVYf`?Zn! 8]YVghÀ\`Y`]b`XYf`<Ui dhghUXh"$

8]Y'i a ZUggYbXYb' = Zcfa Uh]cbYb'i a ZUggYb'i bhYf'UbXYfYa 'XYb HUhnY]hfUi a ž'XUg'[YbUi Y'8Uhi a 'XYf'Jcf[Ub[gUb`U[Yž'X]Y'5fh XYg'9]bXf]b[Ybg']b'XUg': U\fnYi ['i bX'X]Y'GWXUXYbg\Ò\Y"'5i WX X]Y'I bhYfgWXY]Xi b['nk]gWXYb'Y]bZUWXYa 'i bX'gWXk YfYa 8]YVghU\`k]fX'_`Uf'Xc_i a Ybh]Yfh''8]YgYf'GWXf]hh'Zc`[h'Ui Z'X]Y $\label{thm:continuity:bounds:} $$ dcg]h]j Y`FYgcbUbn`ni `XYb`VYghY\YbXYb`: U\ffUXX]YVghU\`gXUhYbž X]Y`VYfY]hg`gY]h`GYdhYa VYf`&$&%'j YfÒZZYbh`]W\h`k YfXYb"`8]Y bYi Yb`8 UhYb`gc``Yb`b]W\h`bi f`XYf`DfYggYž'gcbXYfb`Ui W\`XYf K]ggYbgW\UZh`i bX`<cW\gW\i`dfc`Y_hYb`ni f`JYfZØ[i b[`ghY\Yb`i bX X]Y`?f]a]bU`]hÀhgZcfgW\i b[`i bhYfghØhnYb"$

8 YhU]`g	
JcfZU``	8]YVghU\`
Cfh	6Yf`]bž'8YihgWX`UbX

6Ygi WXYb 'G]Y 'i bg 'Ui Z. 'b!U["bYh