H\f]``]b['A UhW\i dg'5k U]h'Uh'6fck UfX 7ci bhm': cchVU``'G\ck WUgY'&\$&) °

 ∞]b i g i]b i6fck UfX i7ci b hm iZfca i5i [i gh i&%! & ' ž i & \$ &) ž i Ug ihcd \][\ igW\ cc \ iZcchV U \ i hY Ua g iWUg\ i]b ih\ Y iB Uh]cb U \ iG\ ck \ WUgY "



5a cb['h\Y'ZYUhi fYX'a UhW\i dg']g'U'\][\`m'Uk U]hYX'WUg\'VYhk YYb A UhYf'8Y]ž'U'Z]j Y!h]a Y'bUh]cbU`'W\Ua d]cbž'UbX'Gh"'H\ca Ug 5ei]bUg'fGH5\Łz'k \]W\'\Ug'fY][bYX'j]Whcf]ci g']b'g]l 'WcbgYW' h]j Y $\label{thm:condition} $$: `cf]XU'\][\ 'gW\cc``ZcchVU```ghUhY`W\Uad]cbg\]dg''`6ch\'hYUag'`UfY dck Yf\ci gYg']b'h\Y]f'ck b'f][\ 'hž'k]h\'GH5'Z]b]g\]b[``Ugh'gYUgcbfUb_YX'Bc''`%+ 'bUh]cbU``m''H\Y]f'g\ck Xck b'cb'5i [i gh'&' ']g YI dYWhYX'hc'XfUk'g][b]Z]WUbh'UhhYbh]cb'Zfca' ZUbg'YU[Yf'hck h]bYgg'h\Y'WUg\'cZ'h]hUbg''$

$H \setminus Y : i \cap G \cap Y \subset Z \cap A \cup W \setminus Y \cap G$

 $H\Y''6fck\ UfX''7ci\ bhm'g\ck\ WUgY'XcYgb\ h'ghcd'k\]h\''4\ gh'cbY'a\ U'cf \ [Ua\ Y'''5bch\Yf'Yl\ W]h]b[\ 'a\ UhWki\ d'k\]```gYY'5a\ Yf]WUb'<Yf]hU[\ Yž'h\Y'' : `cf]XU'(5'Wk\ Ua\ d]cbž'ZUW]b[\ 'cZZ'U[\ U]bgh'Gh''' <math>\approx$ gYd\ g'DfYd'Zfca DYbbgmj\ Ub]Už'h\Y'*5'ghUhY''Wk\Ua\ d]cbž'cb'5i [i\ gh'&&'''Gh''' \approx gYd\ g\Ug'U`gc'a\ UXY']hg'a\ Uf_ž'YUfb]b[\ 'Bc'''&*']b'bUh]cbU``fUb_]b[\ g``Ugh\ mYUfž'k\]'Y'5a\ Yf]WUb'<Yf]hU[\ Y'WUa\ Y']b'Uh'Bc'''%*'''H\YgY\ a\ UhWki\ dg'dfca\]gY'hc'XY`]j\ Yf'h\f]``]b[\ 'a\ ca\ Yb\ngž'Vch\'Zcf'h\Y\ hYUa\ g']bj\ c`j\ YX'UbX'h\Y'ZUbg']b'h\Y'ghUbXg''

- $5i [igh^*\&\%."D]dYf^*fl^*cf]XUE^*jg^*"DYUWAhfYY^F]X[Y^*fl^*Ycf[]UEUh^*(^*d^*a^*"Uh^*8]^*`UfX^*< G$
- 5i [igh: &%. '5fW.V]g\cd'A W7Ufh\m'fl `cf]XUŁ'Uh'7UfX]bU`;]VVcbg'fl `cf]XUŁ'Uh'+'d"a "
- 5i [i gh'&%. 'A cbUfW\ 'fl `cf]XUŁ'j g"'6c``Yg'GW\cc``fl `cf]XUŁ Uh', 'd"a "
- 5i [i gh'&&. '7cfbYf'7Ubmcb'fl hU\Ł'j g"'K Ygh'6fck UfX fl `cf]XUŁ'Uh'('d"a "
- 5i [igh: &&.:5a Yf] WUb: < Yf]hU[Y:fD`UbhUh]cbž: `cf] XUŁ'j g"Gh": ∞gYd\g'DfYd'Uh'+'d"a "
- 5i [igh: &&. '8f" 'D\]``]dg'fl `cf]XUŁ'Uh'8]``UfX'fl `cf]XUŁ'Uh', d"a "
- 5i [igh'&'.'A UhYf'8Y]'fl7U']Zcfb]UŁ'Uh'Gh"'H\ca Ug'5ei]bUg fl`cf]XUŁ'Uh'('d"a "
- 5i [i gh'&'. '7\Ua]bUXY!A UXcbbU'fl `cf]XUŁ'j g"'Gh" : fUbWYg'5WUXYa m'fA Ufm`UbXŁ'Uh', 'd"a "

5XX]b['hc'h\Y'U``i fY'cZ'h\Y'g\ck WUgY']g'h\Y'Ubh]W]dUh]cb gi ffci bX]b['h\Y'7\Ua]bUXY!A UXcbbU'j Yfgi g'Gh"': fUbWYg 5WUXYa m'a UhW\i d"'H\Y'hYUa g'dfYj]ci g`m'a Yh'cb'bUh]cbU` hY`Yj]g]cb'`Ugh'mYUfž'k\YfY'7\Ua]bUXY!A UXcbbU'Ya Yf[YX j]Whcf]cig'k]h\'U'gc`]X'')!%('k]bž'fU]g]b['h\Y'ghU_Yg'Zcf'h\Y]fidWca]b['ZUWY!cZZ'

$7cbhYlh']b'<][\ \ GWXcc``: cchVU``$

H\Y`cb[c]b[`Wca dYh]h]cb`]g`Z]YfWYž'k]h\`6]g\cd`; cfa Ub
fBYj UXUŁŽ'A]`hcb`fl Ycf[]UŁŽ'UbX`8i bWUbj]``Y`fHYI UgŁ'WcgY`m
hfU]`]b[`]b`h\Y`<][\`GW\cc``: cchVU```5a Yf]WU`fUb_]b[g"`H\Y`ghU_Yg
Wci `Xb h`VY`\][\Yf`Zcf`h\Ya ž'Ug`Vch\`hYUa `dYfZcfa UbWY`UbX
d`UmcZZ'fYgi `hg`Wci `X`XfUa Uh]WU``m`g\]Zh`h\Y`W\Ua d]cbg\]d
`UbXgWUdY"`5g`D`Um': cchVU```bchYgž'h\Y`bYI h`[Ua Yg`k]```VY
Wfi W]U``Zcf`h\YgY`hYUa gž'Zi fh\Yf`Ya d\Ug]n]b[`h\Y`]bhf][i Y
gi ffci bX]b[`\][\`gW\cc``ZcchVU```h\]g`gYUgcb"

± · · · g \ c f h × · h \ Y · i d W c a] b [· · 6 f c k U f X · 7 c i b h m · B U h] c b U ` · · · c c h V U ` ` G \ c k W U g Y · \ U g · g c a Y h \] b [· Z c f · Y j Y f m c b Y h \ f] ` ` g × · f] j U ` f] Y g × · U b X · U W \ U b W · h c · k] h b Y g g · h \ Y · Z i h i f Y · g h U f g · c Z · h \ Y · [U a Y " · G c · a U f _ · m c i f \ W U ` Y b X U f g × · [Y h · f Y U X m · Z c f · U b · Y I W] h] b [· Z Y k X U m g · c Z · Z c c h V U ` ` · U W h] c b · f] [\ h · \ Y f Y ·] b · c i f · W c a a i b] h m °

8YhU]`g	
Cfh	6fck UfX 7ci bhmž: `cf]XUžI G5
EiY``Yb	• \][\g\X\cc`ZcchVU``Ua Yf]\\U"\\ca
	d`UmZc c hV U``"b Z`"Wc a

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