## 

## <=20#\*(>2&1#55\$,-&

 $+\!:\!6A\&3+\&,A)\&E^*"D)\&D"\%"+,)*\&/1\&K+,/\%"39\&\&$ 

 $53DE+/\%k/*03\%"Y)4\&A,A)\&;B^A&3\%:3\#X3,A)*&!3*,"\%&!3\%03\%U)6,:*)\&/\%&5/6"3\#J:+,"6)\&HA"6A\&"+\&A)\#4\&)36A\&B)6)D7)*&"\%&B)63,:*9\&kR%6)&303"%&8*9&53DE+/%&/*03%"Y)4&3%4&#)4&A,A&!"##"$"%&R%)&P//$&G*/0)6,&3&*)34"%0&3%4&4"+6:++"/%&0*/:E&1/*&136:#,-&+,311&+,:4)%,+&3%4&#")%4+&/1&A,A&!"##"$"%&R%)&"\"()*+",-&1/:%4)4&"%&=>;=9&53DE+/%&3+/&#)6,:*)4&/%&!36/%&./:%,-&E/#","6+&"%&A,A&:"("#&_3*&3,&A,A)&B)63,:*&G:7#"6&U"7*3*-&/%&A,A&/*"0"%+&/1&73+)73##&,/&A,A&!36/%&./:%,-&F"+,/*"63#&5/6"),-&3%4&8*9&53DE+/%&H3+&3&$)-%/,)&+E(3$)*&3,&3&6)#)7*3,"/%&/1&A,A&***(**,-&*F"+,/*"63#&5/6"),-&3%4&8*9&53DE+/%&H3+&3&$)-%/,)&+E(3$)*&3,&3&6)#)7*3,"/%&/1&A,A&***(**,-&*F"+,/*"63#&5/6"),-&3%4&8*9&53DE+/%&H3+&3&$)-%/,)&+E(3$)*&3,&3&6)#)7*3,"/%&/1&A,A&***(**,-&*F"+,/*"63#&5/6"),-&3%4&8*9&53DE+/%&H3+&3&$)-%/,)&+E(3$)*&3,&3&6(**,-)*/,&***(**,-&*F"+,/*"63#&5/6"),-&3%4&8*9&53DE+/%&H3+&3&$)-%/,)&+E(3$)*&3,&3&6(**,-)*/,&***(**,-&*F"+,/*"63#&5/6"),-&3%4&8*9&53DE+/%&H3+&3&$(*,-)*/,&***(**,-&*F"+,/*"63#&5/6"),-&3%4&8*9&53DE+/%&H3+&3&$(*,-)*/,&***(**,-&*F"+,/*"63#&5/6"),-&$***(**,-&*F"+,/*"63#&5/6"$ 

```
5,:4)%,+&3*)&3++)++)4&"%&F@&d>>&5)D"%3*&3%4&F@&dB>&F"+,/*"/0*3EA-<&+"%6)&3#&A"+,/*-&D30/*+&
D:+,\&,3)&7/,A&6/:*+)+9&&@&&,A)&4"+6"E#"%)&/1&A"+,/*-<&,A)&+)D"%3*\&"+\&,-E"63##-\&,A&63E+,/%)&6/:*+)<&
HA"#)&A"+,/*"/O*3EA-&E*/("4)+&3%&"DE/*,3%,&/()*(")H&/1&D),A/4/#/O-&3%4&6A3%O"%O&
"\%, )*E*),3,"/\%+9\&kP/,A\&6/:*+)+\&*)E*)+)%,\&3%\&/EE/*,:%",-&1/*&3&6*)4)%,"3#)4&136:#,-&D)D7)*&,/&
"%+,*:6,&+,:4)%,+&"%&3&6/%,)%,&3*)3&,A3,&A3+&7))%&3&D30/*&1/6:+&/1&,A3,&136:#,-&D)D7)*i+&*)+)3*6A&
3\%4\&H^*", \%0\%\&5, :4)\%, +\&3*)\&3++"0\%) 4\&34(3\%6) 4\&3*, "6\#) +\&3\%4\&+6A/\#3*\#-\&D/\%/0*3EA+\&"%\&,A)&6/%,)%,&3*
3*)3\&3\%4\&3*)\&3++)++)4\&("3\&)++3-\&N:"YY)+9\&\&5,:4)%,+&3#+/&6/DE#),<math>\&3\&*)+)3*6A\&E3E)*\&73+)4\&\%\&5
E^*D3^*-k+/:*6)+k3\%4kE^*)+)\%, k, A3, kE3E)*k, /k, A) k6#3++k"\%k3k1/*D3#k/*3#k4)1)%+)9kk
IA)&13##&=>; B&A"+, /*"/O*3EA-&6/:*+)&)%*/##)4&1"()&+, :4)%,+9&& IA)&+)D"%3*&"%&,A)&+E*"%O&=>; ?&
)%*/##)4&+"W&+,:4)%,+9&& 8*9&T / (3#6"$&,3:0A,&A"+,/*"/0*3EA-<&HA"#)&8*9&!:##03*4,&,3:0A,&,A)&
+) D"%3*Z\&A)\&4)E3*,D)%\&*/,3,)+\&A)\&136:#,-&3++"0%D)%,+&,/&A)+)\&63E+,/%)&6/:*+)+&& )&A3()&
6/:*+)+9\&(1A)\&4)E3*,D)%\&6A3"*\&6/##)6,)4\&3%4\&)(3#:3,)4\&)#)()%&*)+)3*6A\&E3E)*+&/%&HA),A)*&,A)&
4)E3*,D)\%,j+\&1"()\&\#)3*\%"\%0\&0/3\#+\&H)*)\&D),\&
125("\$, \$\$". \&"()*+, (+@, \$CD-\&E2)2\$, 0D\&/\$C2,)\&
5, :4)%, \&E3E)*+&, A3,\&D), \&4)E3*,D)%, \&4,3%43*4+&, \&3&A"OA&4)O*) \&H)*) \&3++"O%) 4\&a\&E/"%, +&, A/+)&, \&3&
D/4)*3,)&4)0*))&b&E/"%,+&A/+)&,/&3%&"%+:11"6")%,&4)0*))&;&E/"%,%
F''OA(4)O^*) clilakE,+]k OA,k+,:4 AkAkkkkkkkkkkkd clilAkE
 0\%+:11"6")\%, &4)0*))c\&=&/*&;&E,+]&&&
                                                                                                                                                                  ååå
&
                                                       IRI2Ucld
                                                                                                            a=kE/\%,+0; kkdd9hbd3()*30)d
IA''+\&''+\&''\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'')\otimes(A'
6A3\%0)9\&kV3,A)*\&",\&*)1#)6,+\&6/%+"+,)%,&N:3#",-&"%&+,:4)%,&*)+)3*6A&E3E)*+9&&@,&D:+,&7)&%/,)4&,A3,&,A"+&
H3+\&3\% W6 E."/%3##-\&,3#)%, <math>A\&0*/:E\&/1\&D30/*+(\&+)()*3#&H)*)&34D", <math>A\&E/+,0*34:3, A\&E/+,0*3D+\&1
:E/\%\&0*34:3,"/\%\%
/+\(\(\psi(\psi\)\)10(2\(\psi\))2\)52\(\psi\)
G^*/1)++/*U:+(3*4"&+:7D"..)4&3*,"136,+&1/*&2 `=>:BC;?&D3$"%0&E/++"7#)&3%&3++)++D)%.&/1&
E/\#", "63#&+6")%6)&/:,6/D)+&("3&:+"%0&,A)&37/()&E/"%,+&*:7*"6&)DE#/-)4&1/*&,A)&A"+,/*-&D30/*9&&
3+\&D),"%0\&4)E3*,D)%,\&+,3%43*4+\&*%\&3\&A*(OA\&4)(O*))%
5, :4)%, \&E3E)*+\&E3E, A3,\&D), \&E3E, A4)*+, A43*4+\&E3E, A44*+, A4
D/4)*3,\&4\0*)\&b&E/\%,+\&,A/+\&,\&3\&\\\%+:11\'6\')\%,&4\0*)\&;&E/\\%,\&
F''OA(4)O^*) call a(E,+1)() % a(E,+1)(
```