


```

280 27.7 4 20 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r57100
281 #BestOS+0.01ST: 23.6 37 8 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r57100
282 #BestOS+0.01ST: 20.2 1 12 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r57100
283 #BestOS+0.01OS: 20.9 79 7 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r57100
284 -1.0 0 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r57100
285 -1.0 4318 1 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r57100
286 21.8 55 2 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r57100
287 33.6 115 3 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r57100
288 22.6 66 4 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r57100
289 23.0 96 5 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r57100
290 32.7 122 6 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r57100
291 20.9 79 7 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r57100
292 23.6 37 8 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r57100
293 21.7 86 9 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r57100
294 29.2 103 10 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r57100
295 32.5 202 11 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r57100
296 30.2 1 12 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r57100
297 32.6 13 13 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r57100
298 26.1 20 14 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r57100
299 26.3 6 15 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r57100
300 31.9 126 16 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r57100
301 22.7 17 17 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r57100
302 26.6 15 18 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r57100
303 22.7 79 19 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r57100
304 24.5 20 20 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r57100
305
306 #BestOS+0.01ST: 25.8 0 9 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r57100
307 #BestOS+0.01OS: 23.4 7 3 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r57100
308 -1.0 0 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r57100
309 -1.0 2621 1 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r57100
310 28.9 2 2 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r57100
311 23.4 3 3 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r57100
312 -1.0 740 4 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r57100
313 38.5 935 5 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r57100
314 27.1 126 6 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r57100
315 23.9 26 7 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r57100
316 29.5 16 8 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r57100
317 25.8 0 9 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r57100
318 27.8 293 10 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r57100
319 30.3 232 11 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r57100
320 36.3 1 12 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r57100
321 32.0 8 13 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r57100
322 26.9 159 14 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r57100
323 28.7 14 15 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r57100
324 30.3 9 16 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r57100
325 29.9 5 17 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r57100
326 34.6 1 18 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r57100
327 24.2 24 19 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r57100
328 38.1 383 20 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r57100
329
330 #BestOS+0.01ST: 27.0 0 9 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r57100
331 #BestOS+0.01OS: 27.0 0 9 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r57100
332 -1.0 0 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r57100
333 -1.0 8566 1 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r57100
334 61.5 243 2 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r57100
335 -1.0 0 3 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r57100
336 34.7 579 4 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r57100
337 56.4 1058 5 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r57100
338 -1.0 1458 6 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r57100
339 61.5 4 7 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r57100
340 29.3 0 8 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r57100
341 27.0 0 9 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r57100
342 -1.0 137 10 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r57100
343 -1.0 11 11 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r57100
344 86.7 2326 12 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r57100
345 72.0 393 13 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r57100
346 32.2 4 14 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r57100
347 33.3 0 15 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r57100
348 80.9 0 16 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r57100
349 41.0 1404 17 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r57100
350 30.9 1 18 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r57100
351 25.1 302 19 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r57100
352 25.4 197 20 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r57100
353
354 tt=100
355 d0=../result-mspc; if [ ! -e $d0 ]; then mkdir $d0; fi
356 dl=$(s0d)/as[a]bs[b]tts[t]; if [ ! -e $dl ]; then mkdir $dl; fi
357
358 N1=20t=2 :f1=$dl/`net_cr2cm100S[NT]`ny4nu4it12IS2r57100it${t}; #BestOS+0.01ST
359 N2=20t=12:f2=$dl/`net_cr2cm100S[N2]`ny4nu4it12IS2r57100it${t}; #BestOS+0.01ST
360 N3=20t=12:f3=$dl/`net_cr2cm100S[N3]`ny4nu4it12IS2r57100it${t}; #BestOS+0.01ST

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360 N2=20;t=8;tF2=$d1)/net.cr2cm10N5[N2]ny4nu4it12IS2r5T100it$t(t): #BestOS=0.01ST: 23.6 37 8 #ST[s]
[mm] it for cr2cm10N20ny4nu4it12IS2r5T100
361 N3=20;t=9 :f3=$d1)/net.cr2cm10N5[N3]ny4nu4it12IS2r5T100it$t(t): #BestOS=0.01ST: 25.8 0 9 #ST[s]
[mm] it for cr10cm10N20ny4nu4it12IS2r5T100
362 N4=20;t=9 :f4=$d1)/net.cr10cm10N5[N4]ny4nu4it12IS2r5T100it$t(t): #BestOS=0.01ST: 27.0 0 9 #ST[s]
[mm] it for cr10cm10N20ny4nu4it12IS2r5T100
363 #
364 N1=20;t=10;f1=$d1)/net.cr2cm10N5[N1]ny4nu4it12IS2r5T100it$t(t): #BestST+0.01OS: 18.5 78 10 #ST[s]
[mm] it for cr2cm10N20ny4nu4it12IS2r5T100
365 N2=20;t=7; f2=$d1)/net.cr2cm10N5[N2]ny4nu4it12IS2r5T100it$t(t): #BestST+0.01OS: 20.9 79 7 #ST[s]
[mm] it for cr2cm10N20ny4nu4it12IS2r5T100
366 N3=20;t=3; f3=$d1)/net.cr10cm10N5[N3]ny4nu4it12IS2r5T100it$t(t): #BestST+0.01OS: 23.4 7 3 #ST[s]
[mm] it for cr10cm10N20ny4nu4it12IS2r5T100
367 N4=20;t=9; f4=$d1)/net.cr10cm10N5[N4]ny4nu4it12IS2r5T100it$t(t): #BestST+0.01OS: 27.0 0 9 #ST[s]
[mm] it for cr10cm10N20ny4nu4it12IS2r5T100
368
369 f1234=$f1;$f2:$f3:$f4;
370 N1234=$N1;$N2:$N3:$N4;
371 ###
372 ky=0.1;###r_kyoyou=0.1m=100mm Default
373 rm listSS.dat;
374
375 60 for cr in 2 5 3 3.5 4 5 5 6 5 7 7.5 8 8.5 9 9.5 10: do for cm in 10 20 30 40 50 60 70 80 90 100: do
376   echo -n "$cr $cm" >>listSS.dat
377   cmake_emulate_exe2 it:1;1;x5 cr:$cr cm:$cm cc:0.5 umax:10 tt:E0 kxt:1 ky:$ky method:12:$N1;$B:$a:0:0.1ST:23.6 37 8 #ST[s]
378   done;done;cat listSS.dat;cat listSS.dat|awk 'BEGIN {sa=na=0;sw=ow=-1;smcm=le4;} {s[n]=$o[n];$4=$4;f1=(cm+$4)/cm;$4=f1;(cm+$4)/cm;$4=f1;(cm+$4)/cm;$4=f1;END{sa=na/oa;sw=ow/ow;f1=(sa+sw)/2;f2=(f1+$2)/2;f3=(f1+$3)/2;f4=(f1+$4)/2;f5=(f1+$5)/2;f6=(f1+$6)/2;f7=(f1+$7)/2;f8=(f1+$8)/2;f9=(f1+$9)/2;f10=(f1+$10)/2;f11=(f1+$11)/2;f12=(f1+$12)/2;f13=(f1+$13)/2;f14=(f1+$14)/2;f15=(f1+$15)/2;f16=(f1+$16)/2;f17=(f1+$17)/2;f18=(f1+$18)/2;f19=(f1+$19)/2;f20=(f1+$20)/2;f21=(f1+$21)/2;f22=(f1+$22)/2;f23=(f1+$23)/2;f24=(f1+$24)/2;f25=(f1+$25)/2;f26=(f1+$26)/2;f27=(f1+$27)/2;f28=(f1+$28)/2;f29=(f1+$29)/2;f30=(f1+$30)/2;f31=(f1+$31)/2;f32=(f1+$32)/2;f33=(f1+$33)/2;f34=(f1+$34)/2;f35=(f1+$35)/2;f36=(f1+$36)/2;f37=(f1+$37)/2;f38=(f1+$38)/2;f39=(f1+$39)/2;f40=(f1+$40)/2;f41=(f1+$41)/2;f42=(f1+$42)/2;f43=(f1+$43)/2;f44=(f1+$44)/2;f45=(f1+$45)/2;f46=(f1+$46)/2;f47=(f1+$47)/2;f48=(f1+$48)/2;f49=(f1+$49)/2;f50=(f1+$50)/2;f51=(f1+$51)/2;f52=(f1+$52)/2;f53=(f1+$53)/2;f54=(f1+$54)/2;f55=(f1+$55)/2;f56=(f1+$56)/2;f57=(f1+$57)/2;f58=(f1+$58)/2;f59=(f1+$59)/2;f60=(f1+$60)/2;f61=(f1+$61)/2;f62=(f1+$62)/2;f63=(f1+$63)/2;f64=(f1+$64)/2;f65=(f1+$65)/2;f66=(f1+$66)/2;f67=(f1+$67)/2;f68=(f1+$68)/2;f69=(f1+$69)/2;f70=(f1+$70)/2;f71=(f1+$71)/2;f72=(f1+$72)/2;f73=(f1+$73)/2;f74=(f1+$74)/2;f75=(f1+$75)/2;f76=(f1+$76)/2;f77=(f1+$77)/2;f78=(f1+$78)/2;f79=(f1+$79)/2;f80=(f1+$80)/2;f81=(f1+$81)/2;f82=(f1+$82)/2;f83=(f1+$83)/2;f84=(f1+$84)/2;f85=(f1+$85)/2;f86=(f1+$86)/2;f87=(f1+$87)/2;f88=(f1+$88)/2;f89=(f1+$89)/2;f90=(f1+$90)/2;f91=(f1+$91)/2;f92=(f1+$92)/2;f93=(f1+$93)/2;f94=(f1+$94)/2;f95=(f1+$95)/2;f96=(f1+$96)/2;f97=(f1+$97)/2;f98=(f1+$98)/2;f99=(f1+$99)/2;f100=(f1+$100)/2;f101=(f1+$101)/2;f102=(f1+$102)/2;f103=(f1+$103)/2;f104=(f1+$104)/2;f105=(f1+$105)/2;f106=(f1+$106)/2;f107=(f1+$107)/2;f108=(f1+$108)/2;f109=(f1+$109)/2;f110=(f1+$110)/2;f111=(f1+$111)/2;f112=(f1+$112)/2;f113=(f1+$113)/2;f114=(f1+$114)/2;f115=(f1+$115)/2;f116=(f1+$116)/2;f117=(f1+$117)/2;f118=(f1+$118)/2;f119=(f1+$119)/2;f120=(f1+$120)/2;f121=(f1+$121)/2;f122=(f1+$122)/2;f123=(f1+$123)/2;f124=(f1+$124)/2;f125=(f1+$125)/2;f126=(f1+$126)/2;f127=(f1+$127)/2;f128=(f1+$128)/2;f129=(f1+$129)/2;f130=(f1+$130)/2;f131=(f1+$131)/2;f132=(f1+$132)/2;f133=(f1+$133)/2;f134=(f1+$134)/2;f135=(f1+$135)/2;f136=(f1+$136)/2;f137=(f1+$137)/2;f138=(f1+$138)/2;f139=(f1+$139)/2;f140=(f1+$140)/2;f141=(f1+$141)/2;f142=(f1+$142)/2;f143=(f1+$143)/2;f144=(f1+$144)/2;f145=(f1+$145)/2;f146=(f1+$146)/2;f147=(f1+$147)/2;f148=(f1+$148)/2;f149=(f1+$149)/2;f150=(f1+$150)/2;f151=(f1+$151)/2;f152=(f1+$152)/2;f153=(f1+$153)/2;f154=(f1+$154)/2;f155=(f1+$155)/2;f156=(f1+$156)/2;f157=(f1+$157)/2;f158=(f1+$158)/2;f159=(f1+$159)/2;f160=(f1+$160)/2;f161=(f1+$161)/2;f162=(f1+$162)/2;f163=(f1+$163)/2;f164=(f1+$164)/2;f165=(f1+$165)/2;f166=(f1+$166)/2;f167=(f1+$167)/2;f168=(f1+$168)/2;f169=(f1+$169)/2;f170=(f1+$170)/2;f171=(f1+$171)/2;f172=(f1+$172)/2;f173=(f1+$173)/2;f174=(f1+$174)/2;f175=(f1+$175)/2;f176=(f1+$176)/2;f177=(f1+$177)/2;f178=(f1+$178)/2;f179=(f1+$179)/2;f180=(f1+$180)/2;f181=(f1+$181)/2;f182=(f1+$182)/2;f183=(f1+$183)/2;f184=(f1+$184)/2;f185=(f1+$185)/2;f186=(f1+$186)/2;f187=(f1+$187)/2;f188=(f1+$188)/2;f189=(f1+$189)/2;f190=(f1+$190)/2;f191=(f1+$191)/2;f192=(f1+$192)/2;f193=(f1+$193)/2;f194=(f1+$194)/2;f195=(f1+$195)/2;f196=(f1+$196)/2;f197=(f1+$197)/2;f198=(f1+$198)/2;f199=(f1+$199)/2;f200=(f1+$200)/2;f201=(f1+$201)/2;f202=(f1+$202)/2;f203=(f1+$203)/2;f204=(f1+$204)/2;f205=(f1+$205)/2;f206=(f1+$206)/2;f207=(f1+$207)/2;f208=(f1+$208)/2;f209=(f1+$209)/2;f210=(f1+$210)/2;f211=(f1+$211)/2;f212=(f1+$212)/2;f213=(f1+$213)/2;f214=(f1+$214)/2;f215=(f1+$215)/2;f216=(f1+$216)/2;f217=(f1+$217)/2;f218=(f1+$218)/2;f219=(f1+$219)/2;f220=(f1+$220)/2;f221=(f1+$221)/2;f222=(f1+$222)/2;f223=(f1+$223)/2;f224=(f1+$224)/2;f225=(f1+$225)/2;f226=(f1+$226)/2;f227=(f1+$227)/2;f228=(f1+$228)/2;f229=(f1+$229)/2;f23
```



```
829 #23.27(17.50 29.80 3.51) 17.4(10.0 378.0 53.1) #mean(min,max:rmsc) of ST and OS for cr in 2 3 4 5 6 7
8 9 10: do for cm in 10 20 30 40 50 60 70 80 90 100: do b=1:tt=100:it0=100
830 #22.60(17.60 31.70 2.57) 26.6(10.0 396.0 54.4) #mean(min,max:rmsc) of ST and OS for cr in 2 3 4 5 6 7
8 9 10: do for cm in 10 20 30 40 50 60 70 80 90 100: do b=1:tt=50:it0=100
831 #####
832 #21.35(19.60 24.60 0.85) 25.5(10.0 57.0 15.3) #mean(min,max:rmsc) of ST and OS bestST f1234 for cr in
2 3 4 5 6 7 8 9 10: do for cm in 10 20 30 40 50 60 70 80 90 100: do with b=1 it0=10
833 #21.98(19.10 26.00 1.18) 11.4(10.0 58.0 12.2) #mean(min,max:rmsc) of ST and OS BestST f1234 for cr in
2 3 4 5 6 7 8 9 10: do for cm in 10 20 30 40 50 60 70 80 90 100: do with b=10 it0=10
834 #21.60(16.60 28.30 3.02) 58.3(10.0 387.0 95.2) #mean(min,max:rmsc) of ST and OSBestST f1234 for cr in
2 3 4 5 6 7 8 9 10: do for cm in 10 20 30 40 50 60 70 80 90 100: do with b=10 it0=100 tt=100
835 #####
836 #####
837 #26.46(22.50 32.90 2.33) 4.7(10.0 83.0 10.0) #mean(min,max:rmsc) of ST and OS bestOS f1234 for cr in
2 3 4 5 6 7 8 9 10: do for cm in 10 20 30 40 50 60 70 80 90 100: do with b=1 it0=10
838 #26.11(21.00 32.00 2.17) 0.5(10.0 23.0 2.8) #mean(min,max:rmsc) of ST and OS BestOS f1234 for cr in
2 3 4 5 6 7 8 9 10: do for cm in 10 20 30 40 50 60 70 80 90 100: do with b=10 it0=10
839 #####
840 #b=10 cr2cm10N30 real285m14.956s user263m8.547s sys19m5.576s
842 -1.0 0 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti21S2r5Tl00
843 -1.0 4047 1 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti21S2r5Tl00
844 20.1 41 2 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti21S2r5Tl00
845 23.2 53 3 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti21S2r5Tl00
846 22.7 60 4 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti21S2r5Tl00
847 22.3 93 5 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti21S2r5Tl00
848 30.3 105 6 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti21S2r5Tl00
849 24.6 25 7 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti21S2r5Tl00
850 30.8 3 8 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti21S2r5Tl00
851 27.4 1 9 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti21S2r5Tl00
852 18.3 10 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti21S2r5Tl00
853 22.8 0 11 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti21S2r5Tl00
854 34.7 0 12 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti21S2r5Tl00
855 22.6 28 13 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti21S2r5Tl00
856 30.2 0 14 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti21S2r5Tl00
857 29.9 0 15 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti21S2r5Tl00
858 32.0 4 16 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti21S2r5Tl00
859 32.6 0 17 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti21S2r5Tl00
860 26.9 1 18 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti21S2r5Tl00
861 24.1 0 19 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti21S2r5Tl00
862 29.1 0 20 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti21S2r5Tl00
863 31.4 0 21 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti21S2r5Tl00
864 25.6 0 22 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti21S2r5Tl00
865 33.0 0 23 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti21S2r5Tl00
866 20.6 7 24 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti21S2r5Tl00
867 31.7 0 25 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti21S2r5Tl00
868 29.3 0 26 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti21S2r5Tl00
869 17.1 62 27 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti21S2r5Tl00
870 28.4 1 28 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti21S2r5Tl00
871 25.5 0 29 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti21S2r5Tl00
872 29.0 1 30 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti21S2r5Tl00
873 29.1 0 31 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti21S2r5Tl00
874 25.2 5 32 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti21S2r5Tl00
875 20.7 13 33 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti21S2r5Tl00
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903 20.7 84 61 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti21S2r5Tl00
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946 #BestST+0.01OS: 19.8 52 93 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti21S2r5Tl00
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1083 42.6 516 32 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1084 27.2 181 33 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1085 20.8 71 34 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1086 41.7 18 35 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1087 21.3 0 36 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1088 18.7 64 37 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1089 19.1 38 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1090 42.2 1 39 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1091 26.5 19 40 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1092 26.8 8 41 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1093 33.2 0 42 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1094 27.8 7 43 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1095 40.3 4 44 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1096 35.6 8 45 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1097 33.3 0 46 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1098 34.7 0 47 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1099 31.0 48 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1100 37.9 1 49 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1101 38.4 0 50 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1102 36.5 0 51 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1103 31.0 52 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1104 39.5 0 53 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1105 40.5 0 54 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1106 33.9 0 55 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1107 42.3 0 56 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1108 35.2 7 57 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1109 42.4 0 58 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1110 32.9 0 59 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1111 65.0 635 60 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1112 28.6 0 61 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1113 19.2 0 62 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1114 21.1 0 63 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1115 54.3 555 64 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1116 23.8 158 65 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1117 41.4 201 66 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1118 43.0 0 67 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1119 37.2 0 68 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1120 36.2 0 69 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1121 32.2 0 70 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1122 32.8 0 71 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1123 33.7 0 72 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1124 37.1 0 73 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1125 54.0 1 74 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1126 59.8 1343 75 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1127 38.1 0 76 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1128 34.1 0 77 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1129 32.2 0 78 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1130 27.2 18 79 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1131 27.3 54 80 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1132 30.6 1 81 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1133 29.7 143 82 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1134 35.2 0 83 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1135 35.3 0 84 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1136 29.9 0 85 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1137 35.1 0 86 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1138 31.3 0 87 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1139 31.1 0 88 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1140 29.4 0 89 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1141 34.5 0 90 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1142 -1.0 0 91 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1143 30.5 649 92 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1144 36.4 1398 93 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1145 61.9 979 94 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1146 76.8 0 95 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1147 28.1 0 96 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1148 25.5 0 97 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100
1149 18.3 15 98 #ST[s] OS[mm] it for cr10cm100N8ny4nu4ti12IS2r5Tl100


```
1304 ##m#it0=10 first trial
1305 [1] select N
1306 ()
1307 make CC=icc
1308 (1)method:12:30:10:0:7:0 バキーン N=30, b=n_bags=10, alpha=0.7,seed=0で実行, it.i:20:1 で学習 制御 イタレー
ションを20、学習データを1イタレーション分,
1309 N=8;a=0.7;b=10;r=5;cr=2;cm=10;it0=10;it1=2;it=5#{it0}:5#{it1};T=100
1310 N=8;a=0.7;b=10;r=5;cr=10;cm=10;it0=10;it1=2;it=5#{it0}:5#{it1};T=100
1311 N=8;a=0.7;b=10;r=5;cr=2;cm=10;it0=10;it1=2;it=5#{it0}:5#{it1};T=100
1312 N=8;a=0.7;b=10;r=5;cr=10;cm=100;it0=10;it1=2;it=5#{it0}:5#{it1};T=100
1313 N=30;a=0.7;b=10;r=5;cr=2;cm=80;it0=10;it1=2;it=5#{it0}:5#{it1};T=100
1314 #b=1;#b=10;
1315 cmd="emulate_crane2 it:5#{it} r:5#{r} cr:5#{cr} cm:5#{cm} cc:0.5 umax:10 tc:100 kxt:1 method:12:5#{N}:5#{b}
):5#{a} DISP:0 listSS:1 r:100 N2s:12 LAMBDA:0.01"
1316 make data-clean,date,time %cmd,date
1317 d0=~/result-mspc; if [ -e $d0 ]; then mkdir $d0;fi
1318 dl=5#{d0}/a5{a}b5{b}; if [ -e $dl ]; then mkdir $dl;fi
1319 mv result-ensrsge/net, $dl;
1320 listSS=5#{dl}/net_cr5{cr}cm5{cm}N5{N}ny4nu4ti5{itl}I2s2r5{r}T5{t}it5{it0}/listSS.dat''cp $listSS li
stSS.dat
1321 cmd="cat listSS.dat|awk 'BEGIN {vme=le9} (if($1>0) {v=5+$1*0.01; if (v<vm) {vme=v+$3+1}} END {print f($head %d listSS.dat",-1)'\';echo -n "#BestOS+0.01ST: 29.9 0 10 #ST[s] OS[mm] it for cr2cm80N30ny4nu4ti2IS2r5Tl100
f"$(($1>0) {v=5+$1*0.01*$2; if (v<vm) {vme=v+$3+1}} END {printf("head %d listSS.dat",-1)'\';echo -n "#Best
ST+0.01OS: ~5$cmd | tail -1
1322 cat listSS.dat
1323
1324 emulate_crane2 it:10:2 r:5 cr:2 cm:80 cc:0.5 umax:10 tc:100 kxt:1 method:12:30:10:0:7:0 DISP:0 lists
S:1 T:100 N2s:12 LAMBDA:0.01 additional learning
1325 #BestOS+0.01ST: 29.9 0 10 #ST[s] OS[mm] it for cr2cm80N30ny4nu4ti2IS2r5Tl100
1326 #BestST+0.01OS: 20.6 27 9 #ST[s] OS[mm] it for cr2cm80N30ny4nu4ti2IS2r5Tl100
1327
1328 ##m#b=1
1329 #cr2cm10
1330 #cr2cm10N40 b1
1331 #BestOS+0.01ST: 33.9 0 8 #ST[s] OS[mm] it for cr2cm10N40ny4nu4ti2IS2r5Tl100
1332 #BestST+0.01OS: 18.8 91 3 #ST[s] OS[mm] it for cr2cm10N40ny4nu4ti2IS2r5Tl100
1333 kuro@kurolab-VB:~/setu/2013/mspc$ -1.0 0 0 #ST[s] OS[mm] it for cr2cm10N40ny4nu4ti2IS2r5Tl100
1334 -1.0 0 1 #ST[s] OS[mm] it for cr2cm10N40ny4nu4ti2IS2r5Tl100
1335 32.2 360 2 #ST[s] OS[mm] it for cr2cm10N40ny4nu4ti2IS2r5Tl100
1336 18.8 91 3 #ST[s] OS[mm] it for cr2cm10N40ny4nu4ti2IS2r5Tl100
1337 21.8 24 4 #ST[s] OS[mm] it for cr2cm10N40ny4nu4ti2IS2r5Tl100
1338 20.9 65 5 #ST[s] OS[mm] it for cr2cm10N40ny4nu4ti2IS2r5Tl100
1339 39.5 8 6 #ST[s] OS[mm] it for cr2cm10N40ny4nu4ti2IS2r5Tl100
1340 36.4 1 7 #ST[s] OS[mm] it for cr2cm10N40ny4nu4ti2IS2r5Tl100
1341 33.9 0 8 #ST[s] OS[mm] it for cr2cm10N40ny4nu4ti2IS2r5Tl100
1342 -1.0 1660 9 #ST[s] OS[mm] it for cr2cm10N40ny4nu4ti2IS2r5Tl100
1343 36.5 0 10 #ST[s] OS[mm] it for cr2cm10N40ny4nu4ti2IS2r5Tl100
1344 #cr2cm10N30 b1
1345 #BestOS+0.01ST: 26.4 0 10 #ST[s] OS[mm] it for cr2cm10N30ny4nu4ti2IS2r5Tl100 BestOS
1346 #BestST+0.01OS: 20.7 31 4 #ST[s] OS[mm] it for cr2cm10N30ny4nu4ti2IS2r5Tl100
1347 kuro@kurolab-VB:~/setu/2013/mspc$ -1.0 0 0 #ST[s] OS[mm] it for cr2cm10N30ny4nu4ti2IS2r5Tl100
1348 60.1 23 1 #ST[s] OS[mm] it for cr2cm10N30ny4nu4ti2IS2r5Tl100
1349 38.5 46 3 #ST[s] OS[mm] it for cr2cm10N30ny4nu4ti2IS2r5Tl100
1350 29.3 9 3 #ST[s] OS[mm] it for cr2cm10N30ny4nu4ti2IS2r5Tl100
1351 20.7 31 4 #ST[s] OS[mm] it for cr2cm10N30ny4nu4ti2IS2r5Tl100
1352 31.4 5 5 #ST[s] OS[mm] it for cr2cm10N30ny4nu4ti2IS2r5Tl100
1353 54.6 9 6 #ST[s] OS[mm] it for cr2cm10N30ny4nu4ti2IS2r5Tl100
1354 23.2 1 7 #ST[s] OS[mm] it for cr2cm10N30ny4nu4ti2IS2r5Tl100
1355 27.5 104 8 #ST[s] OS[mm] it for cr2cm10N30ny4nu4ti2IS2r5Tl100
1356 38.9 416 9 #ST[s] OS[mm] it for cr2cm10N30ny4nu4ti2IS2r5Tl100
1357 26.4 0 10 #ST[s] OS[mm] it for cr2cm10N30ny4nu4ti2IS2r5Tl100
1358 #cr2cm10N20 b1
1359 #BestOS+0.01ST: 42.1 0 6 #ST[s] OS[mm] it for cr2cm10N20ny4nu4ti2IS2r5Tl100
1360 #BestST+0.01OS: 20.4 56 3 #ST[s] OS[mm] it for cr2cm10N20ny4nu4ti2IS2r5Tl100 BestST+++
1361 -1.0 0 0 #ST[s] OS[mm] it for cr2cm10N20ny4nu4ti2IS2r5Tl100
1362 -1.0 10956 1 #ST[s] OS[mm] it for cr2cm10N20ny4nu4ti2IS2r5Tl100
1363 60.4 135 2 #ST[s] OS[mm] it for cr2cm10N20ny4nu4ti2IS2r5Tl100
1364 20.4 56 3 #ST[s] OS[mm] it for cr2cm10N20ny4nu4ti2IS2r5Tl100
1365 35.8 289 4 #ST[s] OS[mm] it for cr2cm10N20ny4nu4ti2IS2r5Tl100
1366 28.8 6 5 #ST[s] OS[mm] it for cr2cm10N20ny4nu4ti2IS2r5Tl100
1367 42.1 0 6 #ST[s] OS[mm] it for cr2cm10N20ny4nu4ti2IS2r5Tl100
1368 28.4 10 7 #ST[s] OS[mm] it for cr2cm10N20ny4nu4ti2IS2r5Tl100
1369 30.7 148 8 #ST[s] OS[mm] it for cr2cm10N20ny4nu4ti2IS2r5Tl100
1370 45.5 754 9 #ST[s] OS[mm] it for cr2cm10N20ny4nu4ti2IS2r5Tl100
1371 25.2 101 10 #ST[s] OS[mm] it for cr2cm10N20ny4nu4ti2IS2r5Tl100
1372 #cr2cm10N10 b1
1373 #BestOS+0.01ST: 31.5 0 7 #ST[s] OS[mm] it for cr2cm10N10ny4nu4ti2IS2r5Tl100
1374 #BestST+0.01OS: 21.3 96 3 #ST[s] OS[mm] it for cr2cm10N10ny4nu4ti2IS2r5Tl100
1375 kuro@kurolab-VB:~/setu/2013/mspc$ -1.0 0 0 #ST[s] OS[mm] it for cr2cm10N10ny4nu4ti2IS2r5Tl100
1376 75.7 6382 1 #ST[s] OS[mm] it for cr2cm10N10ny4nu4ti2IS2r5Tl100
1377 36.4 178 2 #ST[s] OS[mm] it for cr2cm10N10ny4nu4ti2IS2r5Tl100
1378 21.3 96 3 #ST[s] OS[mm] it for cr2cm10N10ny4nu4ti2IS2r5Tl100
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```
1379 36.2 484 4 #ST[s] OS[mm] it for cr2cm10N10ny4nu4ti2IS2r5Tl100
1380 36.3 3 5 #ST[s] OS[mm] it for cr2cm10N10ny4nu4ti2IS2r5Tl100
1381 33.2 353 6 #ST[s] OS[mm] it for cr2cm10N10ny4nu4ti2IS2r5Tl100
1382 31.5 0 7 #ST[s] OS[mm] it for cr2cm10N10ny4nu4ti2IS2r5Tl100
1383 22.2 11 8 #ST[s] OS[mm] it for cr2cm10N10ny4nu4ti2IS2r5Tl100
1384 31.5 9 9 #ST[s] OS[mm] it for cr2cm10N10ny4nu4ti2IS2r5Tl100
1385 26.3 101 10 #ST[s] OS[mm] it for cr2cm10N10ny4nu4ti2IS2r5Tl100
1386 ##m#b=1;N10cr10cm10
1387 N30cr10cm10 b1
1388 #BestOS+0.01ST: 45.2 4 3 9 #ST[s] OS[mm] it for cr10cm10N30ny4nu4ti2IS2r5Tl100
1389 #BestST+0.01OS: 22.2 14 4 #ST[s] OS[mm] it for cr10cm10N30ny4nu4ti2IS2r5Tl100
1390 -1.0 0 #ST[s] OS[mm] it for cr10cm10N30ny4nu4ti2IS2r5Tl100
1391 -1.0 1290 1 #ST[s] OS[mm] it for cr10cm10N30ny4nu4ti2IS2r5Tl100
1392 -1.0 398 2 #ST[s] OS[mm] it for cr10cm10N30ny4nu4ti2IS2r5Tl100
1393 -1.0 230 3 #ST[s] OS[mm] it for cr10cm10N30ny4nu4ti2IS2r5Tl100
1394 23.2 14 4 #ST[s] OS[mm] it for cr10cm10N30ny4nu4ti2IS2r5Tl100
1395 53.6 1437 5 #ST[s] OS[mm] it for cr10cm10N30ny4nu4ti2IS2r5Tl100
1396 38.6 453 6 #ST[s] OS[mm] it for cr10cm10N30ny4nu4ti2IS2r5Tl100
1397 29.5 6 7 #ST[s] OS[mm] it for cr10cm10N30ny4nu4ti2IS2r5Tl100
1398 49.9 1114 8 #ST[s] OS[mm] it for cr10cm10N30ny4nu4ti2IS2r5Tl100
1399 45.4 3 9 #ST[s] OS[mm] it for cr10cm10N30ny4nu4ti2IS2r5Tl100
1400 58.8 812 10 #ST[s] OS[mm] it for cr10cm10N30ny4nu4ti2IS2r5Tl100
1401 #N20cr10cm10 b1
1402 #BestOS+0.01ST: 25.7 4 10 #ST[s] OS[mm] it for cr10cm10N20ny4nu4ti2IS2r5Tl100
1403 #BestST+0.01OS: 20.3 27 8 #ST[s] OS[mm] it for cr10cm10N20ny4nu4ti2IS2r5Tl100
1404 -1.0 0 #ST[s] OS[mm] it for cr10cm10N20ny4nu4ti2IS2r5Tl100
1405 -1.0 290 1 #ST[s] OS[mm] it for cr10cm10N20ny4nu4ti2IS2r5Tl100
1406 -1.0 365 2 #ST[s] OS[mm] it for cr10cm10N20ny4nu4ti2IS2r5Tl100
1407 26.8 23 3 #ST[s] OS[mm] it for cr10cm10N20ny4nu4ti2IS2r5Tl100
1408 24.4 31 4 #ST[s] OS[mm] it for cr10cm10N20ny4nu4ti2IS2r5Tl100
1409 28.7 17 5 #ST[s] OS[mm] it for cr10cm10N20ny4nu4ti2IS2r5Tl100
1410 49.2 1518 6 #ST[s] OS[mm] it for cr10cm10N20ny4nu4ti2IS2r5Tl100
1411 28.0 26 7 #ST[s] OS[mm] it for cr10cm10N20ny4nu4ti2IS2r5Tl100
1412 20.3 27 8 #ST[s] OS[mm] it for cr10cm10N20ny4nu4ti2IS2r5Tl100
1413 26.7 221 9 #ST[s] OS[mm] it for cr10cm10N20ny4nu4ti2IS2r5Tl100
1414 25.7 4 10 #ST[s] OS[mm] it for cr10cm10N20ny4nu4ti2IS2r5Tl100
1415 N10cr10cm10 b1
1416 #BestOS+0.01ST: 28.3 1 8 #ST[s] OS[mm] it for cr10cm10N10ny4nu4ti2IS2r5Tl100 BestOS
1417 #BestST+0.01OS: 23.4 17 6 #ST[s] OS[mm] it for cr10cm10N10ny4nu4ti2IS2r5Tl100
1418 kuro@kurolab-VB:~/setu/2013/mspc$ -1.0 0 0 #ST[s] OS[mm] it for cr10cm10N10ny4nu4ti2IS2r5Tl100
1419 99.4 683 1 #ST[s] OS[mm] it for cr10cm10N10ny4nu4ti2IS2r5Tl100
1420 28.2 34 2 #ST[s] OS[mm] it for cr10cm10N10ny4nu4ti2IS2r5Tl100
1421 27.2 3 3 #ST[s] OS[mm] it for cr10cm10N10ny4nu4ti2IS2r5Tl100
1422 30.6 9 4 #ST[s] OS[mm] it for cr10cm10N10ny4nu4ti2IS2r5Tl100
1423 41.4 1344 5 #ST[s] OS[mm] it for cr10cm10N10ny4nu4ti2IS2r5Tl100
1424 23.4 17 6 #ST[s] OS[mm] it for cr10cm10N10ny4nu4ti2IS2r5Tl100
1425 34.8 1 7 #ST[s] OS[mm] it for cr10cm10N10ny4nu4ti2IS2r5Tl100
1426 28.3 1 8 #ST[s] OS[mm] it for cr10cm10N10ny4nu4ti2IS2r5Tl100
1427 33.2 393 9 #ST[s] OS[mm] it for cr10cm10N10ny4nu4ti2IS2r5Tl100
1428 -1.0 738 10 #ST[s] OS[mm] it for cr10cm10N10ny4nu4ti2IS2r5Tl100
1429 #N8cr10cm10 b1
1430 #BestOS+0.01ST: 29.8 2 8 #ST[s] OS[mm] it for cr10cm10N8ny4nu4ti2IS2r5Tl100
1431 #BestST+0.01OS: 24.1 13 3 #ST[s] OS[mm] it for cr10cm10N8ny4nu4ti2IS2r5Tl100
1432 -1.0 0 #ST[s] OS[mm] it for cr10cm10N8ny4nu4ti2IS2r5Tl100
1433 93.2 615 2 #ST[s] OS[mm] it for cr10cm10N8ny4nu4ti2IS2r5Tl100
1434 24.1 13 3 #ST[s] OS[mm] it for cr10cm10N8ny4nu4ti2IS2r5Tl100
1435 31.6 2 4 #ST[s] OS[mm] it for cr10cm10N8ny4nu4ti2IS2r5Tl100
1436 30.0 18 5 #ST[s] OS[mm] it for cr10cm10N8ny4nu4ti2IS2r5Tl100
1437 34.2 12 6 #ST[s] OS[mm] it for cr10cm10N8ny4nu4ti2IS2r5Tl100
1438 24.0 55 7 #ST[s] OS[mm] it for cr10cm10N8ny4nu4ti2IS2r5Tl100
1439 29.8 2 8 #ST[s] OS[mm] it for cr10cm10N8ny4nu4ti2IS2r5Tl100
1440 24.5 7 9 #ST[s] OS[mm] it for cr10cm10N8ny4nu4ti2IS2r5Tl100
1441 24.9 33 10 #ST[s] OS[mm] it for cr10cm10N8ny4nu4ti2IS2r5Tl100
1442 ##b1cr2cm100
1443 #N40 b1cr2cm100
1444 #BestOS+0.01ST: 27.6 1 3 #ST[s] OS[mm] it for cr2cm100N40ny4nu4ti2IS2r5Tl100
1445 #BestST+0.01OS: 21.9 25 7 #ST[s] OS[mm] it for cr2cm100N40ny4nu4ti2IS2r5Tl100
1446 #N30 b1cr2cm100
1447 #N30 b1cr2cm100
1448 #BestOS+0.01ST: 21.6 4 2 #ST[s] OS[mm] it for cr2cm100N30ny4nu4ti2IS2r5Tl100
1449 #BestST+0.01OS: 21.6 4 2 #ST[s] OS[mm] it for cr2cm100N30ny4nu4ti2IS2r5Tl100 BestST+++
1450 -1.0 0 6007 1 #ST[s] OS[mm] it for cr2cm100N30ny4nu4ti2IS2r5Tl100
1451 21.6 4 2 #ST[s] OS[mm] it for cr2cm100N30ny4nu4ti2IS2r5Tl100
1452 32.5 172 3 #ST[s] OS[mm] it for cr2cm100N30ny4nu4ti2IS2r5Tl100
1453 21.1 93 4 #ST[s] OS[mm] it for cr2cm100N30ny4nu4ti2IS2r5Tl100
1454 31.2 156 5 #ST[s] OS[mm] it for cr2cm100N30ny4nu4ti2IS2r5Tl100
1455 27.6 8 6 #ST[s] OS[mm] it for cr2cm100N30ny4nu4ti2IS2r5Tl100
1456 37.0 560 7 #ST[s] OS[mm] it for cr2cm100N30ny4nu4ti2IS2r5Tl100
1457 25.2 14 8 #ST[s] OS[mm] it for cr2cm100N30ny4nu4ti2IS2r5Tl100
1458 39.8 376 9 #ST[s] OS[mm] it for cr2cm100N30ny4nu4ti2IS2r5Tl100
1459 42.0 212 10 #ST[s] OS[mm] it for cr2cm100N30ny4nu4ti2IS2r5Tl100
```

```
1461 #N20 b1cr2cm100
1462 #BestOS+0.01ST: 24.2 0 2 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00 BestOS
1463 #BestST+0.01OS: 24.2 0 2 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
1464 kuro@kurolab-VB:~/sotu/2013/msep$ -1.0 0 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
1465 -1.0 430 1 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
1466 24.2 0 2 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
1467 41.2 349 3 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
1468 26.5 4 4 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
1469 34.5 221 5 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
1470 29.1 0 6 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
1471 36.7 7 7 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
1472 24.8 23 8 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
1473 28.1 117 9 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
1474 39.1 468 10 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
1475 #N10 b1cr2cm100
1476 #BestOS+0.01ST: 38.0 7 6 #ST[s] OS[mm] it for cr2cm100N10ny4nu4it12IS2r5Tl00
1477 #BestST+0.01OS: 23.0 37 9 #ST[s] OS[mm] it for cr2cm100N10ny4nu4it12IS2r5Tl00
1478 kuro@kurolab-VB:~/sotu/2013/msep$ -1.0 0 #ST[s] OS[mm] it for cr2cm100N10ny4nu4it12IS2r5Tl00
1479 -1.0 7962 1 #ST[s] OS[mm] it for cr2cm100N10ny4nu4it12IS2r5Tl00
1480 38.1 183 2 #ST[s] OS[mm] it for cr2cm100N10ny4nu4it12IS2r5Tl00
1481 36.9 199 3 #ST[s] OS[mm] it for cr2cm100N10ny4nu4it12IS2r5Tl00
1482 23.1 92 4 #ST[s] OS[mm] it for cr2cm100N10ny4nu4it12IS2r5Tl00
1483 22.6 88 5 #ST[s] OS[mm] it for cr2cm100N10ny4nu4it12IS2r5Tl00
1484 38.0 7 6 #ST[s] OS[mm] it for cr2cm100N10ny4nu4it12IS2r5Tl00
1485 25.7 39 7 #ST[s] OS[mm] it for cr2cm100N10ny4nu4it12IS2r5Tl00
1486 44.8 21 8 #ST[s] OS[mm] it for cr2cm100N10ny4nu4it12IS2r5Tl00
1487 23.0 37 9 #ST[s] OS[mm] it for cr2cm100N10ny4nu4it12IS2r5Tl00
1488 36.8 224 10 #ST[s] OS[mm] it for cr2cm100N10ny4nu4it12IS2r5Tl00
1489 ##b1cr2cm100
1490 ##N30b1cr10cm100
1491 #BestOS+0.01ST: 51.9 19 2 #ST[s] OS[mm] it for cr10cm100N30ny4nu4it12IS2r5Tl00
1492 #BestST+0.01OS: 51.9 19 2 #ST[s] OS[mm] it for cr10cm100N30ny4nu4it12IS2r5Tl00
1493 -1.0 1 0 #ST[s] OS[mm] it for cr10cm100N30ny4nu4it12IS2r5Tl00
1494 99.1 1768 1 #ST[s] OS[mm] it for cr10cm100N30ny4nu4it12IS2r5Tl00
1495 51.9 19 2 #ST[s] OS[mm] it for cr10cm100N30ny4nu4it12IS2r5Tl00
1496 -1.0 1 0 3 #ST[s] OS[mm] it for cr10cm100N30ny4nu4it12IS2r5Tl00
1497 -1.0 1122 4 #ST[s] OS[mm] it for cr10cm100N30ny4nu4it12IS2r5Tl00
1498 -1.0 2302 5 #ST[s] OS[mm] it for cr10cm100N30ny4nu4it12IS2r5Tl00
1499 -1.0 6297 6 #ST[s] OS[mm] it for cr10cm100N30ny4nu4it12IS2r5Tl00
1500 -1.0 826 7 #ST[s] OS[mm] it for cr10cm100N30ny4nu4it12IS2r5Tl00
1501 -1.0 5926 8 #ST[s] OS[mm] it for cr10cm100N30ny4nu4it12IS2r5Tl00
1502 89.8 349 9 #ST[s] OS[mm] it for cr10cm100N30ny4nu4it12IS2r5Tl00
1503 -1.0 4424 10 #ST[s] OS[mm] it for cr10cm100N30ny4nu4it12IS2r5Tl00
1504 ##N20b1cr10cm100
1505 #BestOS+0.01ST: 57.6 10 9 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
1506 #BestST+0.01OS: 57.6 10 9 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
1507 kuro@kurolab-VB:~/sotu/2013/msep$ -1.0 0 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
1508 -1.0 9538 1 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
1509 -1.0 1915 2 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
1510 -1.0 2233 3 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
1511 -1.0 3919 4 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
1512 -1.0 411 5 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
1513 -1.0 6 6 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
1514 -1.0 934 7 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
1515 -1.0 1104 8 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
1516 57.6 10 9 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
1517 -1.0 357 10 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
1518 ##N10b1cr10cm100
1519 #BestOS+0.01ST: 25.2 0 4 #ST[s] OS[mm] it for cr10cm100N10ny4nu4it12IS2r5Tl00
1520 #BestST+0.01OS: 25.2 0 4 #ST[s] OS[mm] it for cr10cm100N10ny4nu4it12IS2r5Tl00
1521 kuro@kurolab-VB:~/sotu/2013/msep$ -1.0 0 #ST[s] OS[mm] it for cr10cm100N10ny4nu4it12IS2r5Tl00
1522 -1.0 1 #ST[s] OS[mm] it for cr10cm100N10ny4nu4it12IS2r5Tl00
1523 92.3 1660 2 #ST[s] OS[mm] it for cr10cm100N10ny4nu4it12IS2r5Tl00
1524 34.4 6 3 #ST[s] OS[mm] it for cr10cm100N10ny4nu4it12IS2r5Tl00
1525 25.2 0 4 #ST[s] OS[mm] it for cr10cm100N10ny4nu4it12IS2r5Tl00
1526 70.2 921 5 #ST[s] OS[mm] it for cr10cm100N10ny4nu4it12IS2r5Tl00
1527 31.1 0 6 #ST[s] OS[mm] it for cr10cm100N10ny4nu4it12IS2r5Tl00
1528 60.0 6629 7 #ST[s] OS[mm] it for cr10cm100N10ny4nu4it12IS2r5Tl00
1529 34.8 0 8 #ST[s] OS[mm] it for cr10cm100N10ny4nu4it12IS2r5Tl00
1530 -1.0 7718 9 #ST[s] OS[mm] it for cr10cm100N10ny4nu4it12IS2r5Tl00
1531 35.0 0 10 #ST[s] OS[mm] it for cr10cm100N10ny4nu4it12IS2r5Tl00
1532 ##N8b1cr10cm100
1533 #BestOS+0.01ST: 24.8 0 10 #ST[s] OS[mm] it for cr10cm100N8ny4nu4it12IS2r5Tl00
1534 #BestST+0.01OS: 20.6 43 5 #ST[s] OS[mm] it for cr10cm100N8ny4nu4it12IS2r5Tl00
1535 -1.0 0 #ST[s] OS[mm] it for cr10cm100N8ny4nu4it12IS2r5Tl00
1536 -1.0 351 1 #ST[s] OS[mm] it for cr10cm100N8ny4nu4it12IS2r5Tl00
1537 67.4 113 2 #ST[s] OS[mm] it for cr10cm100N8ny4nu4it12IS2r5Tl00
1538 -1.0 0 3 #ST[s] OS[mm] it for cr10cm100N8ny4nu4it12IS2r5Tl00
1539 -1.0 1797 4 #ST[s] OS[mm] it for cr10cm100N8ny4nu4it12IS2r5Tl00
1540 20.6 43 5 #ST[s] OS[mm] it for cr10cm100N8ny4nu4it12IS2r5Tl00
1541 28.3 22 6 #ST[s] OS[mm] it for cr10cm100N8ny4nu4it12IS2r5Tl00
1542 27.8 37 7 #ST[s] OS[mm] it for cr10cm100N8ny4nu4it12IS2r5Tl00
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1543 -1.0 0 8 #ST[s] OS[mm] it for cr10cm100N8ny4nu4it12IS2r5Tl00
1544 29.6 0 9 #ST[s] OS[mm] it for cr10cm100N8ny4nu4it12IS2r5Tl00
1545 24.8 0 10 #ST[s] OS[mm] it for cr10cm100N8ny4nu4it12IS2r5Tl00
1546 ##N6b1cr10cm100
1547 #BestOS+0.01ST: 21.2 0 7 #ST[s] OS[mm] it for cr10cm100N6ny4nu4it12IS2r5Tl00 BestOS
1548 #BestST+0.01OS: 21.2 0 7 #ST[s] OS[mm] it for cr10cm100N6ny4nu4it12IS2r5Tl00
1549 kuro@kurolab-VB:~/sotu/2013/msep$ -1.0 0 #ST[s] OS[mm] it for cr10cm100N6ny4nu4it12IS2r5Tl00
1550 -1.0 1918 1 #ST[s] OS[mm] it for cr10cm100N6ny4nu4it12IS2r5Tl00
1551 33.1 14 2 #ST[s] OS[mm] it for cr10cm100N6ny4nu4it12IS2r5Tl00
1552 31.0 113 3 #ST[s] OS[mm] it for cr10cm100N6ny4nu4it12IS2r5Tl00
1553 27.2 1 4 #ST[s] OS[mm] it for cr10cm100N6ny4nu4it12IS2r5Tl00
1554 33.7 0 5 #ST[s] OS[mm] it for cr10cm100N6ny4nu4it12IS2r5Tl00
1555 30.4 512 6 #ST[s] OS[mm] it for cr10cm100N6ny4nu4it12IS2r5Tl00
1556 21.2 0 7 #ST[s] OS[mm] it for cr10cm100N6ny4nu4it12IS2r5Tl00
1557 34.2 10 8 #ST[s] OS[mm] it for cr10cm100N6ny4nu4it12IS2r5Tl00
1558 -1.0 1941 9 #ST[s] OS[mm] it for cr10cm100N6ny4nu4it12IS2r5Tl00
1559 31.2 910 10 #ST[s] OS[mm] it for cr10cm100N6ny4nu4it12IS2r5Tl00
1560 ##N8b1cr10cm100
1561 #BestOS+0.01ST: 80.3 0 10 #ST[s] OS[mm] it for cr10cm100N4ny4nu4it12IS2r5Tl00
1562 #BestST+0.01OS: 44.3 106 7 #ST[s] OS[mm] it for cr10cm100N4ny4nu4it12IS2r5Tl00
1563 kuro@kurolab-VB:~/sotu/2013/msep$ -1.0 0 #ST[s] OS[mm] it for cr10cm100N4ny4nu4it12IS2r5Tl00
1564 -1.0 4424 1 #ST[s] OS[mm] it for cr10cm100N4ny4nu4it12IS2r5Tl00
1565 -1.0 0 2 #ST[s] OS[mm] it for cr10cm100N4ny4nu4it12IS2r5Tl00
1566 -1.0 0 3 #ST[s] OS[mm] it for cr10cm100N4ny4nu4it12IS2r5Tl00
1567 -1.0 0 4 #ST[s] OS[mm] it for cr10cm100N4ny4nu4it12IS2r5Tl00
1568 -1.0 0 5 #ST[s] OS[mm] it for cr10cm100N4ny4nu4it12IS2r5Tl00
1569 -1.0 6946 6 #ST[s] OS[mm] it for cr10cm100N4ny4nu4it12IS2r5Tl00
1570 44.3 106 7 #ST[s] OS[mm] it for cr10cm100N4ny4nu4it12IS2r5Tl00
1571 -1.0 7872 8 #ST[s] OS[mm] it for cr10cm100N4ny4nu4it12IS2r5Tl00
1572 99.5 1131 9 #ST[s] OS[mm] it for cr10cm100N4ny4nu4it12IS2r5Tl00
1573 80.3 0 10 #ST[s] OS[mm] it for cr10cm100N4ny4nu4it12IS2r5Tl00
1574
1575 [2] switching control first trial iconip2013
1576 a=0.7;bel;
1577 d0=-./result-mspc; if [ ! -e $d0 ]; then mkdir $d0;fi
1578 d1=$d0/a${a}b${b}; if [ ! -e $d1 ]; then mkdir $d1;fi
1579 N1=30;t=10;f1=$d1;/net_cr2cm100N$N1ny4nu4it12IS2r5Tl00i1t${t}; #BestOS+0.01ST: 26.4 0 10 #ST[s] 0
1580 N2=20;t=2;f2=$d1;/net_cr2cm100N$N2ny4nu4it12IS2r5Tl00i1t${t}; #BestOS+0.01ST: 24.2 0 2 #ST[s] 0
1581 N3=10;t=8;f3=$d1;/net_cr10cm100N$N3ny4nu4it12IS2r5Tl00i1t${t}; #BestOS+0.01ST: 28.3 1 8 #ST[s] 0
1582 N4=6;t=7;f4=$d1;/net_cr10cm100N$N4ny4nu4it12IS2r5Tl00i1t${t}; #BestOS+0.01ST: 21.2 0 7 #ST[s] 0
1583 #
1584 N1=20;t=3;f1=$d1;/net_cr2cm100N$N1ny4nu4it12IS2r5Tl00i1t${t}; #BestST+0.01OS: 20.4 56 3 #ST[s] OS
1585 N2=30;t=2;f2=$d1;/net_cr2cm100N$N2ny4nu4it12IS2r5Tl00i1t${t}; #BestST+0.01OS: 21.6 4 2 #ST[s] OS
1586 N3=20;t=8;f3=$d1;/net_cr10cm100N$N3ny4nu4it12IS2r5Tl00i1t${t}; #BestST+0.01OS: 20.3 27 8 #ST[s] OS
1587 N4=8;t=5;f4=$d1;/net_cr10cm100N$N4ny4nu4it12IS2r5Tl00i1t${t}; #BestST+0.01OS: 20.6 43 5 #ST[s] OS
1588 #
1589 ###
1590 f1234=$f1;$f2;$f3;$f4;
1591 N1234=$N1;$N2;$N3;$N4;
1592 Ky=0.1;/rr_kyoyou=0;lm=100mm default
1593 rm listSS.dat;
1594 for cr in 2 2.5 3 3.5 4 4.5 5 5.5 6 6.5 7 7.5 8 8.5 9 9.5 10; do for cm in 10 20 30 40 50 60 70 80 90 100; do
1595 echo -n "$cr $cm ">listSS.dat;
1596 done;done;cat listSS.dat |cat listSS.dat |awk 'BEGIN {sa=oa=0;sm=oe=-1;sm=om=1e4;} {s1n=$3;o1n=$4;
1597 sa+=s3;oa+=s4;+if (sm>$3)sm=$3;if (sm>$4)sm=$4;if (om<$4)om=$4;} END{sa/=n;oa/=n;sv=ov=0;for(
1598 i=0;i<n;i++){se=s[i]-sa;sv+=se*se}/oe=0/i)-oa;ov+=se*se}/oe=0/i);printf("#.2f %.2f %.2f %.1f %.1f %.
1599 1f) #mean(min,max:rms) of ST and OS",sa,sm,sM,sqrt(sv/n),oa,cm,om,sqrt(oV/n));}
1600
1601
1602 cp listSS.dat $(d1)/listSS_bestOS.bl_90.Nt30+10.20+2.10+8.6+7.dat
1603 cp listSS.dat $(d1)/listSS_bestST.bl_90.Nt30+3.30+2.20+8.6+5.dat
1604 _Nt30+10.20+2.10+8.6+7.dat
1605 _Nt30+3.30+2.20+8.6+5.dat
1606
1607 #21.37(19.60 24.10 0.76) 22.4(0.0 67.0 13.9) #mean(min,max:rms) of ST and OS -->listSS_bestST.bl_90
1608 cd ~/sotu/2013/result-mspc
```

```
1609 gnuplot
1610 set style data lines
1611 set styles (0,10,20,30,40,50)
1612 plot [][-5:40] "a0.7b10/net_cr10cm0N3ony4nu4it12IS2r5T100it10:../result-mspc/a0.7b10/net_cr2cm100N20ny4nu4it12
_bestos_b10_9_20+2_30+7_20+9_8+4.dat" using ($0):4, "a0.7b10/listSS_bestos_b10_90_Nt20+2_30+7_20+9_8+4_30
+10.dat" using ($0):4 j
1613 set term tgif;set output "OS-cmcr_bestOS.obj";replot;set term xll
1614
1615 plot "a0.7b1/listSS_bestST_b1_90_Nt20+3_30+2_20+8_8+5.dat" using ($0):3, "a0.7b10/listSS_bestST_b10_
90_Nt30+10_20+7_6+6_8+9.dat" using ($0):3
1616 set term tgif;set output "ST-cmcr_bestST.obj";replot;set term xll
1617
1618 #iconip2013
1619 #bestSTt100 it0=10
1620 #21.37(19.60 24.10 0.76) 22.4(0.0 67.0 13.9) #mean(min,max;rmse) of ST and OS for cr in 2 3 4 5 6 7
8 9 10; do for cm in 10 20 30 40 50 60 70 80 90 100; do #bl tt100 it0=10 tt50evel
1621 #21.97(19.10 26.00 1.21) 11.4(0.0 57.0 12.3) #mean(min,max;rmse) of ST and OS for cr in 2 3 4 5 6 7
8 9 10; do for cm in 10 20 30 40 50 60 70 80 90 100; do #b10 tt100 it0=10 tt50evel
1622 #bestOSTt100 it0=10
1623 #27.05(22.40 36.40 2.57) 3.3(0.0 38.0 5.6) #mean(min,max;rmse) of ST and OS for cr in 2 3 4 5 6 7 8
9 10; do for cm in 10 20 30 40 50 60 70 80 90 100; do #bl tt100 it0=10 tt50evel
1624 #26.10(19.60 29.70 2.35) 0.7(0.0 38.0 4.1) #mean(min,max;rmse) of ST and OS for cr in 2 3 4 5 6 7 8
9 10; do for cm in 10 20 30 40 50 60 70 80 90 100; do #b10 tt100 it0=10 tt50evel
1625
1626 Nouse#21.93(19.20 26.70 1.34) 18.0(0.0 67.0 14.1) #mean(min,max;rmse) of ST and OS for cr in 2 3 4 5
6 7 8 9 10; do for cm in 10 20 30 40 50 60 70 80 90 100; do #b10 tt100 it0=10 tt50evel cr10cm100N6
1627
1628 ##find best and worst results new
1629 cd ~/isotu/2013/result-mspc/a0.7b10
1630 for f in listSS_bestST_b10_90_Nt30+10_20+7_6+6_8+9.dat; do
1631 cp $f tmp.dat
1632 echo "$f#"
1633 cmd=catt tmp.dat|awk 'BEGIN {vm=1e9;i=0} {if ($1>0) {i++;v=$4+$3*0.001; if (v<vm) {vm=v;im=i}}} END {p
rintf("head ->d tmp.dat",im)}',recho -n "#BestOS+0.01ST: ",$cmd|tail -1
1634 cmd=catt tmp.dat|awk 'BEGIN {vm=2e10;i=0} {if ($1>0) {i++;v=$4+$3*0.001; if (v>vm) {vm=v;im=i}}} END {pr
intf("head ->d tmp.dat",im)}',recho -n "#WorstOS+0.01ST: ",$cmd|tail -1
1635 cmd=catt tmp.dat|awk 'BEGIN {vm=1e9;i=0} {if ($1>0) {i++;v=$3+$0.001*$4; if (v<vm) {vm=v;im=i}}} END {p
rintf("head ->d tmp.dat",im)}',recho -n "#BestST+0.01OS: ",$cmd|tail -1
1636 cmd=catt tmp.dat|awk 'BEGIN {vm=2e10;i=0} {if ($1>0) {i++;v=$3+$0.001*$4; if (v>vm) {vm=v;im=i}}} END {pr
intf("head ->d tmp.dat",im)}',recho -n "#WorstST+0.01OS: ",$cmd|tail -1
1637 done
1638 #orig#
1639 #BestST+0.01OS: 10 10 19.1 46 1 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it11IS2r5T100 ySTbestb10.obj
1640 #WorstST+0.01OS: 4 80 26.0 0 1 #ST[s] OS[mm] it for cr4cm0N30ny4nu4it11IS2r5T100 ySTworstb10.obj
1641 emulate_crane2 it:1:1 r:5 cr:4 cm:10 c0:0.5 umax:10 tt:50 kxt:1 ky:0.1 method:12:30:10:0.7:0:../res
ult-mspc/a0.7b10/net_cr2cm100N20ny4nu4it12IS2r5T100it10:../result-mspc/a0.7b10/net_cr2cm100N20ny4nu4it12IS2r5
T100it7:../result-mspc/a0.7b10/net_cr10cm10N6ny4nu4it12IS2r5T100it6:../result-mspc/a0.7b10/net_cr10cm100N8ny4
nu4it12IS2r5T100it9 N:30:20:6:8 DISP:1 listSS:1 T:100 N2s:12 LAMBDA:0.01
1642 cp y.obj $d0/ySTbestb10orig.obj
1643 emulate_crane2 it:1:1 r:5 cr:4 cm:80 c0:0.5 umax:10 tt:50 kxt:1 ky:0.1 method:12:30:10:0.7:0:../resu
lt-mspc/a0.7b10/net_cr2cm10N30ny4nu4it12IS2r5T100it10:../result-mspc/a0.7b10/net_cr2cm100N20ny4nu4it12IS2r5
T100it7:../result-mspc/a0.7b10/net_cr10cm10N6ny4nu4it12IS2r5T100it6:../result-mspc/a0.7b10/net_cr10cm100N8ny4
nu4it12IS2r5T100it9 N:30:20:6:8 DISP:1 listSS:1 T:100 N2s:12 LAMBDA:0.01
1644 cp y.obj $d0/ySTworst10orig.obj
1645
1646 ##find best and worst results old
1647 for f in ST-cmcr-b10-90.dat ST-cmcr-bl-90.dat OS-cmcr-bl-90.dat OS-cmcr-bl-90.dat; do
1648 cp $f tmp.dat
1649 echo "$f#"
1650 cmd=catt tmp.dat|awk 'BEGIN {vm=1e9;i=0} {if ($1>0) {i++;v=$4+$3*0.001; if (v<vm) {vm=v;im=i}}} END {p
rintf("head ->d tmp.dat",im)}',recho -n "#BestOS+0.01ST: ",$cmd|tail -1
1651 cmd=catt tmp.dat|awk 'BEGIN {vm=2e10;i=0} {if ($1>0) {i++;v=$4+$3*0.001; if (v>vm) {vm=v;im=i}}} END {pr
intf("head ->d tmp.dat",im)}',recho -n "#WorstOS+0.01ST: ",$cmd|tail -1
1652 cmd=catt tmp.dat|awk 'BEGIN {vm=1e9;i=0} {if ($1>0) {i++;v=$3+$0.001*$4; if (v<vm) {vm=v;im=i}}} END {p
rintf("head ->d tmp.dat",im)}',recho -n "#BestST+0.01OS: ",$cmd|tail -1
1653 cmd=catt tmp.dat|awk 'BEGIN {vm=2e10;i=0} {if ($1>0) {i++;v=$3+$0.001*$4; if (v>vm) {vm=v;im=i}}} END {pr
intf("head ->d tmp.dat",im)}',recho -n "#WorstST+0.01OS: ",$cmd|tail -1
1654 done
1655 #ST-cmcr-bl0-90.dat new?
1656 #BestST+0.01OS: 10 10 19.2 52 1 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it11IS2r5T100 ySTbestb10.obj
new
1657 #WorstST+0.01OS: 7 100 26.7 1 1 #ST[s] OS[mm] it for cr7cm100N30ny4nu4it11IS2r5T100 ySTworstb10.ob
j new
1658 #ST-cmcr-bl-90.dat
1659 #BestST+0.01OS: 10 10 19.6 67 1 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it11IS2r5T100
1660 #WorstST+0.01OS: 3 100 24.1 0 1 #ST[s] OS[mm] it for cr3cm100N30ny4nu4it11IS2r5T100
1661 #OS-cmcr-bl0-90.dat
1662 #BestOS+0.01ST: 7 40 21.3 0 1 #ST[s] OS[mm] it for cr7cm40N30ny4nu4it11IS2r5T100 yOSbestb10.obj
1663 #WorstOS+0.01ST: 2 80 19.6 38 1 #ST[s] OS[mm] it for cr2cm60N30ny4nu4it11IS2r5T100 yOSworstb10.obj
1664 #OS-cmcr-bl-90.dat
1665 #BestOS+0.01ST: 10 70 23.4 0 1 #ST[s] OS[mm] it for cr10cm70N30ny4nu4it11IS2r5T100
1666 #WorstOS+0.01ST: 9 10 22.8 38 1 #ST[s] OS[mm] it for cr9cm10N30ny4nu4it11IS2r5T100
```

```
1667 #
1668 #old#emulate_crane2 it:1:1 r:5 cr:10 cm:10 c0:0.5 umax:10 tt:50 kxt:1 ky:0.1 method:12:30:10:0.7:0:../resu
lt-mspc/a0.7b10/net_cr2cm10N30ny4nu4it12IS2r5T100it10:../result-mspc/a0.7b10/net_cr2cm100N20ny4nu4it12
IS2r5T100it7:../result-mspc/a0.7b10/net_cr10cm10N6ny4nu4it12IS2r5T100it6:../result-mspc/a0.7b10/net_cr10cm10
N8ny4nu4it12IS2r5T100it9 N:30:20:6:8 DISP:1 listSS:1 T:100 N2s:12 LAMBDA:0.01
1669 #new#
1670 emulate_crane2 it:1:1 r:5 cr:10 cm:10 c0:0.5 umax:10 tt:50 kxt:1 ky:0.1 method:12:30:10:0.7:0:../res
ult-mspc/a0.7b10/net_cr2cm10N30ny4nu4it12IS2r5T100it10:../result-mspc/a0.7b10/net_cr2cm100N20ny4nu4it12IS2r5
T100it7:../result-mspc/a0.7b10/net_cr10cm10N6ny4nu4it12IS2r5T100it6:../result-mspc/a0.7b10/net_cr10cm100N6ny
4nu4it12IS2r5T100it6 N:30:20:6:6 DISP:1 listSS:1 T:100 N2s:12 LAMBDA:0.01
1671 cp y.obj $d0/ySTbestb10.obj
1672 #old#emulate_crane2 it:1:1 r:5 cr:4 cm:80 c0:0.5 umax:10 tt:50 kxt:1 ky:0.1 method:12:30:10:0.7:0:../resu
lt-mspc/a0.7b10/net_cr2cm10N30ny4nu4it12IS2r5T100it10:../result-mspc/a0.7b10/net_cr2cm100N20ny4nu4it12IS2r5
T100it7:../result-mspc/a0.7b10/net_cr10cm10N6ny4nu4it12IS2r5T100it6:../result-mspc/a0.7b10/net_cr10cm100N6ny
4nu4it12IS2r5T100it9 N:30:20:6:8 DISP:1 listSS:1 T:100 N2s:12 LAMBDA:0.01
1673 #new#
1674 emulate_crane2 it:1:1 r:5 cr:7 cm:100 c0:0.5 umax:10 tt:50 kxt:1 ky:0.1 method:12:30:10:0.7:0:../resu
lt-mspc/a0.7b10/net_cr2cm10N30ny4nu4it12IS2r5T100it10:../result-mspc/a0.7b10/net_cr2cm100N20ny4nu4it12IS2r5
T100it7:../result-mspc/a0.7b10/net_cr10cm10N6ny4nu4it12IS2r5T100it6:../result-mspc/a0.7b10/net_cr10cm100N6ny
4nu4it12IS2r5T100it6 N:30:20:6:6 DISP:1 listSS:1 T:100 N2s:12 LAMBDA:0.01
1675 cp y.obj $d0/ySTworstb10.obj
1676 emulate_crane2 it:1:1 r:5 cr:7 cm:40 c0:0.5 umax:10 tt:50 kxt:1 ky:0.1 method:12:20:10:0.7:0:../resu
lt-mspc/a0.7b10/net_cr2cm10N20ny4nu4it12IS2r5T100it2:../result-mspc/a0.7b10/net_cr2cm100N30ny4nu4it12IS2r5T1
00it7:../result-mspc/a0.7b10/net_cr10cm10N20ny4nu4it12IS2r5T100it9:../result-mspc/a0.7b10/net_cr10cm100N8ny4
nu4it12IS2r5T100it4 N:20:30:20:8 DISP:1 listSS:1 T:100 N2s:12 LAMBDA:0.01
1677 cp y.obj $d0/yOSbestb10.obj
1678 emulate_crane2 it:1:1 r:5 cr:2 cm:80 c0:0.5 umax:10 tt:50 kxt:1 ky:0.1 method:12:20:10:0.7:0:../resu
lt-mspc/a0.7b10/net_cr2cm10N20ny4nu4it12IS2r5T100it2:../result-mspc/a0.7b10/net_cr2cm100N30ny4nu4it12IS2r5T1
00it7:../result-mspc/a0.7b10/net_cr10cm10N20ny4nu4it12IS2r5T100it9:../result-mspc/a0.7b10/net_cr10cm100N8ny4
nu4it12IS2r5T100it4 N:20:30:20:8 DISP:1 listSS:1 T:100 N2s:12 LAMBDA:0.01
1679 cp y.obj $d0/yOSworstb10.obj
1680
1681
1682 ##display learning property
1683 cd $d0
1684 gnuplot
1685 set style data lines
1686 set term xll;
1687 ST(x)=(x<0)*750:((x>50)*750:x)
1688 plot [0:20][0:50] "a0.7b1/net_cr2cm10N20ny4nu4it12IS2r5T100it100/listSS.dat" using 3:(ST($1)), "a0.7
b10/net_cr2cm10N30ny4nu4it12IS2r5T100it100/listSS.dat" using 3:(ST($1))
1689 set term tgif;set output "ST-t_cm2cr10.obj";replot;set term xll
1690 plot [0:20][0:50] "a0.7b1/net_cr2cm10N30ny4nu4it12IS2r5T100it100/listSS.dat" using 3:(ST($1)), "a0.
7b10/net_cr2cm10N20ny4nu4it12IS2r5T100it100/listSS.dat" using 3:(ST($1))
1691 set term tgif;set output "ST-t_cm2cr100.obj";replot;set term xll
1692 plot [0:20][0:50] "a0.7b1/net_cr10cm10N20ny4nu4it12IS2r5T100it100/listSS.dat" using 3:(ST($1)), "a0.
7b10/net_cr10cm10N6ny4nu4it12IS2r5T100it100/listSS.dat" using 3:(ST($1))
1693 set term tgif;set output "ST-t_cm10cr10.obj";replot;set term xll
1694 set plot [0:20][15:50] "a0.7b1/net_cr10cm100N8ny4nu4it12IS2r5T100it100/listSS.dat" using 3:(ST($1)),
"a0.7b10/net_cr10cm100N8ny4nu4it12IS2r5T100it100/listSS.dat" using 3:(ST($1))
1695 plot [0:20][0:50] "a0.7b1/net_cr10cm100N8ny4nu4it12IS2r5T100it100/listSS.dat" using 3:(ST($1)), "a0.
7b10/net_cr10cm100N6ny4nu4it12IS2r5T100it20/listSS.dat" using 3:(ST($1))
1696 set term tgif;set output "ST-t_cm10cr100.obj";replot;set term xll
1697
1698 OS(x)=(x>100)*100:x
1699 plot [0:20][19:100] "a0.7b1/net_cr2cm10N20ny4nu4it12IS2r5T100it100/listSS.dat" using 3:(OS($2)), "a
0.7b10/net_cr2cm10N30ny4nu4it12IS2r5T100it100/listSS.dat" using 3:(OS($2))
1700 set term tgif;set output "OS-t_cm2cr10.obj";replot;set term xll
1701 plot [0:20][19:100] "a0.7b1/net_cr2cm100N30ny4nu4it12IS2r5T100it100/listSS.dat" using 3:(OS($2))
1702 set term tgif;set output "OS-t_cm2cr100.obj";replot;set term xll
1703 plot [0:20][19:100] "a0.7b1/net_cr10cm10N20ny4nu4it12IS2r5T100it100/listSS.dat" using 3:(OS($2))
1704 set term tgif;set output "OS-t_cm10cr100.obj";replot;set term xll
1705 plot [0:20][19:100] "a0.7b1/net_cr10cm100N8ny4nu4it12IS2r5T100it100/listSS.dat" using 3:(OS($2)), "
a0.7b10/net_cr10cm100N6ny4nu4it12IS2r5T100it20/listSS.dat" using 3:(OS($2))
1706 set term tgif;set output "OS-t_cm10cr100.obj";replot;set term xll
1707
1708 ###plot [0:20][19:100] "a0.7b1/net_cr10cm100N8ny4nu4it12IS2r5T100it100/listSS.dat" using 3:(OS($2)
), "a0.7b10/net_cr10cm100N8ny4nu4it12IS2r5T100it100/listSS.dat" using 3:(OS($2))
1709
1710 #for best OS
1711 cd $d0
1712 gnuplot
1713 set style data lines
1714 set term xll;
1715 ST(x)=(x<0)*750:((x>50)*750:x)
1716 plot [0:20][0:50] "a0.7b1/net_cr2cm10N30ny4nu4it12IS2r5T100it100/listSS.dat" using 3:(ST($1)), "a0.7b
10/net_cr2cm10N20ny4nu4it12IS2r5T100it100/listSS.dat" using 3:(ST($1))
1717 set term tgif;set output "ST-t_cm2cr100.obj";replot;set term xll
1718 plot [0:20][0:50] "a0.7b1/net_cr2cm100N20ny4nu4it12IS2r5T100it100/listSS.dat" using 3:(ST($1)), "a0.7
b10/net_cr2cm100N30ny4nu4it12IS2r5T100it100/listSS.dat" using 3:(ST($1))
```

```
1719 set term tgif;set output "SP-t_cm2cr100_bestOS.obj";replot;set term xll
1720 net_cr10cm0N20ny4nu4it12IS25r100it10/listSS.dat" using 3:(ST($1)), "a0.7
b10/net_cr2cm10N20ny4nu4it12IS25r100it10/listSS.dat" using 3:(ST($1))
1721 set term tgif;set output "SP-t_cm10c10r100_bestOS.obj";replot;set term xll
1722 plot [0:20][0:50] "a0.7b1/net_cr10cm10N8ny4nu4it12IS25r100it10/listSS.dat" using 3:(ST($1)), "a0.7
b10/net_cr10cm10N8ny4nu4it12IS25r100it10/listSS.dat" using 3:(ST($1))
1723 set term tgif;set output "SP-t_cm10c10r100_bestOS.obj";replot;set term xll
1724
1725 OS(x)=(x>100)?100:x
1726 plot [0:20][-19:100] "a0.7b1/net_cr2cm10N30ny4nu4it12IS25r100it10/listSS.dat" using 3:(OS($2)), "a0
7b10/net_cr2cm10N20ny4nu4it12IS25r100it10/listSS.dat" using 3:(OS($2))
1727 set term tgif;set output "OS-t_cm2cr100_bestOS.obj";replot;set term xll
1728 plot [0:20][0:100] "a0.7b1/net_cr2cm10N20ny4nu4it12IS25r100it10/listSS.dat" using 3:(OS($2)), "a
0.7b10/net_cr2cm10N30ny4nu4it12IS25r100it10/listSS.dat" using 3:(OS($2))
1729 set term tgif;set output "OS-t_cm2cr100N20ny4nu4it12IS25r100it10/listSS.dat" using 3:(OS($2))
1730 plot [0:20][0:100] "a0.7b1/net_cr10cm10N10ny4nu4it12IS25r100it10/listSS.dat" using 3:(OS($2))
0.7b10/net_cr10cm10N20ny4nu4it12IS25r100it10/listSS.dat" using 3:(OS($2))
1731 set term tgif;set output "OS-t_cm10c10r100_bestOS.obj";replot;set term xll
1732 plot [0:20][0:100] "a0.7b1/net_cr10cm10N8ny4nu4it12IS25r100it10/listSS.dat" using 3:(OS($2)), "a
0.7b10/net_cr10cm10N8ny4nu4it12IS25r100it10/listSS.dat" using 3:(OS($2))
1733 set term tgif;set output "OS-t_cm10c10r100_bestOS.obj";replot;set term xll
1734 ##
1735 plot [][15:40] "ST-cmcr-b1-90.dat" using 0:3 w l lt 1, "SP-cmcr-b10-90.dat" using 0:3 w l lt 2
1736 set term tgif;set output "ST-cmcr-bestST.obj";replot;set term xll
1737 plot [][5:70] "ST-cmcr-b1-90.dat" using 0:4 w l lt 1, "SP-cmcr-b10-90.dat" using 0:4 w l lt 2
1738 set term tgif;set output "OS-cmcr-bestST.obj";replot;set term xll;
1739 plot [][15:40] "OS-cmcr-b1-90.dat" using 0:3 w l lt 1, "OS-cmcr-b10-90.dat" using 0:3 w l lt 2
1740 set term tgif;set output "ST-cmcr-bestOS.obj";replot;set term xll;
1741 plot [][5:70] "OS-cmcr-b1-90.dat" using 0:4 w l lt 1, "OS-cmcr-b10-90.dat" using 0:4 w l lt 2
1742 set term tgif;set output "OS-cmcr-bestOS.obj";replot;set term xll;
1743
1744 ##This is the advantage of bagging?
1745 #BestSTt100 it0=10
1746 #21.46(19.60 24.10 0.76) 22.6(10.0 71.0 13.7) #mean(min,max:rmse) of ST and OS bestST for cr in 2 2.5
3 3.5 4 4.5 5 6 5.6 5 7 7.5 8 5 9 9.5 10; do for cm in 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85
90 95 100; do #b1 tt100 it0=10
1747 #22.05(19.10 26.00 1.14) 11.6(10.0 76.0 12.4) #mean(min,max:rmse) of ST and OS bestST for cr in 2 2.5
3 3.5 4 4.5 5 6 5.7 7.5 8 8.5 9 9.5 10; do for cm in 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85
90 95 100; do #b10 tt100 it0=10
1748 #bestOS
1749 #21.35(19.60 24.60 0.85) 25.5(10.0 57.0 15.3) #mean(min,max:rmse) of ST and OS bestST f1234 for cr in
2 3 4 5 6 7 8 9 10; do for cm in 10 20 30 40 50 60 70 80 90 100; do #b=1 ky:0.1
1750 #21.98(19.10 26.00 1.18) 11.4(10.0 58.0 12.2) #mean(min,max:rmse) of ST and OS BestST f1234 for cr in
2 3 4 5 6 7 8 9 10; do for cm in 10 20 30 40 50 60 70 80 90 100; do #b=1 ky:0.1
1751 #25.76(19.60 31.90 2.29) 0.7(0.0 54.0 4.3) #mean(min,max:rmse) of ST and OS bestST for cr in 2 2.5 3
3.5 4 4.5 5 6 5.6 5 7 7.5 8 5 9 9.5 10; do for cm in 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90
95 100; do #b10 tt100 it0=10
1752
1753 ##bestOS
1754 #26.46(22.50 32.90 2.33) 4.7(0.0 83.0 10.0) #mean(min,max:rmse) of ST and OS bestOS f1234 for cr in
2 3 4 5 6 7 8 9 10; do for cm in 10 20 30 40 50 60 70 80 90 100; do #b=1 ky:0.1
1755 #26.11(21.00 32.00 2.17) 0.5(0.0 23.0 2.8) #mean(min,max:rmse) of ST and OS BestOS f1234 for cr in
2 3 4 5 6 7 8 9 10; do for cm in 10 20 30 40 50 60 70 80 90 100; do #b=10
1756 #####BestST
1757 #21.35(19.60 24.60 0.85) 25.5(10.0 57.0 15.3) #mean(min,max:rmse) of ST and OS bestST f1234 for cr in
2 3 4 5 6 7 8 9 10; do for cm in 10 20 30 40 50 60 70 80 90 100; do #b=1 ky:0.1
1758 #21.98(19.10 26.00 1.18) 11.4(10.0 58.0 12.2) #mean(min,max:rmse) of ST and OS BestST f1234 for cr in
2 3 4 5 6 7 8 9 10; do for cm in 10 20 30 40 50 60 70 80 90 100; do #b=10 ky:0.1
1759 #20.45(18.00 24.60 1.23) 30.9(11.0 152.0 23.5) #mean(min,max:rmse) of ST and OS BestST f1234 for cr i
n 2 3 4 5 6 7 8 9 10; do for cm in 10 20 30 40 50 60 70 80 90 100; do #b=10 N6tryit0-20
1760 #23.42(19.20 31.70 2.52) 22.3(10.0 246.0 33.2) #mean(min,max:rmse) of ST and OS BestST f1234 for cr i
n 2 3 4 5 6 7 8 9 10; do for cm in 10 20 30 40 50 60 70 80 90 100; do #b=50
1761
1762 #23.27(20.60 30.60 1.71) 25.2(10.0 74.0 14.7) #mean(min,max:rmse) of ST and OS for cr in 2 3 4 5 6 7
8 9 10; do for cm in 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 100; do #b1 tt100 it0=10
1763
1764 #21.87(19.50 24.80 1.19) 15.5(10.0 49.0 12.7) #mean(min,max:rmse) of ST and OS BestST f1234 bestSTNG
for cr in 2 3 4 5 6 7 8 9 10; do for cm in 10 20 30 40 50 60 70 80 90 100; do with b=10 tryit0-20
1765 #####
1766 #23.10(20.60 28.50 1.60) 25.5(10.0 57.0 15.3) #mean(min,max:rmse) of ST and OS bestST f1234 for cr in
2 3 4 5 6 7 8 9 10; do for cm in 10 20 30 40 50 60 70 80 90 100; do with b=1 ky:0.05
1767 #20.93(21.40 29.90 1.72) 11.4(10.0 58.0 12.2) #mean(min,max:rmse) of ST and OS bestST f1234 for cr in
2 3 4 5 6 7 8 9 10; do for cm in 10 20 30 40 50 60 70 80 90 100; do with b=10 ky:0.05
1768
1769 ##
1770 #22.02(19.50 26.90 1.79) 33.4(10.0 139.0 41.9) #mean(min,max:rmse) of ST and OS bestST f1234 for cr i
n 2 3 4 5 6 7 8 9 10; do for cm in 110 120 130 140 150; do with b=1
1771 #22.46(19.20 29.20 2.47) 39.8(10.0 178.0 52.3) #mean(min,max:rmse) of ST and OS bestST f1234 for cr i
n 2 3 4 5 6 7 8 9 10; do for cm in 110 120 130 140 150; do with b=10 Below
1772 #23.68(19.10 30.80 3.84) 98.7(10.0 284.0 78.8) #mean(min,max:rmse) of ST and OS bestST f1234 for cr i
n 2 3 4 5 6 7 8 9 10; do for cm in 110 120 130 140 150; do with b=10 N6tryit0-20
1773
```

```
1774 #20.96(19.60 22.30 0.79) 49.6(33.0 76.0 11.3) #mean(min,max:rmse) of ST and OS bestST f1234 for cr i
n 2 3 4 5 6 7 8 9 10; do for cm in 1; do with b=1
1775 #21.61(20.60 22.80 0.69) 27.1(7.0 71.0 20.1) #mean(min,max:rmse) of ST and OS bestST f1234 for cr i
n 2 3 4 5 6 7 8 9 10; do for cm in 1; do with b=10
1776 #19.56(18.60 21.0 0.79) 55.9(33.0 76.0 14.0) #mean(min,max:rmse) of ST and OS bestST f1234 for cr i
n 2 3 4 5 6 7 8 9 10; do for cm in 1; do with b=10 N6tryit0-20
1777
1778 ##b=10
1779
1780 ##cr2cm10
1781 cr2cm10N40
1782 #BestOS+0.01ST: 24.3 0 4 #ST(s) OS(mm) it for cr2cm10N40ny4nu4it12IS25r100
1783 #BestST+0.01OS: 19.6 49 2 #ST(s) OS(mm) it for cr2cm10N40ny4nu4it12IS25r100
1784 #BestST+0.01OS: 19.6 49 2 #ST(s) OS(mm) it for cr2cm10N40ny4nu4it12IS25r100
1785 -1.0 0 0 #ST(s) OS(mm) it for cr2cm10N40ny4nu4it12IS25r100
1786 70.0 562 1 #ST(s) OS(mm) it for cr2cm10N40ny4nu4it12IS25r100
1787 19.6 49 2 #ST(s) OS(mm) it for cr2cm10N40ny4nu4it12IS25r100
1788 22.2 12 3 #ST(s) OS(mm) it for cr2cm10N40ny4nu4it12IS25r100
1789 24.3 0 4 #ST(s) OS(mm) it for cr2cm10N40ny4nu4it12IS25r100
1790 -1.0 53 5 #ST(s) OS(mm) it for cr2cm10N40ny4nu4it12IS25r100
1791 26.9 12 6 #ST(s) OS(mm) it for cr2cm10N40ny4nu4it12IS25r100
1792 28.1 5 7 #ST(s) OS(mm) it for cr2cm10N40ny4nu4it12IS25r100
1793 21.5 26 8 #ST(s) OS(mm) it for cr2cm10N40ny4nu4it12IS25r100
1794 28.6 122 9 #ST(s) OS(mm) it for cr2cm10N40ny4nu4it12IS25r100
1795 25.8 5 10 #ST(s) OS(mm) it for cr2cm10N40ny4nu4it12IS25r100
1796 #cr2cm10N30 b10
1797 #BestOS+0.01ST: 27.4 1 9 #ST(s) OS(mm) it for cr2cm10N30ny4nu4it12IS25r100
1798 #BestST+0.01OS: 18.3 3 10 #ST(s) OS(mm) it for cr2cm10N30ny4nu4it12IS25r100
1799 -1.0 0 #ST(s) OS(mm) it for cr2cm10N30ny4nu4it12IS25r100
1800 -1.0 4047 1 #ST(s) OS(mm) it for cr2cm10N30ny4nu4it12IS25r100
1801 20.1 41 2 #ST(s) OS(mm) it for cr2cm10N30ny4nu4it12IS25r100
1802 23.2 53 3 #ST(s) OS(mm) it for cr2cm10N30ny4nu4it12IS25r100
1803 22.7 60 4 #ST(s) OS(mm) it for cr2cm10N30ny4nu4it12IS25r100
1804 22.3 93 5 #ST(s) OS(mm) it for cr2cm10N30ny4nu4it12IS25r100
1805 30.3 105 6 #ST(s) OS(mm) it for cr2cm10N30ny4nu4it12IS25r100
1806 24.6 25 7 #ST(s) OS(mm) it for cr2cm10N30ny4nu4it12IS25r100
1807 30.8 8 #ST(s) OS(mm) it for cr2cm10N30ny4nu4it12IS25r100
1808 27.4 1 9 #ST(s) OS(mm) it for cr2cm10N30ny4nu4it12IS25r100
1809 18.3 3 10 #ST(s) OS(mm) it for cr2cm10N30ny4nu4it12IS25r100
1810 cr2cm10N20
1811 #BestOS+0.01ST: 23.7 0 2 #ST(s) OS(mm) it for cr2cm10N20ny4nu4it12IS25r100***BestOS
1812 #BestST+0.01OS: 18.5 78 10 #ST(s) OS(mm) it for cr2cm10N20ny4nu4it12IS25r100
1813 -1.0 0 #ST(s) OS(mm) it for cr2cm10N20ny4nu4it12IS25r100
1814 -1.0 4513 1 #ST(s) OS(mm) it for cr2cm10N20ny4nu4it12IS25r100
1815 23.7 0 2 #ST(s) OS(mm) it for cr2cm10N20ny4nu4it12IS25r100
1816 27.0 122 3 #ST(s) OS(mm) it for cr2cm10N20ny4nu4it12IS25r100
1817 24.7 0 4 #ST(s) OS(mm) it for cr2cm10N20ny4nu4it12IS25r100
1818 20.4 20 5 #ST(s) OS(mm) it for cr2cm10N20ny4nu4it12IS25r100
1819 30.7 0 6 #ST(s) OS(mm) it for cr2cm10N20ny4nu4it12IS25r100
1820 29.7 0 7 #ST(s) OS(mm) it for cr2cm10N20ny4nu4it12IS25r100
1821 21.0 19 8 #ST(s) OS(mm) it for cr2cm10N20ny4nu4it12IS25r100
1822 24.7 6 9 #ST(s) OS(mm) it for cr2cm10N20ny4nu4it12IS25r100
1823 18.5 78 10 #ST(s) OS(mm) it for cr2cm10N20ny4nu4it12IS25r100
1824 cr2cm10N10
1825 #BestOS+0.01ST: 23.5 21 8 #ST(s) OS(mm) it for cr2cm10N10ny4nu4it12IS25r100
1826 #BestST+0.01OS: 19.1 63 4 #ST(s) OS(mm) it for cr2cm10N10ny4nu4it12IS25r100
1827 -1.0 0 #ST(s) OS(mm) it for cr2cm10N10ny4nu4it12IS25r100
1828 -1.0 1644 1 #ST(s) OS(mm) it for cr2cm10N10ny4nu4it12IS25r100
1829 22.2 39 2 #ST(s) OS(mm) it for cr2cm10N10ny4nu4it12IS25r100
1830 20.9 32 3 #ST(s) OS(mm) it for cr2cm10N10ny4nu4it12IS25r100
1831 19.1 63 4 #ST(s) OS(mm) it for cr2cm10N10ny4nu4it12IS25r100
1832 33.1 418 5 #ST(s) OS(mm) it for cr2cm10N10ny4nu4it12IS25r100
1833 25.6 45 6 #ST(s) OS(mm) it for cr2cm10N10ny4nu4it12IS25r100
1834 21.7 30 7 #ST(s) OS(mm) it for cr2cm10N10ny4nu4it12IS25r100
1835 23.5 21 8 #ST(s) OS(mm) it for cr2cm10N10ny4nu4it12IS25r100
1836 32.2 108 9 #ST(s) OS(mm) it for cr2cm10N10ny4nu4it12IS25r100
1837 37.3 314 10 #ST(s) OS(mm) it for cr2cm10N10ny4nu4it12IS25r100
1838 cr2cm10N8
1839 #BestOS+0.01ST: 24.4 24 8 #ST(s) OS(mm) it for cr2cm10N8ny4nu4it12IS25r100
1840 #BestST+0.01OS: 21.9 61 9 #ST(s) OS(mm) it for cr2cm10N8ny4nu4it12IS25r100
1841 -1.0 0 #ST(s) OS(mm) it for cr2cm10N8ny4nu4it12IS25r100
1842 -1.0 611 1 #ST(s) OS(mm) it for cr2cm10N8ny4nu4it12IS25r100
1843 32.3 164 2 #ST(s) OS(mm) it for cr2cm10N8ny4nu4it12IS25r100
1844 30.7 154 3 #ST(s) OS(mm) it for cr2cm10N8ny4nu4it12IS25r100
1845 30.7 137 4 #ST(s) OS(mm) it for cr2cm10N8ny4nu4it12IS25r100
1846 33.4 540 5 #ST(s) OS(mm) it for cr2cm10N8ny4nu4it12IS25r100
1847 36.7 381 6 #ST(s) OS(mm) it for cr2cm10N8ny4nu4it12IS25r100
1848 24.3 26 7 #ST(s) OS(mm) it for cr2cm10N8ny4nu4it12IS25r100
1849 24.4 24 8 #ST(s) OS(mm) it for cr2cm10N8ny4nu4it12IS25r100
1850 21.9 61 9 #ST(s) OS(mm) it for cr2cm10N8ny4nu4it12IS25r100
1851 32.1 191 10 #ST(s) OS(mm) it for cr2cm10N8ny4nu4it12IS25r100
1852 #####cr10cm10
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1853 cr10cm10N30
1854 #BestOS+0.01St: 31.6 2 7 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
1855 #BestST+0.01OS: 24.6 27 3 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
1856 kurok@lab-VB:~/sctu/2013/mspc$ -1.0 0 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
1857 -1.0 409 1 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
1858 26.0 50 2 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
1859 24.6 27 3 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
1860 29.3 23 4 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
1861 30.5 3 5 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
1862 30.2 3 6 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
1863 31.6 2 7 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
1864 34.2 6 8 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
1865 32.8 759 9 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
1866 #9 9 1417 10 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
1867
1868 cr10cm10N20
1869 #BestOS+0.01St: 25.8 0 9 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2r5Tl00 BestOS?
1870 #BestST+0.01OS: 23.4 7 3 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2r5Tl00
1871 -1.0 0 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2r5Tl00
1872 -1.0 0 2621 1 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2r5Tl00
1873 28.9 0 2 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2r5Tl00
1874 23.4 7 3 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2r5Tl00
1875 -1.0 740 4 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2r5Tl00
1876 38.5 935 5 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2r5Tl00
1877 27.1 126 6 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2r5Tl00
1878 23.9 26 7 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2r5Tl00
1879 29.5 16 8 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2r5Tl00
1880 25.8 0 9 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2r5Tl00
1881 27.8 293 10 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2r5Tl00
1882 30.3 232 11 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2r5Tl00
1883 36.3 1 12 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2r5Tl00
1884 32.0 8 13 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2r5Tl00
1885 26.9 159 14 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2r5Tl00
1886 28.7 14 15 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2r5Tl00
1887 30.9 3 16 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2r5Tl00
1888 29.9 5 17 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2r5Tl00
1889 34.6 1 18 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2r5Tl00
1890 24.2 24 19 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2r5Tl00
1891 36.1 383 20 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2r5Tl00
1892
1893 cr10cm10N10
1894 #BestOS+0.01St: 23.4 1 8 #ST[s] OS[mm] it for cr10cm10N10ny4nu4it12IS2r5Tl00
1895 #BestST+0.01OS: 19.5 54 10 #ST[s] OS[mm] it for cr10cm10N10ny4nu4it12IS2r5Tl00
1896 #BestOS+0.01St: 23.4 1 8 #ST[s] OS[mm] it for cr10cm10N10ny4nu4it12IS2r5Tl00
1897 #BestST+0.01OS: 17.4 37 13 #ST[s] OS[mm] it for cr10cm10N10ny4nu4it12IS2r5Tl00
1898 -1.0 0 #ST[s] OS[mm] it for cr10cm10N10ny4nu4it12IS2r5Tl00
1899 99.7 1067 1 #ST[s] OS[mm] it for cr10cm10N10ny4nu4it12IS2r5Tl00
1900 -1.0 2 7 2 #ST[s] OS[mm] it for cr10cm10N10ny4nu4it12IS2r5Tl00
1901 24.2 4 3 #ST[s] OS[mm] it for cr10cm10N10ny4nu4it12IS2r5Tl00
1902 21.3 12 4 #ST[s] OS[mm] it for cr10cm10N10ny4nu4it12IS2r5Tl00
1903 37.7 670 5 #ST[s] OS[mm] it for cr10cm10N10ny4nu4it12IS2r5Tl00
1904 22.3 58 6 #ST[s] OS[mm] it for cr10cm10N10ny4nu4it12IS2r5Tl00
1905 22.9 60 7 #ST[s] OS[mm] it for cr10cm10N10ny4nu4it12IS2r5Tl00
1906 23.4 1 8 #ST[s] OS[mm] it for cr10cm10N10ny4nu4it12IS2r5Tl00
1907 26.6 132 9 #ST[s] OS[mm] it for cr10cm10N10ny4nu4it12IS2r5Tl00
1908 19.5 54 10 #ST[s] OS[mm] it for cr10cm10N10ny4nu4it12IS2r5Tl00
1909 21.9 22 11 #ST[s] OS[mm] it for cr10cm10N10ny4nu4it12IS2r5Tl00
1910 28.6 11 12 #ST[s] OS[mm] it for cr10cm10N10ny4nu4it12IS2r5Tl00
1911 17.4 37 13 #ST[s] OS[mm] it for cr10cm10N10ny4nu4it12IS2r5Tl00
1912 23.1 2 14 #ST[s] OS[mm] it for cr10cm10N10ny4nu4it12IS2r5Tl00
1913 23.4 10 15 #ST[s] OS[mm] it for cr10cm10N10ny4nu4it12IS2r5Tl00
1914 30.5 3 16 #ST[s] OS[mm] it for cr10cm10N10ny4nu4it12IS2r5Tl00
1915 36.3 1 17 #ST[s] OS[mm] it for cr10cm10N10ny4nu4it12IS2r5Tl00
1916 43.8 3 18 #ST[s] OS[mm] it for cr10cm10N10ny4nu4it12IS2r5Tl00
1917 30.9 9 19 #ST[s] OS[mm] it for cr10cm10N10ny4nu4it12IS2r5Tl00
1918 29.2 13 20 #ST[s] OS[mm] it for cr10cm10N10ny4nu4it12IS2r5Tl00
1919
1920
1921 cr10cm10N8 *** from small overshoot
1922 #BestOS+0.01St: 30.0 4 9 #ST[s] OS[mm] it for cr10cm10N8ny4nu4it12IS2r5Tl00
1923 #BestST+0.01OS: 24.0 6 7 #ST[s] OS[mm] it for cr10cm10N8ny4nu4it12IS2r5Tl00
1924 -1.0 0 #ST[s] OS[mm] it for cr10cm10N8ny4nu4it12IS2r5Tl00 -1.0 0 0 #ST[s] OS[mm] it for cr10cm10N8ny4nu4it12IS2r5Tl00
1925 -1.0 247 1 #ST[s] OS[mm] it for cr10cm10N8ny4nu4it12IS2r5Tl00
1926 24.5 33 2 #ST[s] OS[mm] it for cr10cm10N8ny4nu4it12IS2r5Tl00
1927 24.6 21 3 #ST[s] OS[mm] it for cr10cm10N8ny4nu4it12IS2r5Tl00
1928 30.5 10 4 #ST[s] OS[mm] it for cr10cm10N8ny4nu4it12IS2r5Tl00
1929 28.6 7 5 #ST[s] OS[mm] it for cr10cm10N8ny4nu4it12IS2r5Tl00
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cm10N8ny4nu4it12IS2r5Tl00
1930 32.8 416 6 #ST[s] OS[mm] it for cr10cm10N8ny4nu4it12IS2r5Tl00 34.2 12 6 #ST[s] OS[mm] it for cr10cm10N8ny4nu4it12IS2r5Tl00
1931 24.0 6 7 #ST[s] OS[mm] it for cr10cm10N8ny4nu4it12IS2r5Tl00 24.0 55 7 #ST[s] OS[mm] it for cr10cm10N8ny4nu4it12IS2r5Tl00
1932 24.4 13 8 #ST[s] OS[mm] it for cr10cm10N8ny4nu4it12IS2r5Tl00 29.8 2 8 #ST[s] OS[mm] it for cr10cm10N8ny4nu4it12IS2r5Tl00
1933 30.0 4 9 #ST[s] OS[mm] it for cr10cm10N8ny4nu4it12IS2r5Tl00 24.5 7 9 #ST[s] OS[mm] it for cr10cm10N8ny4nu4it12IS2r5Tl00
1934 24.1 8 10 #ST[s] OS[mm] it for cr10cm10N8ny4nu4it12IS2r5Tl00 24.9 33 10 #ST[s] OS[mm] it for cr10cm10N8ny4nu4it12IS2r5Tl00
1935 #cr10cm10N6 b10
1936 #BestOS+0.01St: 24.0 4 2 #ST[s] OS[mm] it for cr10cm10N6ny4nu4it12IS2r5Tl00 ***BestOS
1937 #BestST+0.01OS: 18.7 47 6 #ST[s] OS[mm] it for cr10cm10N6ny4nu4it12IS2r5Tl00
1938 -1.0 0 #ST[s] OS[mm] it for cr10cm10N6ny4nu4it12IS2r5Tl00
1939 -1.0 0 6827 1 #ST[s] OS[mm] it for cr10cm10N6ny4nu4it12IS2r5Tl00
1940 24.0 4 2 #ST[s] OS[mm] it for cr10cm10N6ny4nu4it12IS2r5Tl00
1941 24.6 10 3 #ST[s] OS[mm] it for cr10cm10N6ny4nu4it12IS2r5Tl00
1942 23.6 39 4 #ST[s] OS[mm] it for cr10cm10N6ny4nu4it12IS2r5Tl00
1943 -1.0 0 5 #ST[s] OS[mm] it for cr10cm10N6ny4nu4it12IS2r5Tl00
1944 18.7 47 6 #ST[s] OS[mm] it for cr10cm10N6ny4nu4it12IS2r5Tl00
1945 28.0 155 7 #ST[s] OS[mm] it for cr10cm10N6ny4nu4it12IS2r5Tl00
1946 33.2 211 8 #ST[s] OS[mm] it for cr10cm10N6ny4nu4it12IS2r5Tl00
1947 22.4 77 9 #ST[s] OS[mm] it for cr10cm10N6ny4nu4it12IS2r5Tl00
1948 27.8 263 10 #ST[s] OS[mm] it for cr10cm10N6ny4nu4it12IS2r5Tl00
1949 #b=20 for check
1950 #BestOS+0.01St: 20.4 4 3 #ST[s] OS[mm] it for cr10cm10N10ny4nu4it12IS2r5Tl00
1951 #BestST+0.01OS: 18.2 71 8 #ST[s] OS[mm] it for cr10cm10N10ny4nu4it12IS2r5Tl00
1952 -1.0 0 #ST[s] OS[mm] it for cr10cm10N10ny4nu4it12IS2r5Tl00
1953 -1.0 6607 1 #ST[s] OS[mm] it for cr10cm10N10ny4nu4it12IS2r5Tl00
1954 34.6 107 2 #ST[s] OS[mm] it for cr10cm10N10ny4nu4it12IS2r5Tl00
1955 20.4 4 3 #ST[s] OS[mm] it for cr10cm10N10ny4nu4it12IS2r5Tl00
1956 19.7 20 4 #ST[s] OS[mm] it for cr10cm10N10ny4nu4it12IS2r5Tl00
1957 33.4 33 5 #ST[s] OS[mm] it for cr10cm10N10ny4nu4it12IS2r5Tl00
1958 19.2 43 6 #ST[s] OS[mm] it for cr10cm10N10ny4nu4it12IS2r5Tl00
1959 19.7 50 7 #ST[s] OS[mm] it for cr10cm10N10ny4nu4it12IS2r5Tl00
1960 18.2 71 8 #ST[s] OS[mm] it for cr10cm10N10ny4nu4it12IS2r5Tl00
1961 38.0 1030 9 #ST[s] OS[mm] it for cr10cm10N10ny4nu4it12IS2r5Tl00
1962 24.7 10 10 #ST[s] OS[mm] it for cr10cm10N10ny4nu4it12IS2r5Tl00
1963
1964 ##cr2cm100
1965 #cr2cm10N30
1966 #BestOS+0.01St: 23.9 0 7 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it12IS2r5Tl00 ***BestOS
1967 #BestST+0.01OS: 21.5 39 4 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it12IS2r5Tl00
1968 kurok@lab-VB:~/sctu/2013/mspc$ -1.0 0 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it12IS2r5Tl00
1969 -1.0 1250 1 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it12IS2r5Tl00
1970 26.0 0 2 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it12IS2r5Tl00
1971 25.4 19 3 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it12IS2r5Tl00
1972 21.5 39 4 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it12IS2r5Tl00
1973 23.9 3 5 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it12IS2r5Tl00
1974 27.0 0 6 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it12IS2r5Tl00
1975 23.9 0 7 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it12IS2r5Tl00
1976 23.7 3 8 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it12IS2r5Tl00
1977 29.4 1 9 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it12IS2r5Tl00
1978 32.6 133 10 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it12IS2r5Tl00
1979 #cr2cm10N20 b10
1980 #BestOS+0.01St: 23.6 37 8 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
1981 #BestST+0.01OS: 20.9 79 7 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
1982 -1.0 0 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
1983 -1.0 4318 1 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
1984 21.8 55 2 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
1985 33.6 115 3 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
1986 22.6 66 4 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
1987 23.0 96 5 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
1988 32.7 122 6 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
1989 20.9 79 7 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
1990 23.6 37 8 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
1991 21.7 86 9 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
1992 29.2 103 10 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
1993 #cr2cm10N10
1994 #BestOS+0.01St: 25.2 19 2 #ST[s] OS[mm] it for cr2cm100N10ny4nu4it12IS2r5Tl00
1995 #BestST+0.01OS: 22.6 84 4 #ST[s] OS[mm] it for cr2cm100N10ny4nu4it12IS2r5Tl00
1996 -1.0 0 #ST[s] OS[mm] it for cr2cm100N10ny4nu4it12IS2r5Tl00
1997 -1.0 7580 1 #ST[s] OS[mm] it for cr2cm100N10ny4nu4it12IS2r5Tl00
1998 25.2 19 2 #ST[s] OS[mm] it for cr2cm100N10ny4nu4it12IS2r5Tl00
1999 23.4 50 3 #ST[s] OS[mm] it for cr2cm100N10ny4nu4it12IS2r5Tl00
2000 22.6 84 4 #ST[s] OS[mm] it for cr2cm100N10ny4nu4it12IS2r5Tl00
2001 -1.0 0 5 #ST[s] OS[mm] it for cr2cm100N10ny4nu4it12IS2r5Tl00
2002 35.7 151 6 #ST[s] OS[mm] it for cr2cm100N10ny4nu4it12IS2r5Tl00
2003 36.3 162 7 #ST[s] OS[mm] it for cr2cm100N10ny4nu4it12IS2r5Tl00
2004 36.3 162 8 #ST[s] OS[mm] it for cr2cm100N10ny4nu4it12IS2r5Tl00
2005 35.6 177 9 #ST[s] OS[mm] it for cr2cm100N10ny4nu4it12IS2r5Tl00
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2006 37.0 191.10 #ST[s] OS[mm] it for cr2cm100N10ny4nu4iti2IS2z5Tl100
2007 cr2cm100N8
2008 #BestOS+0.01St: 34.0 116 7 #ST[s] OS[mm] it for cr2cm100N8ny4nu4iti2IS2z5Tl100
2009 #BestST+0.01OS: 33.9 118 8 #ST[s] OS[mm] it for cr2cm100N8ny4nu4iti2IS2z5Tl100
2010 -1.0 0 #ST[s] OS[mm] it for cr2cm100N8ny4nu4iti2IS2z5Tl100
2011 -1.0 6018 1 #ST[s] OS[mm] it for cr2cm100N8ny4nu4iti2IS2z5Tl100
2012 39.8 210 2 #ST[s] OS[mm] it for cr2cm100N8ny4nu4iti2IS2z5Tl100
2013 37.8 188 3 #ST[s] OS[mm] it for cr2cm100N8ny4nu4iti2IS2z5Tl100
2014 38.1 195 4 #ST[s] OS[mm] it for cr2cm100N8ny4nu4iti2IS2z5Tl100
2015 39.0 375 5 #ST[s] OS[mm] it for cr2cm100N8ny4nu4iti2IS2z5Tl100
2016 37.5 236 6 #ST[s] OS[mm] it for cr2cm100N8ny4nu4iti2IS2z5Tl100
2017 34.0 116 7 #ST[s] OS[mm] it for cr2cm100N8ny4nu4iti2IS2z5Tl100
2018 33.9 118 8 #ST[s] OS[mm] it for cr2cm100N8ny4nu4iti2IS2z5Tl100
2019 35.3 141 9 #ST[s] OS[mm] it for cr2cm100N8ny4nu4iti2IS2z5Tl100
2020 -1.0 559.10 #ST[s] OS[mm] it for cr2cm100N8ny4nu4iti2IS2z5Tl100
2021 #cr10cm100
2022 cr10cm100N30
2023 #BestOS+0.01St: 39.6 0 10 #ST[s] OS[mm] it for cr10cm100N30ny4nu4iti2IS2z5Tl100
2024 #BestST+0.01OS: 30.5 4 4 #ST[s] OS[mm] it for cr10cm100N30ny4nu4iti2IS2z5Tl100
2025 kuro@kurlab-VB:~/sotu/2013/mesp$ -1.0 0 #ST[s] OS[mm] it for cr10cm100N30ny4nu4iti2IS2z5Tl100
2026 -1.0 2843 1 #ST[s] OS[mm] it for cr10cm100N30ny4nu4iti2IS2z5Tl100
2027 -1.0 3891 2 #ST[s] OS[mm] it for cr10cm100N30ny4nu4iti2IS2z5Tl100
2028 54.2 408 3 #ST[s] OS[mm] it for cr10cm100N30ny4nu4iti2IS2z5Tl100
2029 30.5 4 4 #ST[s] OS[mm] it for cr10cm100N30ny4nu4iti2IS2z5Tl100
2030 63.2 2880 5 #ST[s] OS[mm] it for cr10cm100N30ny4nu4iti2IS2z5Tl100
2031 37.5 100 6 #ST[s] OS[mm] it for cr10cm100N30ny4nu4iti2IS2z5Tl100
2032 -1.0 0 7 #ST[s] OS[mm] it for cr10cm100N30ny4nu4iti2IS2z5Tl100
2033 59.5 1566 8 #ST[s] OS[mm] it for cr10cm100N30ny4nu4iti2IS2z5Tl100
2034 51.6 0 9 #ST[s] OS[mm] it for cr10cm100N30ny4nu4iti2IS2z5Tl100
2035 39.6 0 10 #ST[s] OS[mm] it for cr10cm100N30ny4nu4iti2IS2z5Tl100
2036 cr10cm100N20
2037 #BestOS+0.01St: 27.0 0 9 #ST[s] OS[mm] it for cr10cm100N20ny4nu4iti2IS2z5Tl100
2038 #BestST+0.01OS: 27.0 0 9 #ST[s] OS[mm] it for cr10cm100N20ny4nu4iti2IS2z5Tl100
2039 kuro@kurlab-VB:~/sotu/2013/mesp$ -1.0 0 #ST[s] OS[mm] it for cr10cm100N20ny4nu4iti2IS2z5Tl100
2040 -1.0 8566 2 #ST[s] OS[mm] it for cr10cm100N20ny4nu4iti2IS2z5Tl100
2041 61.5 243 3 #ST[s] OS[mm] it for cr10cm100N20ny4nu4iti2IS2z5Tl100
2042 -1.0 0 3 #ST[s] OS[mm] it for cr10cm100N20ny4nu4iti2IS2z5Tl100
2043 34.7 579 4 #ST[s] OS[mm] it for cr10cm100N20ny4nu4iti2IS2z5Tl100
2044 56.4 1458 5 #ST[s] OS[mm] it for cr10cm100N20ny4nu4iti2IS2z5Tl100
2045 -1.0 10858 6 #ST[s] OS[mm] it for cr10cm100N20ny4nu4iti2IS2z5Tl100
2046 61.5 4 7 #ST[s] OS[mm] it for cr10cm100N20ny4nu4iti2IS2z5Tl100
2047 29.3 0 8 #ST[s] OS[mm] it for cr10cm100N20ny4nu4iti2IS2z5Tl100
2048 27.0 0 9 #ST[s] OS[mm] it for cr10cm100N20ny4nu4iti2IS2z5Tl100
2049 -1.0 137.10 #ST[s] OS[mm] it for cr10cm100N20ny4nu4iti2IS2z5Tl100
2050 cr10cm100N10
2051 #BestOS+0.01St: 26.9 1 8 #ST[s] OS[mm] it for cr10cm100N10ny4nu4iti2IS2z5Tl100
2052 #BestST+0.01OS: 26.9 1 8 #ST[s] OS[mm] it for cr10cm100N10ny4nu4iti2IS2z5Tl100
2053 -1.0 0 #ST[s] OS[mm] it for cr10cm100N10ny4nu4iti2IS2z5Tl100
2054 -1.0 7798 1 #ST[s] OS[mm] it for cr10cm100N10ny4nu4iti2IS2z5Tl100
2055 -1.0 0 2 #ST[s] OS[mm] it for cr10cm100N10ny4nu4iti2IS2z5Tl100
2056 -1.0 0 3 #ST[s] OS[mm] it for cr10cm100N10ny4nu4iti2IS2z5Tl100
2057 -1.0 9464 4 #ST[s] OS[mm] it for cr10cm100N10ny4nu4iti2IS2z5Tl100
2058 -1.0 8021.5 #ST[s] OS[mm] it for cr10cm100N10ny4nu4iti2IS2z5Tl100
2059 32.2 2 6 #ST[s] OS[mm] it for cr10cm100N10ny4nu4iti2IS2z5Tl100
2060 33.9 25 7 #ST[s] OS[mm] it for cr10cm100N10ny4nu4iti2IS2z5Tl100
2061 26.9 1 8 #ST[s] OS[mm] it for cr10cm100N10ny4nu4iti2IS2z5Tl100
2062 30.4 1 9 #ST[s] OS[mm] it for cr10cm100N10ny4nu4iti2IS2z5Tl100
2063 49.3 49 10 #ST[s] OS[mm] it for cr10cm100N10ny4nu4iti2IS2z5Tl100
2064 #cr10cm100N8 b10
2065 #BestOS+0.01St: 25.6 0 4 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2066 #BestST+0.01OS: 22.4 12 9 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2067 ***BeetST+++ reduce S
T
2068 -1.0 0 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2069 -1.0 6590 1 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2070 32.1 0 2 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2071 28.5 0 3 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2072 25.6 0 4 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2073 23.1 63 5 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2074 -1.0 1887 6 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2075 25.4 2 7 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2076 25.4 6 8 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2077 22.4 12 9 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2078 -1.0 0 10 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2079 #BestOS+0.01St: 27.9 0 10 #ST[s] OS[mm] it for cr10cm100N6ny4nu4iti2IS2z5Tl100
2080 #BestST+0.01OS: 21.1 90 6 #ST[s] OS[mm] it for cr10cm100N6ny4nu4iti2IS2z5Tl100
2081 #BestOS+0.01St: 23.8 0 6 #ST[s] OS[mm] it for cr10cm100N6ny4nu4iti2IS2z5Tl100
2082 #check iCo=20
2083 #BestST+0.01OS: 25.6 0 4 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2084 #check iCo=20
2085 #BestOS+0.01St: 25.6 0 4 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2086 #BestST+0.01OS: 22.4 10 16 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100 try iCo=20
```

```
-1.0 0 0 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
-1.0 6590 1 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2088 32.1 0 2 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2089 28.5 0 3 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2090 25.6 0 4 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2091 23.1 63 5 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2092 -1.0 1887 6 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2093 25.4 2 7 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2094 25.4 6 8 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2095 22.4 12 9 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2096 -1.0 0 10 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2097 -1.0 6499 11 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2098 -1.0 5461 12 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2099 38.7 1637 13 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2100 28.9 106 14 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2101 -1.0 0 15 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2102 22.4 10 16 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2103 27.3 185 17 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2104 37.4 0 18 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2105 30.1 5 19 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2106 68.6 2622 20 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2107
2108
2109 #b=20 for check
2110 #BestOS+0.01St: 25.8 0 5 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2111 #BestST+0.01OS: 19.5 39 6 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2112 -1.0 0 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2113 -1.0 9625 1 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2114 -1.0 6762 2 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2115 -1.0 0 3 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2116 -1.0 5894 4 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2117 25.8 0 5 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2118 19.5 39 6 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2119 29.4 7 7 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2120 29.9 177 8 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2121 32.0 0 9 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2122 35.7 0 10 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2123
2124 #Ky:0.05#BeetOS+0.01St: 26.6 0 9 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2125 #Ky:0.05#BeetST+0.01OS: 21.2 12 6 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2126 #Ky:0.05#-1.0 0 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2127 #Ky:0.05#-1.0 6618 1 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2128 #Ky:0.05#38.4 0 2 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2129 #Ky:0.05#34.4 0 3 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2130 #Ky:0.05#33.4 0 4 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2131 #Ky:0.05#38.4 336 5 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2132 #Ky:0.05#21.2 12 6 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2133 #Ky:0.05#43.7 65 7 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2134 #Ky:0.05#37.0 8 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2135 #Ky:0.05#26.6 0 9 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2136 #Ky:0.05#32.0 3 10 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2137
2138 #Ky:0.2#BeetOS+0.01St: 28.0 0 10 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2139 #Ky:0.2#BeetST+0.01OS: 20.8 56 5 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2140 #Ky:0.2#kuro@kurlab-VB:~/sotu/2013/mesp$
2141 #Ky:0.2#-1.0 0 0 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2142 #Ky:0.2#-1.0 6961 1 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2143 #Ky:0.2#21.9 3 2 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2144 #Ky:0.2#23.4 12 3 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2145 #Ky:0.2#21.7 27 4 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2146 #Ky:0.2#20.8 56 5 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2147 #Ky:0.2#-1.0 0 6 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2148 #Ky:0.2#-1.0 0 7 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2149 #Ky:0.2#-1.0 13075 8 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2150 #Ky:0.2#-1.0 7339 9 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2151 #Ky:0.2#28.0 0 10 #ST[s] OS[mm] it for cr10cm100N8ny4nu4iti2IS2z5Tl100
2152
2153
2154 cr10cm100 N7
2155 #BestOS+0.01St: 22.9 0 8 #ST[s] OS[mm] it for cr10cm100N7ny4nu4iti2IS2z5Tl100
2156 #BestST+0.01OS: 22.9 0 8 #ST[s] OS[mm] it for cr10cm100N7ny4nu4iti2IS2z5Tl100
2157 -1.0 0 #ST[s] OS[mm] it for cr10cm100N7ny4nu4iti2IS2z5Tl100
2158 -1.0 9079 1 #ST[s] OS[mm] it for cr10cm100N7ny4nu4iti2IS2z5Tl100
2159 37.1 0 2 #ST[s] OS[mm] it for cr10cm100N7ny4nu4iti2IS2z5Tl100
2160 34.6 0 3 #ST[s] OS[mm] it for cr10cm100N7ny4nu4iti2IS2z5Tl100
2161 33.0 0 4 #ST[s] OS[mm] it for cr10cm100N7ny4nu4iti2IS2z5Tl100
2162 33.2 69 5 #ST[s] OS[mm] it for cr10cm100N7ny4nu4iti2IS2z5Tl100
2163 23.2 2090 6 #ST[s] OS[mm] it for cr10cm100N7ny4nu4iti2IS2z5Tl100
2164 93.0 0 7 #ST[s] OS[mm] it for cr10cm100N7ny4nu4iti2IS2z5Tl100
2165 22.9 0 8 #ST[s] OS[mm] it for cr10cm100N7ny4nu4iti2IS2z5Tl100
2166 25.9 0 9 #ST[s] OS[mm] it for cr10cm100N7ny4nu4iti2IS2z5Tl100
2167 42.5 13 10 #ST[s] OS[mm] it for cr10cm100N7ny4nu4iti2IS2z5Tl100
2168
```



```
2297 mkdir ${d0};mkdir ${d1};mv result-ensra2ge/net* ${d1}/
2298 listSS=${d1}/net-cr${cr}cm${cm}N${N}ny4nu4it1${it}1;IS2r${r}T${T}it20/listSS.dat"
2299
2300 # (3) 上で保存されたネット ${d1}/${d1}/net-cr2cm1ON30ny4nu4it12IS2r5T100it20/*を用いて1回制御 (iti:1:1
)
2301 emulate_crane2 it:1:1 r:5 cr:2 cm:10 cc:0.5 umax:10 tt:100 kxt:1 method:12:30:10:0.7:0:../mspcdata/r
2302 result/bi10/net_cr2cm1ON30ny4nu4it12IS2r5T100it20 DISP:0 listSS:1 T:100 N2s:1.2 LAMBDA:0.01
2303
2304 # (4) singleCAN20の実行はben_bagsで行う。速い、でも不安定？
2305 N=30;as=0.7;b=10;r=5;cr=2;cm=10;it0=20;it1=2;it=2;it=${it0}:${it1};T=100
2306 N=30;as=0.7;b=10;r=5;cr=10;cm=10;it0=20;it1=2;it=${it0}:${it1};T=100
2307 N=30;as=0.7;b=10;r=5;cr=2;cm=100;it0=20;it1=2;it=${it0}:${it1};T=100
2308 b=1;
2309 cmd=emulate_crane2 it:${it} r:${r} cr:${cr} cm:${cm} cc:0.5 umax:10 tt:100 kxt:1 method:12:${N}:${b
}:${s}:0 DISP:0 listSS:1 T:100 N2s:1.2 LAMBDA:0.01"
2310
2311 # (5)上の(1),(2)などのでできるlistSS.datから整定時間,オーバershootが小さいイタレーションを探す。
2312 listSS=${d1}/net-cr${cr}cm${cm}N${N}ny4nu4it1${it}1;IS2r${r}T${T}it20/listSS.dat"
2313 cp ${listSS} ./listSS.dat;
2314 cmd="cat ${listSS}|awk 'BEGIN {vml=1e9} {if($1>0) {v=s2s1*0.01; if (v<vm) {vm=v;i=s3+1}}} END {printf
("head & listSS.dat",-i)}';echo -n "#BestOS+0.01ST:"$cmd$ cat listSS.dat|awk 'BEGIN {vml=
9} {if($1=0) {v=s1+0.01*$2; if (v<vm) {vm=v;i=s3+1}}} END {printf("head & listSS.dat",-i)}';echo -n "#BestS
T+0.01OS:"$cmd$ cat listSS.dat
2316 cat listSS.dat
2317
2318 # (1)real62m56.671s user58m29.783s sys3m56.911s b=1
2319 b=10
2320 #BestOS+0.01ST: 22.8 0 11 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5T100 #BestST+0.01ST: 31.7
5 12
2321 #BestST+0.01OS: 18.3 3 10 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5T100 #BestST+0.01OS: 25.1
1 14
2322 -1.0 0 0 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5T100 -1.0 0 0 #ST[s] OS[mm] it for c
r2cm1ON30ny4nu4it12IS2r5T100
2323 -1.0 4047 1 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5T100 60.1 23 1 #ST[s] OS[mm] it for c
r2cm1ON30ny4nu4it12IS2r5T100
2324 20.1 41 2 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5T100 38.5 446 2 #ST[s] OS[mm] it for c
r2cm1ON30ny4nu4it12IS2r5T100
2325 23.2 53 3 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5T100 29.3 9 3 #ST[s] OS[mm] it for c
r2cm1ON30ny4nu4it12IS2r5T100
2326 22.7 60 4 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5T100 20.7 31 4 #ST[s] OS[mm] it for c
r2cm1ON30ny4nu4it12IS2r5T100
2327 22.3 93 5 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5T100 31.1 4 5 #ST[s] OS[mm] it for c
r2cm1ON30ny4nu4it12IS2r5T100
2328 30.3 105 6 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5T100 54.6 9 6 #ST[s] OS[mm] it for c
r2cm1ON30ny4nu4it12IS2r5T100
2329 24.6 25 7 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5T100 23.2 1 7 #ST[s] OS[mm] it for c
r2cm1ON30ny4nu4it12IS2r5T100
2330 30.8 8 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5T100 27.5 104 8 #ST[s] OS[mm] it for
cr2cm1ON30ny4nu4it12IS2r5T100
2331 27.4 1 9 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5T100 38.9 416 9 #ST[s] OS[mm] it for
cr2cm1ON30ny4nu4it12IS2r5T100
2332 18.3 3 10 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5T100 26.4 0 10 #ST[s] OS[mm] it for c
r2cm1ON30ny4nu4it12IS2r5T100
2333 22.8 0 11 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5T100 29.3 4 11 #ST[s] OS[mm] it for c
r2cm1ON30ny4nu4it12IS2r5T100
2334 34.7 0 12 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5T100 31.7 5 12 #ST[s] OS[mm] it for c
r2cm1ON30ny4nu4it12IS2r5T100
2335 22.6 28 13 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5T100 20.9 0 13 #ST[s] OS[mm] it for c
r2cm1ON30ny4nu4it12IS2r5T100
2336 30.2 0 14 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5T100 25.1 1 14 #ST[s] OS[mm] it for c
r2cm1ON30ny4nu4it12IS2r5T100
2337 29.9 0 15 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5T100 35.8 344 15 #ST[s] OS[mm] it for
cr2cm1ON30ny4nu4it12IS2r5T100
2338 32.0 4 16 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5T100 27.0 0 16 #ST[s] OS[mm] it for c
r2cm1ON30ny4nu4it12IS2r5T100
2339 32.6 0 17 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5T100 25.0 0 17 #ST[s] OS[mm] it for c
r2cm1ON30ny4nu4it12IS2r5T100
2340 28.9 1 18 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5T100 26.2 13 18 #ST[s] OS[mm] it for c
r2cm1ON30ny4nu4it12IS2r5T100
2341 24.4 0 19 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5T100 37.9 828 19 #ST[s] OS[mm] it for
cr2cm1ON30ny4nu4it12IS2r5T100
2342 29.1 0 20 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5T100 27.1 1 20 #ST[s] OS[mm] it for c
r2cm1ON30ny4nu4it12IS2r5T100
2343
2344 (2)real62m48.400s user58m17.619s sys4m5.151s
2345 #BestOS+0.01ST: 42.8 1 20 #ST[s] OS[mm] it for cr10cm1ON30ny4nu4it12IS2r5T100 #BestOS+0.01ST: 37.2
3 19
2346 #BestST+0.01OS: 18.4 70 16 #ST[s] OS[mm] it for cr10cm1ON30ny4nu4it12IS2r5T100 #BestST+0.01OS: 22.2
14 4
2347 -1.0 0 0 #ST[s] OS[mm] it for cr10cm1ON30ny4nu4it12IS2r5T100 -1.0 0 0 #ST[s] OS[mm] it for
```

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cr10cm1ON30ny4nu4it12IS2r5T100
2348 -1.0 409 1 #ST[s] OS[mm] it for cr10cm1ON30ny4nu4it12IS2r5T100 -1.0 1290 1 #ST[s] OS[mm] it f
or cr10cm1ON30ny4nu4it12IS2r5T100
2349 26.0 50 2 #ST[s] OS[mm] it for cr10cm1ON30ny4nu4it12IS2r5T100 -1.0 398 2 #ST[s] OS[mm] it fo
r cr10cm1ON30ny4nu4it12IS2r5T100
2350 24.6 27 3 #ST[s] OS[mm] it for cr10cm1ON30ny4nu4it12IS2r5T100 -1.0 230 3 #ST[s] OS[mm] it fo
r cr10cm1ON30ny4nu4it12IS2r5T100
2351 29.3 23 4 #ST[s] OS[mm] it for cr10cm1ON30ny4nu4it12IS2r5T100 22.2 14 4 #ST[s] OS[mm] it for
cr10cm1ON30ny4nu4it12IS2r5T100
2352 30.5 3 5 #ST[s] OS[mm] it for cr10cm1ON30ny4nu4it12IS2r5T100 53.6 1437 5 #ST[s] OS[mm] it f
or cr10cm1ON30ny4nu4it12IS2r5T100
2353 30.2 3 6 #ST[s] OS[mm] it for cr10cm1ON30ny4nu4it12IS2r5T100 38.6 453 6 #ST[s] OS[mm] it fo
r cr10cm1ON30ny4nu4it12IS2r5T100
2354 31.6 2 7 #ST[s] OS[mm] it for cr10cm1ON30ny4nu4it12IS2r5T100 29.5 6 7 #ST[s] OS[mm] it for
cr10cm1ON30ny4nu4it12IS2r5T100
2355 34.2 6 8 #ST[s] OS[mm] it for cr10cm1ON30ny4nu4it12IS2r5T100 48.9 1114 8 #ST[s] OS[mm] it f
or cr10cm1ON30ny4nu4it12IS2r5T100
2356 32.8 759 9 #ST[s] OS[mm] it for cr10cm1ON30ny4nu4it12IS2r5T100 45.4 3 9 #ST[s] OS[mm] it for
cr10cm1ON30ny4nu4it12IS2r5T100
2357 39.9 1417 10 #ST[s] OS[mm] it for cr10cm1ON30ny4nu4it12IS2r5T100 58.8 812 10 #ST[s] OS[mm] it fo
r cr10cm1ON30ny4nu4it12IS2r5T100
2358 29.4 13 11 #ST[s] OS[mm] it for cr10cm1ON30ny4nu4it12IS2r5T100 53.4 4 11 #ST[s] OS[mm] it for
cr10cm1ON30ny4nu4it12IS2r5T100
2359 29.6 8 12 #ST[s] OS[mm] it for cr10cm1ON30ny4nu4it12IS2r5T100 -1.0 265 12 #ST[s] OS[mm] it fo
r cr10cm1ON30ny4nu4it12IS2r5T100
2360 30.2 5 13 #ST[s] OS[mm] it for cr10cm1ON30ny4nu4it12IS2r5T100 30.8 10 13 #ST[s] OS[mm] it for
cr10cm1ON30ny4nu4it12IS2r5T100
2361 99.8 246 14 #ST[s] OS[mm] it for cr10cm1ON30ny4nu4it12IS2r5T100 30.3 25 14 #ST[s] OS[mm] it for
cr10cm1ON30ny4nu4it12IS2r5T100
2362 22.6 35 15 #ST[s] OS[mm] it for cr10cm1ON30ny4nu4it12IS2r5T100 37.8 7 15 #ST[s] OS[mm] it for
cr10cm1ON30ny4nu4it12IS2r5T100
2363 18.4 70 16 #ST[s] OS[mm] it for cr10cm1ON30ny4nu4it12IS2r5T100 96.6 10 16 #ST[s] OS[mm] it for
cr10cm1ON30ny4nu4it12IS2r5T100
2364 35.9 3 17 #ST[s] OS[mm] it for cr10cm1ON30ny4nu4it12IS2r5T100 40.1 96 17 #ST[s] OS[mm] it for
cr10cm1ON30ny4nu4it12IS2r5T100
2365 41.6 4 18 #ST[s] OS[mm] it for cr10cm1ON30ny4nu4it12IS2r5T100 28.2 60 18 #ST[s] OS[mm] it for
cr10cm1ON30ny4nu4it12IS2r5T100
2366 41.4 5 19 #ST[s] OS[mm] it for cr10cm1ON30ny4nu4it12IS2r5T100 37.2 3 19 #ST[s] OS[mm] it for
cr10cm1ON30ny4nu4it12IS2r5T100
2367 42.8 1 20 #ST[s] OS[mm] it for cr10cm1ON30ny4nu4it12IS2r5T100 32.2 8 20 #ST[s] OS[mm] it for
cr10cm1ON30ny4nu4it12IS2r5T100
2368
2369 2013.06.05
2370 make data-clean;date;cmd=emulate_crane2 it:20:12 r:5 cr:12 cm:10 cc:0.5 umax:10 tt:100 kxt:1 method:1
2:30:10:0.7:0 DISP:0 listSS:1 T:100 N2s:1.2 LAMBDA:0.01";time $cmd;date
2372
2373 -1.0 0 0 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5T100 a=0.7
2374 -1.0 4047 1 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5T100
2375 20.1 41 2 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5T100
2376 23.2 53 3 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5T100
2377 22.7 60 4 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5T100
2378 22.3 93 5 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5T100
2379 30.3 105 6 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5T100
2380 24.6 25 7 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5T100
2381 30.8 3 8 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5T100
2382 27.4 1 9 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5T100
2383 18.3 3 10 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5T100
2384 22.8 0 11 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5T100
2385 34.7 0 12 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5T100
2386 22.6 28 13 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5T100
2387 30.2 0 14 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5T100
2388 29.9 0 15 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5T100
2389 32.0 4 16 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5T100
2390 32.6 0 17 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5T100
2391 28.9 1 18 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5T100
2392 29.4 0 19 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5T100
2393 24.1 0 20 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5T100
2394
2395 -1.0 0 0 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5T100 a=0.8
2396 -1.0 1125 1 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5T100
2397 26.1 8 2 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5T100
2398 26.1 2 3 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5T100
2399 29.9 0 4 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5T100
2400 33.6 356 5 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5T100
2401 17.7 31 6 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5T100
2402 26.5 158 7 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5T100
2403 19.9 9 8 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5T100
2404 27.7 0 9 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5T100
2405 19.1 28 10 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5T100
2406 26.1 0 11 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5T100
2407 28.9 0 12 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5T100
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2408 26.8 0 13 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2409 23.1 14 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2410 21.2 14 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2411 30.8 2 16 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2412 36.1 0 17 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2413 33.3 0 18 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2414 25.4 96 19 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2415 31.2 1 20 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2416
2417 -1.0 0 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2418 -1.0 2278 1 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2419 19.1 96 2 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2420 22.2 96 3 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2421 23.0 14 4 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2422 20.7 42 5 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2423 28.1 720 6 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2424 28.6 220 7 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2425 21.4 28 8 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2426 24.4 19 9 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2427 30.1 356 10 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2428 24.4 8 11 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2429 27.9 8 12 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2430 24.4 13 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2431 18.5 43 14 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2432 27.4 0 15 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2433 26.6 3 16 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2434 21.7 0 17 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2435 27.0 0 18 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2436 16.6 26 19 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2437 32.7 0 20 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2438
2439
2440 -1.0 0 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100 a=1.6
2441 83.7 96 1 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2442 28.8 127 2 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2443 20.0 60 3 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2444 30.7 0 4 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2445 28.2 0 5 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2446 29.4 343 6 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2447 21.1 0 7 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2448 28.8 3 8 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2449 28.7 2 9 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2450 27.4 0 10 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2451 19.5 38 11 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2452 30.3 12 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2453 26.7 8 13 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2454 31.9 184 14 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2455 26.4 433 15 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2456 32.6 186 16 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2457 25.6 0 17 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2458 28.7 0 18 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2459 26.3 10 19 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2460 31.9 3 20 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2461
2462 -1.0 0 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100 a=1.6
2463 -1.0 3607 1 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2464 26.6 0 2 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2465 22.2 27 3 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2466 26.1 7 4 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2467 31.0 157 5 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2468 33.9 313 6 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2469 23.6 10 7 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2470 21.9 0 8 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2471 26.6 4 9 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2472 19.4 17 10 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2473 31.6 224 11 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2474 26.6 1 12 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2475 32.2 0 13 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2476 32.6 3 14 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2477 40.1 1 15 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2478 36.4 640 16 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2479 25.9 2 17 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2480 31.3 0 18 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2481 27.4 6 19 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2482 27.1 1 20 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it12IS2r5r100
2483
2484
2485 2012.12.04 by Ubuntu12.04+kurolab with gcc ia32
2486 b=1;N=20;a=0;for cr in 2; do for cm in 10; do
2487 make data-clean:date;time emulate_crane2 tt:20.2 r15 cr:$cr cm:$cm cc:0.5 umax:10 tt:100 kxt:1 metho
2488 d:12:$[N]:$[b]:$a:0 DISP:0 listSS:1 T:100 N2s:12 LAMBDA:0.01:date
2489
2490 2491 done/done
2492 -1.0 0 0 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2493 -1.0 10956 1 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2494 60.4 135 2 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2495 20.4 56 3 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2496 35.8 289 4 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2497 28.8 6 5 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2498 42.1 0 6 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2499 28.4 10 7 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2500 30.7 148 8 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2501 45.5 754 9 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2502 25.2 101 10 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2503 26.4 0 11 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2504 23.9 9 12 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2505 28.1 0 13 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2506 49.6 422 14 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2507 22.5 64 15 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2508 27.6 1 16 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2509 40.0 638 17 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2510 20.3 60 18 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2511 22.7 0 19 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2512 19.2 27 20 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2513 #with %.7e in apc_crane.c
2514 #BestOS+0.01ST: 22.2 0 20 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2515 #BestOS+0.01OS: 20.4 56 3 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2516 #BestOS+0.01ST: 22.7 0 19 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2517 #BestOS+0.01OS: 19.2 27 20 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2518 #BestOS+0.01ST: 24.7 0 4 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2519 #BestOS+0.01OS: 18.7 37 3 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2520 #BestOS+0.01ST: 23.9 0 14 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2521 #BestOS+0.01OS: 20.9 44 19 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2522 #BestOS+0.01ST: 25.1 0 17 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2523 #BestOS+0.01OS: 20.5 44 14 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2524 #with %.8e in apc_crane.c
2525 #BestOS+0.01ST: 24.4 0 5 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2526 #BestOS+0.01OS: 19.0 9 3 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2527 #BestOS+0.01ST: 20.7 0 20 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2528 #BestOS+0.01OS: 19.2 17 16 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2529 #with %.9e in apc_crane.c
2530 #BestOS+0.01ST: 21.1 0 5 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2531 #BestOS+0.01OS: 19.6 25 14 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2532 #BestOS+0.01ST: 22.1 0 12 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2533 #BestOS+0.01OS: 19.2 19 13 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2534
2535 2012.05.18
2536 #for ICONIP2012
2537 #1) N=20 best ? done at susanoo
2538 b=1;N=20;a=0;for cr in 2; do for cm in 10 100; do
2539 make data-clean:date;time emulate_crane2 tt:20.2 r15 cr:$cr cm:$cm cc:0.5 umax:10 tt:100 kxt:1 metho
2540 d:12:$[N]:$[b]:$a:0 DISP:0 listSS:1 T:100 N2s:12 LAMBDA:0.01:date
2541 #net* ../mspdata:result/b$[b]a$a[.7e/
2542 cat listSS.dat;cmd+cat listSS.dat|awk 'BEGIN {vm=1e9} {if($1>0) {v=$2+$1*0.01; if(v<vm) {vm=v;i=$3+
2543 wk `BEGIN {vm=1e9} {if($1>0) {v=$1*0.01*$2; if(v<vm) {vm=v;i=$3+1}}} END {printf("head %d listSS.dat",-i)}}
2544 `echo -n "#BestST+0.01OS:";#$cmd | call -1
2545 2542 done/done
2546 2543 "N=20 best ? done at susanoo
```

```
2489 mkdir ../mspdata:mkdir ../mspdata:result/`mkdir ../mspdata/result/b$[b]a$a[.7e/mv result-ensrs2g
e/net* ../mspdata:result/b$[b]a$a[.7e/
2490 cat listSS.dat;cmd+cat listSS.dat|awk 'BEGIN {vm=1e9} {if($1>0) {v=$2+$1*0.01; if(v<vm) {vm=v;i=$3+
1}}} END {printf("head %d listSS.dat",-i)}} `echo -n "#BestOS+0.01ST:";#$cmd | tail -1;cmd+cat listSS.dat|a
wk `BEGIN {vm=1e9} {if($1>0) {v=$1*0.01*$2; if(v<vm) {vm=v;i=$3+1}}} END {printf("head %d listSS.dat",-i)}}
2491 `echo -n "#BestST+0.01OS:";#$cmd | tail -1
2492 done/done
2493 -1.0 0 0 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2494 -1.0 10956 1 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2495 60.4 135 2 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2496 20.4 56 3 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2497 35.8 289 4 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2498 28.8 6 5 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2499 42.1 0 6 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2500 28.4 10 7 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2501 30.7 148 8 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2502 45.5 754 9 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2503 25.2 101 10 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2504 26.4 0 11 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2505 23.9 9 12 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2506 28.1 0 13 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2507 49.6 422 14 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2508 22.5 64 15 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2509 27.6 1 16 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2510 40.0 638 17 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2511 20.3 60 18 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2512 22.7 0 19 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2513 19.2 27 20 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2514 #with %.7e in apc_crane.c
2515 #BestOS+0.01ST: 22.2 0 20 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2516 #BestOS+0.01OS: 20.4 56 3 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2517 #BestOS+0.01ST: 22.7 0 19 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2518 #BestOS+0.01ST: 19.2 27 20 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2519 #BestOS+0.01ST: 24.7 0 4 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2520 #BestOS+0.01OS: 18.7 37 3 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2521 #BestOS+0.01ST: 23.9 0 14 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2522 #BestOS+0.01ST: 20.9 44 19 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2523 #BestOS+0.01ST: 25.1 0 17 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2524 #with %.8e in apc_crane.c
2525 #BestOS+0.01ST: 24.4 0 5 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2526 #BestOS+0.01OS: 19.0 9 3 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2527 #BestOS+0.01ST: 20.7 0 20 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2528 #BestOS+0.01OS: 19.2 17 16 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2529 #with %.9e in apc_crane.c
2530 #BestOS+0.01ST: 21.1 0 5 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2531 #BestOS+0.01OS: 19.6 25 14 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2532 #BestOS+0.01ST: 22.1 0 12 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2533 #BestOS+0.01OS: 19.2 19 13 #ST[s] OS[mm] it for cr2cm1ON20ny4nu4it12IS2r5r100
2534
2535 2012.05.18
2536 #for ICONIP2012
2537 #1) N=20 best ? done at susanoo
2538 b=1;N=20;a=0;for cr in 2; do for cm in 10 100; do
2539 make data-clean:date;time emulate_crane2 tt:20.2 r15 cr:$cr cm:$cm cc:0.5 umax:10 tt:100 kxt:1 metho
2540 d:12:$[N]:$[b]:$a:0 DISP:0 listSS:1 T:100 N2s:12 LAMBDA:0.01:date
2541 #net* ../mspdata:result/b$[b]a$a[.7e/
2542 cat listSS.dat;cmd+cat listSS.dat|awk 'BEGIN {vm=1e9} {if($1>0) {v=$2+$1*0.01; if(v<vm) {vm=v;i=$3+
2543 wk `BEGIN {vm=1e9} {if($1>0) {v=$1*0.01*$2; if(v<vm) {vm=v;i=$3+1}}} END {printf("head %d listSS.dat",-i)}}
2544 `echo -n "#BestST+0.01OS:";#$cmd | call -1
2545 2542 done/done
2546 2543 "N=20 best ? done at susanoo
```

2544 -1.0 0 0 #ST[s] OS[mm] it for cr1cm10N20ny4nu4iti2IS2r5Tl100
2545 -1.0 0 1 #ST[s] OS[mm] it for cr1cm10N20ny4nu4iti2IS2r5Tl100
2546 20.4 59 2 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti2IS2r5Tl100
2547 33.0 168 3 #ST[s] OS[mm] it for cr1cm10N20ny4nu4iti2IS2r5Tl100
2548 25.7 10 4 #ST[s] OS[mm] it for cr1cm10N20ny4nu4iti2IS2r5Tl100
2549 20.0 59 5 #ST[s] OS[mm] it for cr1cm10N20ny4nu4iti2IS2r5Tl100
2550 32.7 5 6 #ST[s] OS[mm] it for cr1cm10N20ny4nu4iti2IS2r5Tl100
2551 35.3 387 7 #ST[s] OS[mm] it for cr1cm10N20ny4nu4iti2IS2r5Tl100
2552 23.4 18 8 #ST[s] OS[mm] it for cr1cm10N20ny4nu4iti2IS2r5Tl100
2553 23.3 38 9 #ST[s] OS[mm] it for cr1cm10N20ny4nu4iti2IS2r5Tl100
2554 22.1 66 10 #ST[s] OS[mm] it for cr1cm10N20ny4nu4iti2IS2r5Tl100
2555 38.5 319 11 #ST[s] OS[mm] it for cr1cm10N20ny4nu4iti2IS2r5Tl100
2556 33.4 129 12 #ST[s] OS[mm] it for cr1cm10N20ny4nu4iti2IS2r5Tl100
2557 32.3 103 13 #ST[s] OS[mm] it for cr1cm10N20ny4nu4iti2IS2r5Tl100
2558 21.9 6 14 #ST[s] OS[mm] it for cr1cm10N20ny4nu4iti2IS2r5Tl100
2559 27.5 0 15 #ST[s] OS[mm] it for cr1cm10N20ny4nu4iti2IS2r5Tl100
2560 37.5 251 16 #ST[s] OS[mm] it for cr1cm10N20ny4nu4iti2IS2r5Tl100
2561 31.3 223 17 #ST[s] OS[mm] it for cr1cm10N20ny4nu4iti2IS2r5Tl100
2562 22.7 14 18 #ST[s] OS[mm] it for cr1cm10N20ny4nu4iti2IS2r5Tl100
2563 27.2 3 19 #ST[s] OS[mm] it for cr1cm10N20ny4nu4iti2IS2r5Tl100
2564 -1.0 205 20 #ST[s] OS[mm] it for cr1cm10N20ny4nu4iti2IS2r5Tl100
2565 #BestOS+0.01ST: 27.5 0 15 #ST[s] OS[mm] it for cr1cm10N20ny4nu4iti2IS2r5Tl100
2566 #BestST+0.01OS: 20.0 59 5 #ST[s] OS[mm] it for cr1cm10N20ny4nu4iti2IS2r5Tl100
2567 -1.0 0 0 #ST[s] OS[mm] it for cr1cm10N20ny4nu4iti2IS2r5Tl100
2568 42.7 7 1 #ST[s] OS[mm] it for cr1cm10N20ny4nu4iti2IS2r5Tl100
2569 21.8 57 2 #ST[s] OS[mm] it for cr1cm10N20ny4nu4iti2IS2r5Tl100
2570 23.4 46 3 #ST[s] OS[mm] it for cr1cm10N20ny4nu4iti2IS2r5Tl100
2571 24.3 46 4 #ST[s] OS[mm] it for cr1cm10N20ny4nu4iti2IS2r5Tl100
2572 23.8 61 5 #ST[s] OS[mm] it for cr1cm10N20ny4nu4iti2IS2r5Tl100
2573 22.2 63 6 #ST[s] OS[mm] it for cr1cm10N20ny4nu4iti2IS2r5Tl100
2574 33.8 173 7 #ST[s] OS[mm] it for cr1cm10N20ny4nu4iti2IS2r5Tl100
2575 31.8 33 8 #ST[s] OS[mm] it for cr1cm10N20ny4nu4iti2IS2r5Tl100
2576 25.1 3 9 #ST[s] OS[mm] it for cr1cm10N20ny4nu4iti2IS2r5Tl100
2577 23.3 59 10 #ST[s] OS[mm] it for cr1cm10N20ny4nu4iti2IS2r5Tl100
2578 35.5 137 11 #ST[s] OS[mm] it for cr1cm10N20ny4nu4iti2IS2r5Tl100
2579 33.4 118 12 #ST[s] OS[mm] it for cr1cm10N20ny4nu4iti2IS2r5Tl100
2580 32.7 10 13 #ST[s] OS[mm] it for cr1cm10N20ny4nu4iti2IS2r5Tl100
2581 36.1 270 14 #ST[s] OS[mm] it for cr1cm10N20ny4nu4iti2IS2r5Tl100
2582 24.4 23 15 #ST[s] OS[mm] it for cr1cm10N20ny4nu4iti2IS2r5Tl100
2583 21.4 60 16 #ST[s] OS[mm] it for cr1cm10N20ny4nu4iti2IS2r5Tl100
2584 24.1 26 17 #ST[s] OS[mm] it for cr1cm10N20ny4nu4iti2IS2r5Tl100
2585 23.9 25 18 #ST[s] OS[mm] it for cr1cm10N20ny4nu4iti2IS2r5Tl100
2586 23.7 21 19 #ST[s] OS[mm] it for cr1cm10N20ny4nu4iti2IS2r5Tl100
2587 26.8 18 20 #ST[s] OS[mm] it for cr1cm10N20ny4nu4iti2IS2r5Tl100
2588 #BestOS+0.01ST: 42.7 7 1 #ST[s] OS[mm] it for cr1cm10N20ny4nu4iti2IS2r5Tl100
2589 #BestST+0.01OS: 21.4 60 16 #ST[s] OS[mm] it for cr1cm10N20ny4nu4iti2IS2r5Tl100
2590 -1.0 0 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti2IS2r5Tl100
2591 -1.0 10957 1 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti2IS2r5Tl100
2592 22.8 43 2 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti2IS2r5Tl100
2593 20.6 34 3 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti2IS2r5Tl100
2594 22.2 80 4 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti2IS2r5Tl100
2595 37.2 0 5 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti2IS2r5Tl100
2596 20.1 45 6 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti2IS2r5Tl100
2597 36.8 455 7 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti2IS2r5Tl100
2598 32.4 196 8 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti2IS2r5Tl100
2599 19.7 23 9 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti2IS2r5Tl100
2600 19.7 7 10 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti2IS2r5Tl100
2601 31.0 0 11 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti2IS2r5Tl100
2602 32.1 0 12 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti2IS2r5Tl100
2603 21.2 15 13 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti2IS2r5Tl100
2604 30.2 368 14 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti2IS2r5Tl100
2605 29.6 2 15 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti2IS2r5Tl100
2606 24.5 124 16 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti2IS2r5Tl100
2607 34.1 593 17 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti2IS2r5Tl100
2608 38.1 445 18 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti2IS2r5Tl100
2609 32.4 66 19 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti2IS2r5Tl100
2610 32.9 2 20 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti2IS2r5Tl100
2611 #BestOS+0.01ST: 31.0 0 11 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti2IS2r5Tl100
2612 #BestST+0.01OS: 19.7 7 10 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti2IS2r5Tl100
2613 -1.0 0 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti2IS2r5Tl100
2614 94.5 342 1 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti2IS2r5Tl100
2615 27.3 5 2 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti2IS2r5Tl100
2616 28.3 28 3 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti2IS2r5Tl100
2617 22.8 13 4 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti2IS2r5Tl100
2618 24.3 57 5 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti2IS2r5Tl100
2619 35.1 110 6 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti2IS2r5Tl100
2620 37.9 340 7 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti2IS2r5Tl100
2621 42.6 0 8 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti2IS2r5Tl100
2622 31.3 10 9 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti2IS2r5Tl100
2623 29.2 13 10 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti2IS2r5Tl100
2624 39.9 844 11 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti2IS2r5Tl100
2625 22.3 79 12 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti2IS2r5Tl100

2626 33.3 277 13 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti2IS2r5Tl100
2627 27.3 19 14 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti2IS2r5Tl100
2628 25.2 15 15 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti2IS2r5Tl100
2629 22.5 5 16 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti2IS2r5Tl100
2630 46.8 1131 17 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti2IS2r5Tl100
2631 27.1 17 18 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti2IS2r5Tl100
2632 26.5 19 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti2IS2r5Tl100
2633 35.9 13 20 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti2IS2r5Tl100
2634 #BestOS+0.01ST: 42.6 0 8 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti2IS2r5Tl100
2635 #BestST+0.01OS: 22.5 5 16 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti2IS2r5Tl100
2636 -1.0 0 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti2IS2r5Tl100
2637 1.0 331 1 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti2IS2r5Tl100
2638 26.8 13 2 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti2IS2r5Tl100
2639 24.2 60 3 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti2IS2r5Tl100
2640 43.1 1 4 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti2IS2r5Tl100
2641 41.4 9 5 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti2IS2r5Tl100
2642 98.6 382 6 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti2IS2r5Tl100
2643 43.7 949 7 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti2IS2r5Tl100
2644 26.7 124 8 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti2IS2r5Tl100
2645 29.9 12 9 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti2IS2r5Tl100
2646 25.6 23 10 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti2IS2r5Tl100
2647 28.5 20 11 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti2IS2r5Tl100
2648 35.9 1359 12 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti2IS2r5Tl100
2649 23.9 13 13 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti2IS2r5Tl100
2650 28.8 5 14 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti2IS2r5Tl100
2651 18.9 8 15 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti2IS2r5Tl100
2652 47.1 486 16 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti2IS2r5Tl100
2653 21.0 63 17 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti2IS2r5Tl100
2654 40.8 14 18 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti2IS2r5Tl100
2655 35.7 743 19 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti2IS2r5Tl100
2656 31.2 0 20 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti2IS2r5Tl100
2657 #BestOS+0.01ST: 31.2 0 20 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti2IS2r5Tl100
2658 #BestST+0.01OS: 18.9 8 15 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti2IS2r5Tl100
2659 -1.0 0 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti2IS2r5Tl100
2660 -1.0 7605 1 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti2IS2r5Tl100
2661 -1.0 2654 2 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti2IS2r5Tl100
2662 -1.0 6158 3 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti2IS2r5Tl100
2663 87.0 123 4 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti2IS2r5Tl100
2664 -1.0 0 5 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti2IS2r5Tl100
2665 51.6 1143 6 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti2IS2r5Tl100
2666 42.8 0 7 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti2IS2r5Tl100
2667 33.2 11 8 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti2IS2r5Tl100
2668 -1.0 9 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti2IS2r5Tl100
2669 12.7 126 10 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti2IS2r5Tl100
2670 63.0 85 11 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti2IS2r5Tl100
2671 47.9 1786 12 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti2IS2r5Tl100
2672 40.7 1050 13 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti2IS2r5Tl100
2673 80.8 3955 14 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti2IS2r5Tl100
2674 58.1 7 15 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti2IS2r5Tl100
2675 -1.0 8822 16 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti2IS2r5Tl100
2676 26.4 2 17 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti2IS2r5Tl100
2677 36.5 0 18 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti2IS2r5Tl100
2678 -1.0 40 19 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti2IS2r5Tl100
2679 91.0 3029 20 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti2IS2r5Tl100
2680 #BestOS+0.01ST: 36.5 0 18 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti2IS2r5Tl100
2681 #BestST+0.01OS: 26.4 2 17 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti2IS2r5Tl100
2682 #(#2)
2683 ##
2684 #BestOS+0.01ST: 27.5 0 15 #ST[s] OS[mm] it for cr1cm10N20ny4nu4iti2IS2r5Tl100 #nouse
2685 #BestOS+0.01ST: 42.7 7 1 #ST[s] OS[mm] it for cr1cm10N20ny4nu4iti2IS2r5Tl100 #nouse
2686 #BestOS+0.01ST: 31.0 0 11 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti2IS2r5Tl100
2687 #BestOS+0.01ST: 42.6 0 8 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti2IS2r5Tl100
2688 #BestOS+0.01ST: 31.2 0 20 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti2IS2r5Tl100
2689 #BestOS+0.01ST: 36.5 0 18 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti2IS2r5Tl100
2690 #
2691 #BestST+0.01OS: 20.0 59 5 #ST[s] OS[mm] it for cr1cm10N20ny4nu4iti2IS2r5Tl100 #nouse
2692 #BestST+0.01OS: 21.4 60 16 #ST[s] OS[mm] it for cr1cm10N20ny4nu4iti2IS2r5Tl100
2693 #BestST+0.01OS: 19.7 7 10 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti2IS2r5Tl100
2694 #BestST+0.01OS: 22.5 5 16 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti2IS2r5Tl100
2695 #BestST+0.01OS: 18.9 8 15 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti2IS2r5Tl100
2696 #BestST+0.01OS: 26.4 2 17 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti2IS2r5Tl100
2697 #BestOS
2698 fl=b=20;a=0;d=../mspdata/result/b\$[b]
2699 f1=\$d/net-cr1cm10N\$[N]py4nu4iti2IS2r5Tl100it11
2700 f2=\$d/net-cr2cm10N\$[N]py4nu4iti2IS2r5Tl100it8
2701 f3=\$d/net-cr10cm10N\$[N]py4nu4iti2IS2r5Tl100it20
2702 f4=\$d/net-cr10cm10N\$[N]py4nu4iti2IS2r5Tl100it18
2703 f5=\$d/net-cr1cm10N\$[N]py4nu4iti2IS2r5Tl100it15
2704 f6=\$d/net-cr1cm10N\$[N]py4nu4iti2IS2r5Tl100it1
2705 rm list\$SS.dat for cr in 2 3 4 5 6 7 8 9 10; do for cm in 10 20 30 40 50 60 70 80 90 100; do
2706 echo -n "\$scr \$cm ">list\$SS.dat
2707 emulate_crane2 it:1:1 r:5 cr:\$scr cm:\$cm cc:0.5 umax:10 tt:100 kxt:1 method:12:\$N:\$B:\$a:0:\$f1:\$f2:\$f3


```
2845 2 90 35.1 0 1 #ST[s] OS[mm] it for cr2cm90N20ny4nu4it1lIS2r5Tl00
2846 2 100 27.4 0 1 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it1lIS2r5Tl00
2847 3 10 35.5 0 1 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it1lIS2r5Tl00
2848 3 20 42.6 0 1 #ST[s] OS[mm] it for cr3cm20N20ny4nu4it1lIS2r5Tl00
2849 3 30 38.4 0 1 #ST[s] OS[mm] it for cr3cm30N20ny4nu4it1lIS2r5Tl00
2850 3 40 41.3 0 1 #ST[s] OS[mm] it for cr3cm40N20ny4nu4it1lIS2r5Tl00
2851 3 50 37.3 0 1 #ST[s] OS[mm] it for cr3cm50N20ny4nu4it1lIS2r5Tl00
2852 3 60 35.2 0 1 #ST[s] OS[mm] it for cr3cm60N20ny4nu4it1lIS2r5Tl00
2853 3 70 38.0 0 1 #ST[s] OS[mm] it for cr3cm70N20ny4nu4it1lIS2r5Tl00
2854 3 80 35.1 0 1 #ST[s] OS[mm] it for cr3cm80N20ny4nu4it1lIS2r5Tl00
2855 3 90 36.2 0 1 #ST[s] OS[mm] it for cr3cm90N20ny4nu4it1lIS2r5Tl00
2856 3 100 37.4 0 1 #ST[s] OS[mm] it for cr3cm100N20ny4nu4it1lIS2r5Tl00
2857 4 10 34.1 0 1 #ST[s] OS[mm] it for cr4cm10N20ny4nu4it1lIS2r5Tl00
2858 4 20 38.7 0 1 #ST[s] OS[mm] it for cr4cm20N20ny4nu4it1lIS2r5Tl00
2859 4 30 43.1 0 1 #ST[s] OS[mm] it for cr4cm30N20ny4nu4it1lIS2r5Tl00
2860 4 40 41.9 0 1 #ST[s] OS[mm] it for cr4cm40N20ny4nu4it1lIS2r5Tl00
2861 4 50 34.6 0 1 #ST[s] OS[mm] it for cr4cm50N20ny4nu4it1lIS2r5Tl00
2862 4 60 38.3 0 1 #ST[s] OS[mm] it for cr4cm60N20ny4nu4it1lIS2r5Tl00
2863 4 70 41.4 0 1 #ST[s] OS[mm] it for cr4cm70N20ny4nu4it1lIS2r5Tl00
2864 4 80 42.0 0 1 #ST[s] OS[mm] it for cr4cm80N20ny4nu4it1lIS2r5Tl00
2865 4 90 42.6 0 1 #ST[s] OS[mm] it for cr4cm90N20ny4nu4it1lIS2r5Tl00
2866 4 100 47.2 0 1 #ST[s] OS[mm] it for cr4cm100N20ny4nu4it1lIS2r5Tl00
2867 5 10 35.6 0 1 #ST[s] OS[mm] it for cr5cm10N20ny4nu4it1lIS2r5Tl00
2868 5 20 36.4 0 1 #ST[s] OS[mm] it for cr5cm20N20ny4nu4it1lIS2r5Tl00
2869 5 30 44.2 0 1 #ST[s] OS[mm] it for cr5cm30N20ny4nu4it1lIS2r5Tl00
2870 5 40 35.7 0 1 #ST[s] OS[mm] it for cr5cm40N20ny4nu4it1lIS2r5Tl00
2871 5 50 42.0 0 1 #ST[s] OS[mm] it for cr5cm50N20ny4nu4it1lIS2r5Tl00
2872 5 60 40.1 0 1 #ST[s] OS[mm] it for cr5cm60N20ny4nu4it1lIS2r5Tl00
2873 5 70 43.4 0 1 #ST[s] OS[mm] it for cr5cm70N20ny4nu4it1lIS2r5Tl00
2874 5 80 42.6 0 1 #ST[s] OS[mm] it for cr5cm80N20ny4nu4it1lIS2r5Tl00
2875 5 90 34.8 0 1 #ST[s] OS[mm] it for cr5cm90N20ny4nu4it1lIS2r5Tl00
2876 5 100 37.3 0 1 #ST[s] OS[mm] it for cr5cm100N20ny4nu4it1lIS2r5Tl00
2877 6 10 33.5 0 1 #ST[s] OS[mm] it for cr6cm10N20ny4nu4it1lIS2r5Tl00
2878 6 20 39.2 0 1 #ST[s] OS[mm] it for cr6cm20N20ny4nu4it1lIS2r5Tl00
2879 6 30 38.7 0 1 #ST[s] OS[mm] it for cr6cm30N20ny4nu4it1lIS2r5Tl00
2880 6 40 33.5 0 1 #ST[s] OS[mm] it for cr6cm40N20ny4nu4it1lIS2r5Tl00
2881 6 50 40.3 0 1 #ST[s] OS[mm] it for cr6cm50N20ny4nu4it1lIS2r5Tl00
2882 6 60 37.5 0 1 #ST[s] OS[mm] it for cr6cm60N20ny4nu4it1lIS2r5Tl00
2883 6 70 40.5 0 1 #ST[s] OS[mm] it for cr6cm70N20ny4nu4it1lIS2r5Tl00
2884 6 80 39.1 0 1 #ST[s] OS[mm] it for cr6cm80N20ny4nu4it1lIS2r5Tl00
2885 6 90 38.2 0 1 #ST[s] OS[mm] it for cr6cm90N20ny4nu4it1lIS2r5Tl00
2886 6 100 43.5 0 1 #ST[s] OS[mm] it for cr6cm100N20ny4nu4it1lIS2r5Tl00
2887 7 10 34.8 0 1 #ST[s] OS[mm] it for cr7cm10N20ny4nu4it1lIS2r5Tl00
2888 7 20 36.3 0 1 #ST[s] OS[mm] it for cr7cm20N20ny4nu4it1lIS2r5Tl00
2889 7 30 35.3 0 1 #ST[s] OS[mm] it for cr7cm30N20ny4nu4it1lIS2r5Tl00
2890 7 40 29.9 0 1 #ST[s] OS[mm] it for cr7cm40N20ny4nu4it1lIS2r5Tl00
2891 7 50 36.5 0 1 #ST[s] OS[mm] it for cr7cm50N20ny4nu4it1lIS2r5Tl00
2892 7 60 41.5 0 1 #ST[s] OS[mm] it for cr7cm60N20ny4nu4it1lIS2r5Tl00
2893 7 70 40.5 0 1 #ST[s] OS[mm] it for cr7cm70N20ny4nu4it1lIS2r5Tl00
2894 7 80 45.4 0 1 #ST[s] OS[mm] it for cr7cm80N20ny4nu4it1lIS2r5Tl00
2895 7 90 46.2 0 1 #ST[s] OS[mm] it for cr7cm90N20ny4nu4it1lIS2r5Tl00
2896 7 100 42.6 0 1 #ST[s] OS[mm] it for cr7cm100N20ny4nu4it1lIS2r5Tl00
2897 8 10 36.1 0 1 #ST[s] OS[mm] it for cr8cm10N20ny4nu4it1lIS2r5Tl00
2898 8 20 38.4 0 1 #ST[s] OS[mm] it for cr8cm20N20ny4nu4it1lIS2r5Tl00
2899 8 30 33.7 0 1 #ST[s] OS[mm] it for cr8cm30N20ny4nu4it1lIS2r5Tl00
2900 8 40 35.1 0 1 #ST[s] OS[mm] it for cr8cm40N20ny4nu4it1lIS2r5Tl00
2901 8 50 40.1 0 1 #ST[s] OS[mm] it for cr8cm50N20ny4nu4it1lIS2r5Tl00
2902 8 60 38.3 0 1 #ST[s] OS[mm] it for cr8cm60N20ny4nu4it1lIS2r5Tl00
2903 8 70 39.3 0 1 #ST[s] OS[mm] it for cr8cm70N20ny4nu4it1lIS2r5Tl00
2904 8 80 41.4 0 1 #ST[s] OS[mm] it for cr8cm80N20ny4nu4it1lIS2r5Tl00
2905 8 90 37.1 0 1 #ST[s] OS[mm] it for cr8cm90N20ny4nu4it1lIS2r5Tl00
2906 8 100 40.6 0 1 #ST[s] OS[mm] it for cr8cm100N20ny4nu4it1lIS2r5Tl00
2907 9 10 36.1 0 1 #ST[s] OS[mm] it for cr9cm10N20ny4nu4it1lIS2r5Tl00
2908 9 20 37.5 0 1 #ST[s] OS[mm] it for cr9cm20N20ny4nu4it1lIS2r5Tl00
2909 9 30 36.9 0 1 #ST[s] OS[mm] it for cr9cm30N20ny4nu4it1lIS2r5Tl00
2910 9 40 35.6 0 1 #ST[s] OS[mm] it for cr9cm40N20ny4nu4it1lIS2r5Tl00
2911 9 50 36.2 0 1 #ST[s] OS[mm] it for cr9cm50N20ny4nu4it1lIS2r5Tl00
2912 9 60 37.7 0 1 #ST[s] OS[mm] it for cr9cm60N20ny4nu4it1lIS2r5Tl00
2913 9 70 39.4 0 1 #ST[s] OS[mm] it for cr9cm70N20ny4nu4it1lIS2r5Tl00
2914 9 80 34.7 0 1 #ST[s] OS[mm] it for cr9cm80N20ny4nu4it1lIS2r5Tl00
2915 9 90 38.2 0 1 #ST[s] OS[mm] it for cr9cm90N20ny4nu4it1lIS2r5Tl00
2916 9 100 41.1 0 1 #ST[s] OS[mm] it for cr9cm100N20ny4nu4it1lIS2r5Tl00
2917 10 10 34.1 0 1 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it1lIS2r5Tl00
2918 10 20 36.4 0 1 #ST[s] OS[mm] it for cr10cm20N20ny4nu4it1lIS2r5Tl00
2919 10 30 37.6 0 1 #ST[s] OS[mm] it for cr10cm30N20ny4nu4it1lIS2r5Tl00
2920 10 40 38.9 0 1 #ST[s] OS[mm] it for cr10cm40N20ny4nu4it1lIS2r5Tl00
2921 10 50 35.7 0 1 #ST[s] OS[mm] it for cr10cm50N20ny4nu4it1lIS2r5Tl00
2922 10 60 38.6 0 1 #ST[s] OS[mm] it for cr10cm60N20ny4nu4it1lIS2r5Tl00
2923 10 70 34.8 0 1 #ST[s] OS[mm] it for cr10cm70N20ny4nu4it1lIS2r5Tl00
2924 10 80 36.6 0 1 #ST[s] OS[mm] it for cr10cm80N20ny4nu4it1lIS2r5Tl00
2925 10 90 37.6 0 1 #ST[s] OS[mm] it for cr10cm90N20ny4nu4it1lIS2r5Tl00
2926 10 100 38.7 0 1 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it1lIS2r5Tl00
```

```
2927 #37.75 0.0 #Mean ST OS
2928 EOF
2929 f=$d/sumOS-$N)a$a(f1234.dat;cat $f|awk 'BEGIN {V1=V2=V3=ne=0 } {ml=37.75;m2=0.0;el=83-m1,e2=84-m2;
V1+=$(e1el);V2+=$(e2e2);V3+=$(4$4n++)} END{printf("#%g %g %g\n",ml,sqrt(
V1/n),m2,sqrt(V2/n),sqrt(V3/n))};'
2930 #37.75 5.15087 0 0 (0) #Mean and std of ST and OS for f1234 Ne=12
2931
2932 d=~/mspdata/result/bl;N=20;a=0 #Ne=7
2933 f=$d/sumOS-$N)a$a(f1234.dat;cat $f<<EOF
2934 1 10 34.8 0 1 #ST[s] OS[mm] it for cr1cm10N20ny4nu4it1lIS2r5Tl00 #Ne=7
2935 1 20 35.2 0 1 #ST[s] OS[mm] it for cr1cm20N20ny4nu4it1lIS2r5Tl00
2936 1 30 41.0 0 1 #ST[s] OS[mm] it for cr1cm30N20ny4nu4it1lIS2r5Tl00
2937 1 40 38.1 0 1 #ST[s] OS[mm] it for cr1cm40N20ny4nu4it1lIS2r5Tl00
2938 1 50 39.6 0 1 #ST[s] OS[mm] it for cr1cm50N20ny4nu4it1lIS2r5Tl00
2939 1 60 35.0 0 1 #ST[s] OS[mm] it for cr1cm60N20ny4nu4it1lIS2r5Tl00
2940 1 70 33.9 0 1 #ST[s] OS[mm] it for cr1cm70N20ny4nu4it1lIS2r5Tl00
2941 1 80 36.1 0 1 #ST[s] OS[mm] it for cr1cm80N20ny4nu4it1lIS2r5Tl00
2942 1 90 34.9 0 1 #ST[s] OS[mm] it for cr1cm90N20ny4nu4it1lIS2r5Tl00
2943 1 100 35.2 0 1 #ST[s] OS[mm] it for cr1cm100N20ny4nu4it1lIS2r5Tl00
2944 2 10 36.4 0 1 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it1lIS2r5Tl00
2945 2 20 35.3 0 1 #ST[s] OS[mm] it for cr2cm20N20ny4nu4it1lIS2r5Tl00
2946 2 30 33.9 0 1 #ST[s] OS[mm] it for cr2cm30N20ny4nu4it1lIS2r5Tl00
2947 2 40 35.4 0 1 #ST[s] OS[mm] it for cr2cm40N20ny4nu4it1lIS2r5Tl00
2948 2 50 37.3 0 1 #ST[s] OS[mm] it for cr2cm50N20ny4nu4it1lIS2r5Tl00
2949 2 60 37.3 0 1 #ST[s] OS[mm] it for cr2cm60N20ny4nu4it1lIS2r5Tl00
2950 2 70 36.2 0 1 #ST[s] OS[mm] it for cr2cm70N20ny4nu4it1lIS2r5Tl00
2951 2 80 34.2 0 1 #ST[s] OS[mm] it for cr2cm80N20ny4nu4it1lIS2r5Tl00
2952 2 90 39.4 0 1 #ST[s] OS[mm] it for cr2cm90N20ny4nu4it1lIS2r5Tl00
2953 2 100 31.7 0 1 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it1lIS2r5Tl00
2954 3 10 35.3 0 1 #ST[s] OS[mm] it for cr3cm10N20ny4nu4it1lIS2r5Tl00
2955 3 20 39.4 0 1 #ST[s] OS[mm] it for cr3cm20N20ny4nu4it1lIS2r5Tl00
2956 3 30 37.2 0 1 #ST[s] OS[mm] it for cr3cm30N20ny4nu4it1lIS2r5Tl00
2957 3 40 41.6 0 1 #ST[s] OS[mm] it for cr3cm40N20ny4nu4it1lIS2r5Tl00
2958 3 50 38.4 0 1 #ST[s] OS[mm] it for cr3cm50N20ny4nu4it1lIS2r5Tl00
2959 3 60 36.8 0 1 #ST[s] OS[mm] it for cr3cm60N20ny4nu4it1lIS2r5Tl00
2960 3 70 37.0 0 1 #ST[s] OS[mm] it for cr3cm70N20ny4nu4it1lIS2r5Tl00
2961 3 80 38.2 0 1 #ST[s] OS[mm] it for cr3cm80N20ny4nu4it1lIS2r5Tl00
2962 3 90 36.5 0 1 #ST[s] OS[mm] it for cr3cm90N20ny4nu4it1lIS2r5Tl00
2963 3 100 45.1 0 1 #ST[s] OS[mm] it for cr3cm100N20ny4nu4it1lIS2r5Tl00
2964 4 10 37.6 0 1 #ST[s] OS[mm] it for cr4cm10N20ny4nu4it1lIS2r5Tl00
2965 4 20 38.0 0 1 #ST[s] OS[mm] it for cr4cm20N20ny4nu4it1lIS2r5Tl00
2966 4 30 47.3 0 1 #ST[s] OS[mm] it for cr4cm30N20ny4nu4it1lIS2r5Tl00
2967 4 40 46.1 0 1 #ST[s] OS[mm] it for cr4cm40N20ny4nu4it1lIS2r5Tl00
2968 4 50 40.5 0 1 #ST[s] OS[mm] it for cr4cm50N20ny4nu4it1lIS2r5Tl00
2969 4 60 41.9 0 1 #ST[s] OS[mm] it for cr4cm60N20ny4nu4it1lIS2r5Tl00
2970 4 70 41.4 0 1 #ST[s] OS[mm] it for cr4cm70N20ny4nu4it1lIS2r5Tl00
2971 4 80 38.0 0 1 #ST[s] OS[mm] it for cr4cm80N20ny4nu4it1lIS2r5Tl00
2972 4 90 36.9 0 1 #ST[s] OS[mm] it for cr4cm90N20ny4nu4it1lIS2r5Tl00
2973 4 100 43.2 0 1 #ST[s] OS[mm] it for cr4cm100N20ny4nu4it1lIS2r5Tl00
2974 5 10 35.3 0 1 #ST[s] OS[mm] it for cr5cm10N20ny4nu4it1lIS2r5Tl00
2975 5 20 35.0 0 1 #ST[s] OS[mm] it for cr5cm20N20ny4nu4it1lIS2r5Tl00
2976 5 30 42.0 0 1 #ST[s] OS[mm] it for cr5cm30N20ny4nu4it1lIS2r5Tl00
2977 5 40 39.4 0 1 #ST[s] OS[mm] it for cr5cm40N20ny4nu4it1lIS2r5Tl00
2978 5 50 39.6 0 1 #ST[s] OS[mm] it for cr5cm50N20ny4nu4it1lIS2r5Tl00
2979 5 60 38.3 0 1 #ST[s] OS[mm] it for cr5cm60N20ny4nu4it1lIS2r5Tl00
2980 5 70 43.4 0 1 #ST[s] OS[mm] it for cr5cm70N20ny4nu4it1lIS2r5Tl00
2981 5 80 43.4 0 1 #ST[s] OS[mm] it for cr5cm80N20ny4nu4it1lIS2r5Tl00
2982 5 90 43.6 0 1 #ST[s] OS[mm] it for cr5cm90N20ny4nu4it1lIS2r5Tl00
2983 5 100 35.7 0 1 #ST[s] OS[mm] it for cr5cm100N20ny4nu4it1lIS2r5Tl00
2984 6 10 36.6 0 1 #ST[s] OS[mm] it for cr6cm10N20ny4nu4it1lIS2r5Tl00
2985 6 20 39.2 0 1 #ST[s] OS[mm] it for cr6cm20N20ny4nu4it1lIS2r5Tl00
2986 6 30 34.4 0 1 #ST[s] OS[mm] it for cr6cm30N20ny4nu4it1lIS2r5Tl00
2987 6 40 39.9 0 1 #ST[s] OS[mm] it for cr6cm40N20ny4nu4it1lIS2r5Tl00
2988 6 50 41.4 0 1 #ST[s] OS[mm] it for cr6cm50N20ny4nu4it1lIS2r5Tl00
2989 6 60 43.1 0 1 #ST[s] OS[mm] it for cr6cm60N20ny4nu4it1lIS2r5Tl00
2990 6 70 42.8 0 1 #ST[s] OS[mm] it for cr6cm70N20ny4nu4it1lIS2r5Tl00
2991 6 80 45.9 0 1 #ST[s] OS[mm] it for cr6cm80N20ny4nu4it1lIS2r5Tl00
2992 6 90 30.5 33 1 #ST[s] OS[mm] it for cr6cm90N20ny4nu4it1lIS2r5Tl00 ???
2993 6 100 39.5 0 1 #ST[s] OS[mm] it for cr6cm100N20ny4nu4it1lIS2r5Tl00
2994 7 10 37.0 0 1 #ST[s] OS[mm] it for cr7cm10N20ny4nu4it1lIS2r5Tl00
2995 7 20 37.7 0 1 #ST[s] OS[mm] it for cr7cm20N20ny4nu4it1lIS2r5Tl00
2996 7 30 36.4 0 1 #ST[s] OS[mm] it for cr7cm30N20ny4nu4it1lIS2r5Tl00
2997 7 40 38.2 0 1 #ST[s] OS[mm] it for cr7cm40N20ny4nu4it1lIS2r5Tl00
2998 7 50 33.9 0 1 #ST[s] OS[mm] it for cr7cm50N20ny4nu4it1lIS2r5Tl00
2999 7 60 36.8 0 1 #ST[s] OS[mm] it for cr7cm60N20ny4nu4it1lIS2r5Tl00
3000 7 70 39.9 0 1 #ST[s] OS[mm] it for cr7cm70N20ny4nu4it1lIS2r5Tl00
3001 7 80 48.4 0 1 #ST[s] OS[mm] it for cr7cm80N20ny4nu4it1lIS2r5Tl00
3002 7 90 44.2 0 1 #ST[s] OS[mm] it for cr7cm90N20ny4nu4it1lIS2r5Tl00
3003 7 100 44.0 0 1 #ST[s] OS[mm] it for cr7cm100N20ny4nu4it1lIS2r5Tl00
3004 8 10 36.4 0 1 #ST[s] OS[mm] it for cr8cm10N20ny4nu4it1lIS2r5Tl00
3005 8 20 39.3 0 1 #ST[s] OS[mm] it for cr8cm20N20ny4nu4it1lIS2r5Tl00
3006 8 30 35.6 0 1 #ST[s] OS[mm] it for cr8cm30N20ny4nu4it1lIS2r5Tl00
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3007 8 40 32.7 0 1 #ST[s] OS[mm] it for cr8cm40N20ny4nu4it1lIS2r5Tl00
3008 8 50 38.5 0 1 #ST[s] OS[mm] it for cr8cm50N20ny4nu4it1lIS2r5Tl00
3009 8 60 39.6 0 1 #ST[s] OS[mm] it for cr8cm60N20ny4nu4it1lIS2r5Tl00
3010 8 70 38.5 0 1 #ST[s] OS[mm] it for cr8cm70N20ny4nu4it1lIS2r5Tl00
3011 8 80 34.5 0 1 #ST[s] OS[mm] it for cr8cm80N20ny4nu4it1lIS2r5Tl00
3012 8 90 34.5 0 1 #ST[s] OS[mm] it for cr8cm90N20ny4nu4it1lIS2r5Tl00
3013 8 100 44.6 0 1 #ST[s] OS[mm] it for cr8cm100N20ny4nu4it1lIS2r5Tl00
3014 8 100 43.5 0 1 #ST[s] OS[mm] it for cr8cm100N20ny4nu4it1lIS2r5Tl00
3015 9 10 36.5 0 1 #ST[s] OS[mm] it for cr9cm10N20ny4nu4it1lIS2r5Tl00
3016 9 20 36.0 0 1 #ST[s] OS[mm] it for cr9cm20N20ny4nu4it1lIS2r5Tl00
3017 9 30 34.9 0 1 #ST[s] OS[mm] it for cr9cm30N20ny4nu4it1lIS2r5Tl00
3018 9 40 37.9 0 1 #ST[s] OS[mm] it for cr9cm40N20ny4nu4it1lIS2r5Tl00
3019 9 50 36.1 0 1 #ST[s] OS[mm] it for cr9cm50N20ny4nu4it1lIS2r5Tl00
3020 9 60 37.7 0 1 #ST[s] OS[mm] it for cr9cm60N20ny4nu4it1lIS2r5Tl00
3021 9 70 37.3 0 1 #ST[s] OS[mm] it for cr9cm70N20ny4nu4it1lIS2r5Tl00
3022 9 80 36.3 0 1 #ST[s] OS[mm] it for cr9cm80N20ny4nu4it1lIS2r5Tl00
3023 9 90 37.0 0 1 #ST[s] OS[mm] it for cr9cm90N20ny4nu4it1lIS2r5Tl00
3024 9 100 36.7 0 1 #ST[s] OS[mm] it for cr9cm100N20ny4nu4it1lIS2r5Tl00
3025 10 10 35.2 0 1 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it1lIS2r5Tl00
3026 10 20 33.6 0 1 #ST[s] OS[mm] it for cr10cm20N20ny4nu4it1lIS2r5Tl00
3027 10 30 37.9 0 1 #ST[s] OS[mm] it for cr10cm30N20ny4nu4it1lIS2r5Tl00
3028 10 40 34.0 0 1 #ST[s] OS[mm] it for cr10cm40N20ny4nu4it1lIS2r5Tl00
3029 10 50 35.8 0 1 #ST[s] OS[mm] it for cr10cm50N20ny4nu4it1lIS2r5Tl00
3030 10 60 35.9 0 1 #ST[s] OS[mm] it for cr10cm60N20ny4nu4it1lIS2r5Tl00
3031 10 70 36.6 0 1 #ST[s] OS[mm] it for cr10cm70N20ny4nu4it1lIS2r5Tl00
3032 10 80 39.5 0 1 #ST[s] OS[mm] it for cr10cm80N20ny4nu4it1lIS2r5Tl00
3033 10 90 42.0 0 1 #ST[s] OS[mm] it for cr10cm90N20ny4nu4it1lIS2r5Tl00
3034 10 100 36.4 0 1 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it1lIS2r5Tl00
3035 38.26 0.3 #Mean
3036 f=$d/sumOS-N$(N)a$(a)f1234.dat;cat $f|awk 'BEGIN {V1=V2=V3=n=0;} {m1=38.26;m2=0.3;el=$3-m1;e2=$4-m2;V1+=(el*e1);V2+=(e2*e2);V3+=($4*n++);} END{printf("%g %g %g (%g) #Mean and std of ST and OS\n",m1,sqrt(V1/n),m2,sqrt(V2/n),sqrt(V3/n))};'
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3087 5 80 35.6 0 1 #ST[s] OS[mm] it for cr5cm80N20ny4nu4it1lIS2r5Tl00
3088 5 90 31.1 0 1 #ST[s] OS[mm] it for cr5cm90N20ny4nu4it1lIS2r5Tl00
3089 5 100 25.6 0 1 #ST[s] OS[mm] it for cr5cm100N20ny4nu4it1lIS2r5Tl00
3090 6 20 32.8 0 1 #ST[s] OS[mm] it for cr6cm10N20ny4nu4it1lIS2r5Tl00
3091 6 30 34.7 0 1 #ST[s] OS[mm] it for cr6cm20N20ny4nu4it1lIS2r5Tl00
3092 6 40 34.3 0 1 #ST[s] OS[mm] it for cr6cm30N20ny4nu4it1lIS2r5Tl00
3093 6 50 34.8 0 1 #ST[s] OS[mm] it for cr6cm40N20ny4nu4it1lIS2r5Tl00
3094 6 60 31.7 0 1 #ST[s] OS[mm] it for cr6cm50N20ny4nu4it1lIS2r5Tl00
3095 6 70 28.0 0 1 #ST[s] OS[mm] it for cr6cm60N20ny4nu4it1lIS2r5Tl00
3096 6 80 27.8 0 1 #ST[s] OS[mm] it for cr6cm70N20ny4nu4it1lIS2r5Tl00
3097 6 90 34.7 0 1 #ST[s] OS[mm] it for cr6cm80N20ny4nu4it1lIS2r5Tl00
3098 6 100 35.1 0 1 #ST[s] OS[mm] it for cr6cm90N20ny4nu4it1lIS2r5Tl00
3099 7 10 27.1 0 1 #ST[s] OS[mm] it for cr7cm10N20ny4nu4it1lIS2r5Tl00
3100 7 20 27.1 0 1 #ST[s] OS[mm] it for cr7cm20N20ny4nu4it1lIS2r5Tl00
3101 7 30 33.4 0 1 #ST[s] OS[mm] it for cr7cm30N20ny4nu4it1lIS2r5Tl00
3102 7 40 31.3 0 1 #ST[s] OS[mm] it for cr7cm40N20ny4nu4it1lIS2r5Tl00
3103 7 50 32.9 0 1 #ST[s] OS[mm] it for cr7cm50N20ny4nu4it1lIS2r5Tl00
3104 7 60 29.5 0 1 #ST[s] OS[mm] it for cr7cm60N20ny4nu4it1lIS2r5Tl00
3105 7 70 29.2 0 1 #ST[s] OS[mm] it for cr7cm70N20ny4nu4it1lIS2r5Tl00
3106 7 80 29.7 0 1 #ST[s] OS[mm] it for cr7cm80N20ny4nu4it1lIS2r5Tl00
3107 7 90 26.4 0 1 #ST[s] OS[mm] it for cr7cm90N20ny4nu4it1lIS2r5Tl00
3108 7 100 23.4 0 1 #ST[s] OS[mm] it for cr7cm100N20ny4nu4it1lIS2r5Tl00
3109 8 10 32.6 0 1 #ST[s] OS[mm] it for cr8cm10N20ny4nu4it1lIS2r5Tl00
3110 8 20 34.8 0 1 #ST[s] OS[mm] it for cr8cm20N20ny4nu4it1lIS2r5Tl00
3111 8 30 34.0 0 1 #ST[s] OS[mm] it for cr8cm30N20ny4nu4it1lIS2r5Tl00
3112 8 40 35.0 0 1 #ST[s] OS[mm] it for cr8cm40N20ny4nu4it1lIS2r5Tl00
3113 8 50 34.3 0 1 #ST[s] OS[mm] it for cr8cm50N20ny4nu4it1lIS2r5Tl00
3114 8 60 32.2 16 1 #ST[s] OS[mm] it for cr8cm60N20ny4nu4it1lIS2r5Tl00
3115 8 70 30.8 0 1 #ST[s] OS[mm] it for cr8cm70N20ny4nu4it1lIS2r5Tl00
3116 8 80 29.6 0 1 #ST[s] OS[mm] it for cr8cm80N20ny4nu4it1lIS2r5Tl00
3117 8 90 27.7 0 1 #ST[s] OS[mm] it for cr8cm90N20ny4nu4it1lIS2r5Tl00
3118 8 100 28.7 0 1 #ST[s] OS[mm] it for cr8cm100N20ny4nu4it1lIS2r5Tl00
3119 9 10 28.4 0 1 #ST[s] OS[mm] it for cr9cm10N20ny4nu4it1lIS2r5Tl00
3120 9 20 33.9 0 1 #ST[s] OS[mm] it for cr9cm20N20ny4nu4it1lIS2r5Tl00
3121 9 30 33.5 0 1 #ST[s] OS[mm] it for cr9cm30N20ny4nu4it1lIS2r5Tl00
3122 9 40 34.1 0 1 #ST[s] OS[mm] it for cr9cm40N20ny4nu4it1lIS2r5Tl00
3123 9 50 34.6 0 1 #ST[s] OS[mm] it for cr9cm50N20ny4nu4it1lIS2r5Tl00
3124 9 60 32.7 0 1 #ST[s] OS[mm] it for cr9cm60N20ny4nu4it1lIS2r5Tl00
3125 9 70 29.3 0 1 #ST[s] OS[mm] it for cr9cm70N20ny4nu4it1lIS2r5Tl00
3126 9 80 33.2 0 1 #ST[s] OS[mm] it for cr9cm80N20ny4nu4it1lIS2r5Tl00
3127 9 90 25.0 0 1 #ST[s] OS[mm] it for cr9cm90N20ny4nu4it1lIS2r5Tl00
3128 9 100 27.4 0 1 #ST[s] OS[mm] it for cr9cm100N20ny4nu4it1lIS2r5Tl00
3129 10 10 34.5 0 1 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it1lIS2r5Tl00
3130 10 20 34.5 0 1 #ST[s] OS[mm] it for cr10cm20N20ny4nu4it1lIS2r5Tl00
3131 10 30 34.4 0 1 #ST[s] OS[mm] it for cr10cm30N20ny4nu4it1lIS2r5Tl00
3132 10 40 32.1 0 1 #ST[s] OS[mm] it for cr10cm40N20ny4nu4it1lIS2r5Tl00
3133 10 50 27.7 0 1 #ST[s] OS[mm] it for cr10cm50N20ny4nu4it1lIS2r5Tl00
3134 10 60 34.6 0 1 #ST[s] OS[mm] it for cr10cm60N20ny4nu4it1lIS2r5Tl00
3135 10 70 23.9 0 1 #ST[s] OS[mm] it for cr10cm70N20ny4nu4it1lIS2r5Tl00
3136 10 80 34.2 0 1 #ST[s] OS[mm] it for cr10cm80N20ny4nu4it1lIS2r5Tl00
3137 10 90 26.7 0 1 #ST[s] OS[mm] it for cr10cm90N20ny4nu4it1lIS2r5Tl00
3138 10 100 33.5 0 1 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it1lIS2r5Tl00
3139 30.43 3.7 #Mean ST OS
3140 EOF
3141 f=$d/sumOS-N$(N)a$(a)f1.dat;cat $f|awk 'BEGIN {V1=V2=V3=n=0;} {m1=30.43;m2=3.7;el=$3-m1;e2=$4-m2;V1+=(el*e1);V2+=(e2*e2);V3+=($4*n++);} END{printf("%g %g %g (%g) #Mean and std of ST and OS for f1\n",m1,sqrt(V2/n),sqrt(V3/n))};'
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3167 3 20 43.6 0 1 #ST[s] OS[mm] it for cr3cm20N20ny4nu4it1lIS2r5Tl00
3168 3 30 52.1 0 1 #ST[s] OS[mm] it for cr3cm30N20ny4nu4it1lIS2r5Tl00
3169 3 40 42.6 0 1 #ST[s] OS[mm] it for cr3cm40N20ny4nu4it1lIS2r5Tl00
3170 3 50 51.5 0 1 #ST[s] OS[mm] it for cr3cm50N20ny4nu4it1lIS2r5Tl00
3171 3 60 64.5 0 1 #ST[s] OS[mm] it for cr3cm60N20ny4nu4it1lIS2r5Tl00
3172 3 70 53.5 0 1 #ST[s] OS[mm] it for cr3cm70N20ny4nu4it1lIS2r5Tl00
3173 3 80 88.8 0 1 #ST[s] OS[mm] it for cr3cm80N20ny4nu4it1lIS2r5Tl00
3174 3 90 51.8 0 1 #ST[s] OS[mm] it for cr3cm90N20ny4nu4it1lIS2r5Tl00
3175 3 100 50.5 0 1 #ST[s] OS[mm] it for cr3cm100N20ny4nu4it1lIS2r5Tl00
3176 4 10 39.8 0 1 #ST[s] OS[mm] it for cr4cm10N20ny4nu4it1lIS2r5Tl00
3177 4 20 43.7 0 1 #ST[s] OS[mm] it for cr4cm20N20ny4nu4it1lIS2r5Tl00
3178 4 30 44.6 0 1 #ST[s] OS[mm] it for cr4cm30N20ny4nu4it1lIS2r5Tl00
3179 4 40 56.4 0 1 #ST[s] OS[mm] it for cr4cm40N20ny4nu4it1lIS2r5Tl00
3180 4 50 53.1 0 1 #ST[s] OS[mm] it for cr4cm50N20ny4nu4it1lIS2r5Tl00
3181 4 60 47.9 0 1 #ST[s] OS[mm] it for cr4cm60N20ny4nu4it1lIS2r5Tl00
3182 4 70 50.8 0 1 #ST[s] OS[mm] it for cr4cm70N20ny4nu4it1lIS2r5Tl00
3183 4 80 48.1 0 1 #ST[s] OS[mm] it for cr4cm80N20ny4nu4it1lIS2r5Tl00
3184 4 90 48.1 0 1 #ST[s] OS[mm] it for cr4cm90N20ny4nu4it1lIS2r5Tl00
3185 4 100 42.8 0 1 #ST[s] OS[mm] it for cr4cm100N20ny4nu4it1lIS2r5Tl00
3186 5 10 50.8 0 1 #ST[s] OS[mm] it for cr5cm10N20ny4nu4it1lIS2r5Tl00
3187 5 20 38.3 0 1 #ST[s] OS[mm] it for cr5cm20N20ny4nu4it1lIS2r5Tl00
3188 5 30 52.6 0 1 #ST[s] OS[mm] it for cr5cm30N20ny4nu4it1lIS2r5Tl00
3189 5 40 62.7 0 1 #ST[s] OS[mm] it for cr5cm40N20ny4nu4it1lIS2r5Tl00
3190 5 50 56.8 0 1 #ST[s] OS[mm] it for cr5cm50N20ny4nu4it1lIS2r5Tl00
3191 5 60 51.5 0 1 #ST[s] OS[mm] it for cr5cm60N20ny4nu4it1lIS2r5Tl00
3192 5 70 42.4 0 1 #ST[s] OS[mm] it for cr5cm70N20ny4nu4it1lIS2r5Tl00
3193 5 80 56.6 0 1 #ST[s] OS[mm] it for cr5cm80N20ny4nu4it1lIS2r5Tl00
3194 5 90 48.3 0 1 #ST[s] OS[mm] it for cr5cm90N20ny4nu4it1lIS2r5Tl00
3195 5 100 47.4 0 1 #ST[s] OS[mm] it for cr5cm100N20ny4nu4it1lIS2r5Tl00
3196 6 10 45.6 0 1 #ST[s] OS[mm] it for cr6cm10N20ny4nu4it1lIS2r5Tl00
3197 6 20 44.1 0 1 #ST[s] OS[mm] it for cr6cm20N20ny4nu4it1lIS2r5Tl00
3198 6 30 55.2 0 1 #ST[s] OS[mm] it for cr6cm30N20ny4nu4it1lIS2r5Tl00
3199 6 40 50.3 0 1 #ST[s] OS[mm] it for cr6cm40N20ny4nu4it1lIS2r5Tl00
3200 6 50 57.7 0 1 #ST[s] OS[mm] it for cr6cm50N20ny4nu4it1lIS2r5Tl00
3201 6 60 61.2 0 1 #ST[s] OS[mm] it for cr6cm60N20ny4nu4it1lIS2r5Tl00
3202 6 70 57.5 0 1 #ST[s] OS[mm] it for cr6cm70N20ny4nu4it1lIS2r5Tl00
3203 6 80 27.9 30 1 #ST[s] OS[mm] it for cr6cm80N20ny4nu4it1lIS2r5Tl00
3204 6 90 33.3 0 1 #ST[s] OS[mm] it for cr6cm90N20ny4nu4it1lIS2r5Tl00
3205 6 100 56.4 0 1 #ST[s] OS[mm] it for cr6cm100N20ny4nu4it1lIS2r5Tl00
3206 7 10 48.2 0 1 #ST[s] OS[mm] it for cr7cm10N20ny4nu4it1lIS2r5Tl00
3207 7 20 55.2 0 1 #ST[s] OS[mm] it for cr7cm20N20ny4nu4it1lIS2r5Tl00
3208 7 30 45.6 0 1 #ST[s] OS[mm] it for cr7cm30N20ny4nu4it1lIS2r5Tl00
3209 7 40 38.6 0 1 #ST[s] OS[mm] it for cr7cm40N20ny4nu4it1lIS2r5Tl00
3210 7 50 44.1 0 1 #ST[s] OS[mm] it for cr7cm50N20ny4nu4it1lIS2r5Tl00
3211 7 60 55.6 0 1 #ST[s] OS[mm] it for cr7cm60N20ny4nu4it1lIS2r5Tl00
3212 7 70 49.2 0 1 #ST[s] OS[mm] it for cr7cm70N20ny4nu4it1lIS2r5Tl00
3213 7 80 56.0 0 1 #ST[s] OS[mm] it for cr7cm80N20ny4nu4it1lIS2r5Tl00
3214 7 90 41.2 0 1 #ST[s] OS[mm] it for cr7cm90N20ny4nu4it1lIS2r5Tl00
3215 7 100 61.6 0 1 #ST[s] OS[mm] it for cr7cm100N20ny4nu4it1lIS2r5Tl00
3216 8 10 42.2 1 1 #ST[s] OS[mm] it for cr8cm10N20ny4nu4it1lIS2r5Tl00
3217 8 20 49.5 0 1 #ST[s] OS[mm] it for cr8cm20N20ny4nu4it1lIS2r5Tl00
3218 8 30 39.4 0 1 #ST[s] OS[mm] it for cr8cm30N20ny4nu4it1lIS2r5Tl00
3219 8 40 44.0 0 1 #ST[s] OS[mm] it for cr8cm40N20ny4nu4it1lIS2r5Tl00
3220 8 50 39.2 0 1 #ST[s] OS[mm] it for cr8cm50N20ny4nu4it1lIS2r5Tl00
3221 8 60 55.4 0 1 #ST[s] OS[mm] it for cr8cm60N20ny4nu4it1lIS2r5Tl00
3222 8 70 53.1 0 1 #ST[s] OS[mm] it for cr8cm70N20ny4nu4it1lIS2r5Tl00
3223 8 80 43.6 0 1 #ST[s] OS[mm] it for cr8cm80N20ny4nu4it1lIS2r5Tl00
3224 8 90 42.2 0 1 #ST[s] OS[mm] it for cr8cm90N20ny4nu4it1lIS2r5Tl00
3225 8 100 52.2 0 1 #ST[s] OS[mm] it for cr8cm100N20ny4nu4it1lIS2r5Tl00
3226 9 10 50.2 0 1 #ST[s] OS[mm] it for cr9cm10N20ny4nu4it1lIS2r5Tl00
3227 9 20 43.2 0 1 #ST[s] OS[mm] it for cr9cm20N20ny4nu4it1lIS2r5Tl00
3228 9 30 38.6 0 1 #ST[s] OS[mm] it for cr9cm30N20ny4nu4it1lIS2r5Tl00
3229 9 40 49.0 0 1 #ST[s] OS[mm] it for cr9cm40N20ny4nu4it1lIS2r5Tl00
3230 9 50 40.0 0 1 #ST[s] OS[mm] it for cr9cm50N20ny4nu4it1lIS2r5Tl00
3231 9 60 48.3 0 1 #ST[s] OS[mm] it for cr9cm60N20ny4nu4it1lIS2r5Tl00
3232 9 70 47.7 0 1 #ST[s] OS[mm] it for cr9cm70N20ny4nu4it1lIS2r5Tl00
3233 9 80 33.4 0 1 #ST[s] OS[mm] it for cr9cm80N20ny4nu4it1lIS2r5Tl00
3234 9 90 44.5 0 1 #ST[s] OS[mm] it for cr9cm90N20ny4nu4it1lIS2r5Tl00
3235 9 100 58.0 0 1 #ST[s] OS[mm] it for cr9cm100N20ny4nu4it1lIS2r5Tl00
3236 10 10 45.0 2 1 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it1lIS2r5Tl00
3237 10 20 37.6 0 1 #ST[s] OS[mm] it for cr10cm20N20ny4nu4it1lIS2r5Tl00
3238 10 30 38.6 0 1 #ST[s] OS[mm] it for cr10cm30N20ny4nu4it1lIS2r5Tl00
3239 10 40 49.0 0 1 #ST[s] OS[mm] it for cr10cm40N20ny4nu4it1lIS2r5Tl00
3240 10 50 35.7 0 1 #ST[s] OS[mm] it for cr10cm50N20ny4nu4it1lIS2r5Tl00
3241 10 60 57.4 0 1 #ST[s] OS[mm] it for cr10cm60N20ny4nu4it1lIS2r5Tl00
3242 10 70 45.8 0 1 #ST[s] OS[mm] it for cr10cm70N20ny4nu4it1lIS2r5Tl00
3243 10 80 40.8 0 1 #ST[s] OS[mm] it for cr10cm80N20ny4nu4it1lIS2r5Tl00
3244 10 90 49.6 0 1 #ST[s] OS[mm] it for cr10cm90N20ny4nu4it1lIS2r5Tl00
3245 10 100 46.1 0 1 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it1lIS2r5Tl00
3246 EOF
3247 #47.20 0.3 #Mean ST OS
3248 f=$d/sumOS-N$(N)a$(a)f2.dat:cat $f |awk 'BEGIN {V1=V2+V3=n=0} {m1=47.20;m2=0.3;el=83-m1;e2=$4-m2;V1+
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=(el*el1)/V2+=(e2*e2)/V3+=$4*n++;} END{printf("#%g %g %g (%g) #Mean and std of ST and OS for f2
n),m2,sqrt(V2/n),sqrt(V3/n)}},
3249 #47.2 9.38381 0.3 2.97563 (2.99339) #Mean and std of ST and OS for f2
3250
3251 f=$d/sumOS-N$(N)a$(a)f3.dat:cat $f<<EOF
3252 1 10 38.6 10 1 #ST[s] OS[mm] it for cr1cm10N20ny4nu4it1lIS2r5Tl00
3253 1 20 38.4 1 1 #ST[s] OS[mm] it for cr1cm20N20ny4nu4it1lIS2r5Tl00
3254 1 30 39.9 12 1 #ST[s] OS[mm] it for cr1cm30N20ny4nu4it1lIS2r5Tl00
3255 1 40 37.6 5 1 #ST[s] OS[mm] it for cr1cm40N20ny4nu4it1lIS2r5Tl00
3256 1 50 40.8 0 1 #ST[s] OS[mm] it for cr1cm50N20ny4nu4it1lIS2r5Tl00
3257 1 60 40.6 7 1 #ST[s] OS[mm] it for cr1cm60N20ny4nu4it1lIS2r5Tl00
3258 1 70 38.7 0 1 #ST[s] OS[mm] it for cr1cm70N20ny4nu4it1lIS2r5Tl00
3259 1 80 39.9 2 1 #ST[s] OS[mm] it for cr1cm80N20ny4nu4it1lIS2r5Tl00
3260 1 90 41.6 0 1 #ST[s] OS[mm] it for cr1cm90N20ny4nu4it1lIS2r5Tl00
3261 1 100 38.1 3 1 #ST[s] OS[mm] it for cr1cm100N20ny4nu4it1lIS2r5Tl00
3262 2 10 40.2 5 1 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it1lIS2r5Tl00
3263 2 20 35.0 6 1 #ST[s] OS[mm] it for cr2cm20N20ny4nu4it1lIS2r5Tl00
3264 2 30 36.6 7 1 #ST[s] OS[mm] it for cr2cm30N20ny4nu4it1lIS2r5Tl00
3265 2 40 35.8 9 1 #ST[s] OS[mm] it for cr2cm40N20ny4nu4it1lIS2r5Tl00
3266 2 50 37.6 10 1 #ST[s] OS[mm] it for cr2cm50N20ny4nu4it1lIS2r5Tl00
3267 2 60 38.4 0 1 #ST[s] OS[mm] it for cr2cm60N20ny4nu4it1lIS2r5Tl00
3268 2 70 37.9 0 1 #ST[s] OS[mm] it for cr2cm70N20ny4nu4it1lIS2r5Tl00
3269 2 80 39.9 8 1 #ST[s] OS[mm] it for cr2cm80N20ny4nu4it1lIS2r5Tl00
3270 2 90 36.5 1 1 #ST[s] OS[mm] it for cr2cm90N20ny4nu4it1lIS2r5Tl00
3271 2 100 43.3 0 1 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it1lIS2r5Tl00
3272 3 10 38.4 6 1 #ST[s] OS[mm] it for cr3cm10N20ny4nu4it1lIS2r5Tl00
3273 3 20 41.8 6 1 #ST[s] OS[mm] it for cr3cm20N20ny4nu4it1lIS2r5Tl00
3274 3 30 41.6 4 1 #ST[s] OS[mm] it for cr3cm30N20ny4nu4it1lIS2r5Tl00
3275 3 40 40.6 0 1 #ST[s] OS[mm] it for cr3cm40N20ny4nu4it1lIS2r5Tl00
3276 3 50 42.8 6 1 #ST[s] OS[mm] it for cr3cm50N20ny4nu4it1lIS2r5Tl00
3277 3 60 38.4 1 1 #ST[s] OS[mm] it for cr3cm60N20ny4nu4it1lIS2r5Tl00
3278 3 70 38.9 1 1 #ST[s] OS[mm] it for cr3cm70N20ny4nu4it1lIS2r5Tl00
3279 3 80 40.4 1 1 #ST[s] OS[mm] it for cr3cm80N20ny4nu4it1lIS2r5Tl00
3280 3 90 38.1 3 1 #ST[s] OS[mm] it for cr3cm90N20ny4nu4it1lIS2r5Tl00
3281 3 100 37.3 3 1 #ST[s] OS[mm] it for cr3cm100N20ny4nu4it1lIS2r5Tl00
3282 4 10 40.1 11 1 #ST[s] OS[mm] it for cr4cm10N20ny4nu4it1lIS2r5Tl00
3283 4 20 40.6 0 1 #ST[s] OS[mm] it for cr4cm20N20ny4nu4it1lIS2r5Tl00
3284 4 30 41.6 0 1 #ST[s] OS[mm] it for cr4cm30N20ny4nu4it1lIS2r5Tl00
3285 4 40 38.0 2 1 #ST[s] OS[mm] it for cr4cm40N20ny4nu4it1lIS2r5Tl00
3286 4 50 37.5 9 1 #ST[s] OS[mm] it for cr4cm50N20ny4nu4it1lIS2r5Tl00
3287 4 60 37.9 4 1 #ST[s] OS[mm] it for cr4cm60N20ny4nu4it1lIS2r5Tl00
3288 4 70 33.2 0 1 #ST[s] OS[mm] it for cr4cm70N20ny4nu4it1lIS2r5Tl00
3289 4 80 37.4 8 1 #ST[s] OS[mm] it for cr4cm80N20ny4nu4it1lIS2r5Tl00
3290 4 90 37.5 3 1 #ST[s] OS[mm] it for cr4cm90N20ny4nu4it1lIS2r5Tl00
3291 4 100 36.6 2 1 #ST[s] OS[mm] it for cr4cm100N20ny4nu4it1lIS2r5Tl00
3292 5 10 37.9 8 1 #ST[s] OS[mm] it for cr5cm10N20ny4nu4it1lIS2r5Tl00
3293 5 20 37.3 9 1 #ST[s] OS[mm] it for cr5cm20N20ny4nu4it1lIS2r5Tl00
3294 5 30 38.8 0 1 #ST[s] OS[mm] it for cr5cm30N20ny4nu4it1lIS2r5Tl00
3295 5 40 40.6 3 1 #ST[s] OS[mm] it for cr5cm40N20ny4nu4it1lIS2r5Tl00
3296 5 50 39.4 2 1 #ST[s] OS[mm] it for cr5cm50N20ny4nu4it1lIS2r5Tl00
3297 5 60 39.4 2 1 #ST[s] OS[mm] it for cr5cm60N20ny4nu4it1lIS2r5Tl00
3298 5 70 36.0 2 1 #ST[s] OS[mm] it for cr5cm70N20ny4nu4it1lIS2r5Tl00
3299 5 80 38.6 6 1 #ST[s] OS[mm] it for cr5cm80N20ny4nu4it1lIS2r5Tl00
3300 5 90 37.1 9 1 #ST[s] OS[mm] it for cr5cm90N20ny4nu4it1lIS2r5Tl00
3301 5 100 39.8 11 1 #ST[s] OS[mm] it for cr5cm100N20ny4nu4it1lIS2r5Tl00
3302 6 10 37.8 6 1 #ST[s] OS[mm] it for cr6cm10N20ny4nu4it1lIS2r5Tl00
3303 6 20 39.1 6 1 #ST[s] OS[mm] it for cr6cm20N20ny4nu4it1lIS2r5Tl00
3304 6 30 38.5 9 1 #ST[s] OS[mm] it for cr6cm30N20ny4nu4it1lIS2r5Tl00
3305 6 40 40.5 4 1 #ST[s] OS[mm] it for cr6cm40N20ny4nu4it1lIS2r5Tl00
3306 6 50 40.9 4 1 #ST[s] OS[mm] it for cr6cm50N20ny4nu4it1lIS2r5Tl00
3307 6 60 42.9 1 1 #ST[s] OS[mm] it for cr6cm60N20ny4nu4it1lIS2r5Tl00
3308 6 70 41.0 6 1 #ST[s] OS[mm] it for cr6cm70N20ny4nu4it1lIS2r5Tl00
3309 6 80 40.3 9 1 #ST[s] OS[mm] it for cr6cm80N20ny4nu4it1lIS2r5Tl00
3310 6 90 40.7 0 1 #ST[s] OS[mm] it for cr6cm90N20ny4nu4it1lIS2r5Tl00
3311 6 100 41.4 8 1 #ST[s] OS[mm] it for cr6cm100N20ny4nu4it1lIS2r5Tl00
3312 7 10 41.0 0 1 #ST[s] OS[mm] it for cr7cm10N20ny4nu4it1lIS2r5Tl00
3313 7 20 39.3 9 1 #ST[s] OS[mm] it for cr7cm20N20ny4nu4it1lIS2r5Tl00
3314 7 30 37.3 8 1 #ST[s] OS[mm] it for cr7cm30N20ny4nu4it1lIS2r5Tl00
3315 7 40 39.3 9 1 #ST[s] OS[mm] it for cr7cm40N20ny4nu4it1lIS2r5Tl00
3316 7 50 39.1 8 1 #ST[s] OS[mm] it for cr7cm50N20ny4nu4it1lIS2r5Tl00
3317 7 60 38.4 3 1 #ST[s] OS[mm] it for cr7cm60N20ny4nu4it1lIS2r5Tl00
3318 7 70 51.4 5 1 #ST[s] OS[mm] it for cr7cm70N20ny4nu4it1lIS2r5Tl00
3319 7 80 39.3 9 1 #ST[s] OS[mm] it for cr7cm80N20ny4nu4it1lIS2r5Tl00
3320 7 90 41.6 0 1 #ST[s] OS[mm] it for cr7cm90N20ny4nu4it1lIS2r5Tl00
3321 7 100 39.9 0 1 #ST[s] OS[mm] it for cr7cm100N20ny4nu4it1lIS2r5Tl00
3322 8 10 38.5 1 1 #ST[s] OS[mm] it for cr8cm10N20ny4nu4it1lIS2r5Tl00
3323 8 20 38.9 0 1 #ST[s] OS[mm] it for cr8cm20N20ny4nu4it1lIS2r5Tl00
3324 8 30 38.4 9 1 #ST[s] OS[mm] it for cr8cm30N20ny4nu4it1lIS2r5Tl00
3325 8 40 37.3 0 1 #ST[s] OS[mm] it for cr8cm40N20ny4nu4it1lIS2r5Tl00
3326 8 50 38.0 4 1 #ST[s] OS[mm] it for cr8cm50N20ny4nu4it1lIS2r5Tl00
3327 8 60 38.4 3 1 #ST[s] OS[mm] it for cr8cm60N20ny4nu4it1lIS2r5Tl00
3328 8 70 39.1 0 1 #ST[s] OS[mm] it for cr8cm70N20ny4nu4it1lIS2r5Tl00
```

f=\$d/sumOS-N\$(N)a\$(a)f2.dat:cat \$f |awk 'BEGIN {V1=V2+V3=n=0} {m1=47.20;m2=0.3;el=83-m1;e2=\$4-m2;V1+

```
3329 8 80 38.0 2 1 #ST[s] OS[mm] it for cr8cm80N20ny4nu4it1lIS2r5Tl00
3330 8 100 49.7 0 1 #ST[s] OS[mm] it for cr8cm90N20ny4nu4it1lIS2r5Tl00
3331 8 100 39.8 0 1 #ST[s] OS[mm] it for cr9cm100N20ny4nu4it1lIS2r5Tl00
3332 9 10 39.5 2 1 #ST[s] OS[mm] it for cr9cm10N20ny4nu4it1lIS2r5Tl00
3333 9 20 38.2 0 1 #ST[s] OS[mm] it for cr9cm20N20ny4nu4it1lIS2r5Tl00
3334 9 30 37.6 0 1 #ST[s] OS[mm] it for cr9cm30N20ny4nu4it1lIS2r5Tl00
3335 9 40 38.2 10 1 #ST[s] OS[mm] it for cr9cm40N20ny4nu4it1lIS2r5Tl00
3336 9 50 38.0 3 1 #ST[s] OS[mm] it for cr9cm50N20ny4nu4it1lIS2r5Tl00
3337 9 60 39.7 7 1 #ST[s] OS[mm] it for cr9cm60N20ny4nu4it1lIS2r5Tl00
3338 9 70 38.0 5 1 #ST[s] OS[mm] it for cr9cm70N20ny4nu4it1lIS2r5Tl00
3339 9 80 38.4 0 1 #ST[s] OS[mm] it for cr9cm80N20ny4nu4it1lIS2r5Tl00
3340 9 100 39.2 0 1 #ST[s] OS[mm] it for cr9cm90N20ny4nu4it1lIS2r5Tl00
3341 9 100 39.2 7 1 #ST[s] OS[mm] it for cr9cm100N20ny4nu4it1lIS2r5Tl00
3342 10 10 40.8 14 1 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it1lIS2r5Tl00
3343 10 20 42.0 0 1 #ST[s] OS[mm] it for cr10cm20N20ny4nu4it1lIS2r5Tl00
3344 10 30 38.0 5 1 #ST[s] OS[mm] it for cr10cm30N20ny4nu4it1lIS2r5Tl00
3345 10 40 38.6 9 1 #ST[s] OS[mm] it for cr10cm40N20ny4nu4it1lIS2r5Tl00
3346 10 50 39.0 10 1 #ST[s] OS[mm] it for cr10cm50N20ny4nu4it1lIS2r5Tl00
3347 10 60 38.5 5 1 #ST[s] OS[mm] it for cr10cm60N20ny4nu4it1lIS2r5Tl00
3348 10 70 38.6 0 1 #ST[s] OS[mm] it for cr10cm70N20ny4nu4it1lIS2r5Tl00
3349 10 80 40.6 0 1 #ST[s] OS[mm] it for cr10cm80N20ny4nu4it1lIS2r5Tl00
3350 10 90 40.8 15 1 #ST[s] OS[mm] it for cr10cm90N20ny4nu4it1lIS2r5Tl00
3351 10 100 38.9 3 1 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it1lIS2r5Tl00
3352 #39.19 4.5 #Mean ST OS
3353 EOF
3354 f=$d/suMos-Ns[N]a$[a]f3.dat;cat $f|awk 'BEGIN {V1=V2=v3=n=0;} {ml=39.19;m2=4.5;rel=$3-ml;re2=$4-m2;V1+=
(e1*el1)/V2+e2;V3+=e4*$4;n++;} END{printf("#%g %g %g (%g) #Mean and std of ST and OS\n",ml,sqrt(V1)/
n),m2,sqrt(V2/n),sqrt(V3/n),i)}';
3355 #39.19 4.42172 4.5 3.90639 (5.91775) #Mean and std of ST and OS for f3
3356
3357 f=$d/suMos-Ns[N]a$[a]f4.dat;cat $f<<EOF
3358 1 10 72.5 0 1 #ST[s] OS[mm] it for cr1cm10N20ny4nu4it1lIS2r5Tl00
3359 1 20 54.9 0 1 #ST[s] OS[mm] it for cr1cm20N20ny4nu4it1lIS2r5Tl00
3360 1 30 81.7 0 1 #ST[s] OS[mm] it for cr1cm30N20ny4nu4it1lIS2r5Tl00
3361 1 40 84.6 0 1 #ST[s] OS[mm] it for cr1cm40N20ny4nu4it1lIS2r5Tl00
3362 1 50 -1.0 0 1 #ST[s] OS[mm] it for cr1cm50N20ny4nu4it1lIS2r5Tl00
3363 1 60 -1.0 0 1 #ST[s] OS[mm] it for cr1cm60N20ny4nu4it1lIS2r5Tl00
3364 1 70 45.5 0 1 #ST[s] OS[mm] it for cr1cm70N20ny4nu4it1lIS2r5Tl00
3365 1 80 -1.0 0 1 #ST[s] OS[mm] it for cr1cm80N20ny4nu4it1lIS2r5Tl00
3366 1 90 -1.0 0 1 #ST[s] OS[mm] it for cr1cm90N20ny4nu4it1lIS2r5Tl00
3367 1 100 -1.0 0 1 #ST[s] OS[mm] it for cr1cm100N20ny4nu4it1lIS2r5Tl00
3368 2 10 49.3 0 1 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it1lIS2r5Tl00
3369 2 20 57.5 0 1 #ST[s] OS[mm] it for cr2cm20N20ny4nu4it1lIS2r5Tl00
3370 2 30 71.9 246 1 #ST[s] OS[mm] it for cr2cm30N20ny4nu4it1lIS2r5Tl00
3371 2 40 74.2 0 1 #ST[s] OS[mm] it for cr2cm40N20ny4nu4it1lIS2r5Tl00
3372 2 50 78.7 0 1 #ST[s] OS[mm] it for cr2cm50N20ny4nu4it1lIS2r5Tl00
3373 2 60 53.2 0 1 #ST[s] OS[mm] it for cr2cm60N20ny4nu4it1lIS2r5Tl00
3374 2 70 87.3 470 1 #ST[s] OS[mm] it for cr2cm70N20ny4nu4it1lIS2r5Tl00
3375 2 80 -1.0 0 1 #ST[s] OS[mm] it for cr2cm80N20ny4nu4it1lIS2r5Tl00
3376 2 90 80.7 0 1 #ST[s] OS[mm] it for cr2cm90N20ny4nu4it1lIS2r5Tl00
3377 2 100 55.2 0 1 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it1lIS2r5Tl00
3378 3 10 64.4 0 1 #ST[s] OS[mm] it for cr3cm10N20ny4nu4it1lIS2r5Tl00
3379 3 20 53.4 0 1 #ST[s] OS[mm] it for cr3cm20N20ny4nu4it1lIS2r5Tl00
3380 3 30 84.7 0 1 #ST[s] OS[mm] it for cr3cm30N20ny4nu4it1lIS2r5Tl00
3381 3 40 84.7 0 1 #ST[s] OS[mm] it for cr3cm40N20ny4nu4it1lIS2r5Tl00
3382 3 50 85.0 0 1 #ST[s] OS[mm] it for cr3cm50N20ny4nu4it1lIS2r5Tl00
3383 3 60 80.1 0 1 #ST[s] OS[mm] it for cr3cm60N20ny4nu4it1lIS2r5Tl00
3384 3 70 70.1 0 1 #ST[s] OS[mm] it for cr3cm70N20ny4nu4it1lIS2r5Tl00
3385 3 80 93.8 0 1 #ST[s] OS[mm] it for cr3cm80N20ny4nu4it1lIS2r5Tl00
3386 3 90 87.1 0 1 #ST[s] OS[mm] it for cr3cm90N20ny4nu4it1lIS2r5Tl00
3387 3 100 95.1 321 1 #ST[s] OS[mm] it for cr3cm100N20ny4nu4it1lIS2r5Tl00
3388 4 10 54.8 0 1 #ST[s] OS[mm] it for cr4cm10N20ny4nu4it1lIS2r5Tl00
3389 4 20 38.8 0 1 #ST[s] OS[mm] it for cr4cm20N20ny4nu4it1lIS2r5Tl00
3390 4 30 56.3 0 1 #ST[s] OS[mm] it for cr4cm30N20ny4nu4it1lIS2r5Tl00
3391 4 40 56.7 0 1 #ST[s] OS[mm] it for cr4cm40N20ny4nu4it1lIS2r5Tl00
3392 4 50 45.0 0 1 #ST[s] OS[mm] it for cr4cm50N20ny4nu4it1lIS2r5Tl00
3393 4 60 46.6 0 1 #ST[s] OS[mm] it for cr4cm60N20ny4nu4it1lIS2r5Tl00
3394 4 70 53.9 16 1 #ST[s] OS[mm] it for cr4cm70N20ny4nu4it1lIS2r5Tl00
3395 4 80 57.9 0 1 #ST[s] OS[mm] it for cr4cm80N20ny4nu4it1lIS2r5Tl00
3396 4 90 95.3 1 1 #ST[s] OS[mm] it for cr4cm90N20ny4nu4it1lIS2r5Tl00
3397 4 100 -1.6 0 1 #ST[s] OS[mm] it for cr4cm100N20ny4nu4it1lIS2r5Tl00
3398 5 10 71.6 0 1 #ST[s] OS[mm] it for cr5cm10N20ny4nu4it1lIS2r5Tl00
3399 5 20 52.0 0 1 #ST[s] OS[mm] it for cr5cm20N20ny4nu4it1lIS2r5Tl00
3400 5 30 48.6 1 1 #ST[s] OS[mm] it for cr5cm30N20ny4nu4it1lIS2r5Tl00
3401 5 40 51.9 0 1 #ST[s] OS[mm] it for cr5cm40N20ny4nu4it1lIS2r5Tl00
3402 5 50 59.9 830 1 #ST[s] OS[mm] it for cr5cm50N20ny4nu4it1lIS2r5Tl00
3403 5 60 44.6 1 1 #ST[s] OS[mm] it for cr5cm60N20ny4nu4it1lIS2r5Tl00
3404 5 70 69.2 0 1 #ST[s] OS[mm] it for cr5cm70N20ny4nu4it1lIS2r5Tl00
3405 5 80 79.2 0 1 #ST[s] OS[mm] it for cr5cm80N20ny4nu4it1lIS2r5Tl00
3406 5 90 67.3 0 1 #ST[s] OS[mm] it for cr5cm90N20ny4nu4it1lIS2r5Tl00
3407 5 100 57.8 1 1 #ST[s] OS[mm] it for cr5cm100N20ny4nu4it1lIS2r5Tl00
3408 6 10 52.4 0 1 #ST[s] OS[mm] it for cr6cm10N20ny4nu4it1lIS2r5Tl00
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3409 6 20 59.6 2 1 #ST[s] OS[mm] it for cr6cm20N20ny4nu4it1lIS2r5Tl00
3410 6 30 44.3 0 1 #ST[s] OS[mm] it for cr6cm30N20ny4nu4it1lIS2r5Tl00
3411 6 40 43.0 1 1 #ST[s] OS[mm] it for cr6cm40N20ny4nu4it1lIS2r5Tl00
3412 6 50 48.3 0 1 #ST[s] OS[mm] it for cr6cm50N20ny4nu4it1lIS2r5Tl00
3413 6 60 58.6 0 1 #ST[s] OS[mm] it for cr6cm60N20ny4nu4it1lIS2r5Tl00
3414 6 70 71.2 25 1 #ST[s] OS[mm] it for cr6cm70N20ny4nu4it1lIS2r5Tl00
3415 6 80 52.5 9 1 #ST[s] OS[mm] it for cr6cm80N20ny4nu4it1lIS2r5Tl00
3416 6 90 50.5 7 1 #ST[s] OS[mm] it for cr6cm90N20ny4nu4it1lIS2r5Tl00
3417 6 100 49.6 13 1 #ST[s] OS[mm] it for cr6cm100N20ny4nu4it1lIS2r5Tl00
3418 7 10 70.3 3 1 #ST[s] OS[mm] it for cr7cm10N20ny4nu4it1lIS2r5Tl00
3419 7 20 52.7 1 1 #ST[s] OS[mm] it for cr7cm20N20ny4nu4it1lIS2r5Tl00
3420 7 30 45.1 1 1 #ST[s] OS[mm] it for cr7cm30N20ny4nu4it1lIS2r5Tl00
3421 7 40 45.1 1 1 #ST[s] OS[mm] it for cr7cm40N20ny4nu4it1lIS2r5Tl00
3422 7 50 46.1 0 1 #ST[s] OS[mm] it for cr7cm50N20ny4nu4it1lIS2r5Tl00
3423 7 60 45.1 1 1 #ST[s] OS[mm] it for cr7cm60N20ny4nu4it1lIS2r5Tl00
3424 7 70 42.2 84 1 #ST[s] OS[mm] it for cr7cm70N20ny4nu4it1lIS2r5Tl00
3425 7 80 48.9 59 1 #ST[s] OS[mm] it for cr7cm80N20ny4nu4it1lIS2r5Tl00
3426 7 90 61.4 6 1 #ST[s] OS[mm] it for cr7cm90N20ny4nu4it1lIS2r5Tl00
3427 7 100 44.8 0 1 #ST[s] OS[mm] it for cr7cm100N20ny4nu4it1lIS2r5Tl00
3428 8 10 78.8 0 1 #ST[s] OS[mm] it for cr8cm10N20ny4nu4it1lIS2r5Tl00
3429 8 20 65.2 4 1 #ST[s] OS[mm] it for cr8cm20N20ny4nu4it1lIS2r5Tl00
3430 8 30 65.2 4 1 #ST[s] OS[mm] it for cr8cm30N20ny4nu4it1lIS2r5Tl00
3431 8 40 56.1 1 1 #ST[s] OS[mm] it for cr8cm40N20ny4nu4it1lIS2r5Tl00
3432 8 50 53.1 1 1 #ST[s] OS[mm] it for cr8cm50N20ny4nu4it1lIS2r5Tl00
3433 8 60 52.0 0 1 #ST[s] OS[mm] it for cr8cm60N20ny4nu4it1lIS2r5Tl00
3434 8 70 42.6 2 1 #ST[s] OS[mm] it for cr8cm70N20ny4nu4it1lIS2r5Tl00
3435 8 80 58.4 0 1 #ST[s] OS[mm] it for cr8cm80N20ny4nu4it1lIS2r5Tl00
3436 8 90 77.1 475 1 #ST[s] OS[mm] it for cr8cm90N20ny4nu4it1lIS2r5Tl00
3437 8 100 58.2 2 1 #ST[s] OS[mm] it for cr8cm100N20ny4nu4it1lIS2r5Tl00
3438 9 10 57.0 2 1 #ST[s] OS[mm] it for cr9cm10N20ny4nu4it1lIS2r5Tl00
3439 9 20 49.4 0 1 #ST[s] OS[mm] it for cr9cm20N20ny4nu4it1lIS2r5Tl00
3440 9 30 82.6 0 1 #ST[s] OS[mm] it for cr9cm30N20ny4nu4it1lIS2r5Tl00
3441 9 40 66.1 2 1 #ST[s] OS[mm] it for cr9cm40N20ny4nu4it1lIS2r5Tl00
3442 9 50 51.3 0 1 #ST[s] OS[mm] it for cr9cm50N20ny4nu4it1lIS2r5Tl00
3443 9 60 87.8 341 1 #ST[s] OS[mm] it for cr9cm60N20ny4nu4it1lIS2r5Tl00
3444 9 70 44.5 1 1 #ST[s] OS[mm] it for cr9cm70N20ny4nu4it1lIS2r5Tl00
3445 9 80 46.9 5 1 #ST[s] OS[mm] it for cr9cm80N20ny4nu4it1lIS2r5Tl00
3446 9 90 59.5 2 1 #ST[s] OS[mm] it for cr9cm90N20ny4nu4it1lIS2r5Tl00
3447 9 100 94.7 1 1 #ST[s] OS[mm] it for cr9cm100N20ny4nu4it1lIS2r5Tl00
3448 10 10 52.7 3 1 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it1lIS2r5Tl00
3449 10 20 63.0 0 1 #ST[s] OS[mm] it for cr10cm20N20ny4nu4it1lIS2r5Tl00
3450 10 30 50.8 0 1 #ST[s] OS[mm] it for cr10cm30N20ny4nu4it1lIS2r5Tl00
3451 10 40 59.3 0 1 #ST[s] OS[mm] it for cr10cm40N20ny4nu4it1lIS2r5Tl00
3452 10 50 42.7 0 1 #ST[s] OS[mm] it for cr10cm50N20ny4nu4it1lIS2r5Tl00
3453 10 60 89.5 304 1 #ST[s] OS[mm] it for cr10cm60N20ny4nu4it1lIS2r5Tl00
3454 10 70 52.3 2 1 #ST[s] OS[mm] it for cr10cm70N20ny4nu4it1lIS2r5Tl00
3455 10 80 69.8 0 1 #ST[s] OS[mm] it for cr10cm80N20ny4nu4it1lIS2r5Tl00
3456 10 90 57.5 543 1 #ST[s] OS[mm] it for cr10cm90N20ny4nu4it1lIS2r5Tl00
3457 10 100 -1.0 996 1 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it1lIS2r5Tl00
3458 #56.01 48.7 #Mean ST OS
3459 EOF
3460 f=$d/suMos-Ns[N]a$[a]f4.dat;cat $f|awk 'BEGIN {V1=V2=v3=n=0;} {ml=56.01;m2=48.7;el=$3-ml;e2=$4-m2;V1+=
(e1*el1)/V2+e2;V3+=e4*$4;n++;} END{printf("#%g %g %g (%g) #Mean and std of ST and OS for f4
/n),m2,sqrt(V2/n),sqrt(V3/n),i)}';
3461 #56.01 22.8203 48.7 159.735 (166.851) #Mean and std of ST and OS for f4
3462
3463 ../mspcdata/result/b1/suMos-N20a0f1.dat
3464 ../mspcdata/result/b1/suMos-N20a0f1234.dat
3465 ../mspcdata/result/b1/suMos-N20a0f2.dat
3466 ../mspcdata/result/b1/suMos-N20a0f3.dat
3467 ../mspcdata/result/b1/suMos-N20a0f4.dat
3468 #bestST
3469 b=1;N=20;a=0;=../mspcdata/result/b$[b]
3470 f1=$d/net_cr2cm10N$[N]ny4nu4it12IS2r5Tl00it10
3471 f2=$d/net_cr2cm100N$[N]ny4nu4it12IS2r5Tl00it16
3472 f3=$d/net_cr10cm10N$[N]ny4nu4it12IS2r5Tl00it15
3473 f4=$d/net_cr10cm100N$[N]ny4nu4it12IS2r5Tl00it17
3474 rm listSS.dat;for cr in 1 2 3 4 5 6 7 8 9 10; do for cm in 10 20 30 40 50 60 70 80 90 100; do
3475 echo -n "$cr $cm ">>listSS.dat
3476 emulate crane2 it;1:1 r:5 cr:$cr cm:$cm cC:0.5 umax:10 tt:100 kxt:1 method:12:$N:$b:$a:0:$f1:$E2:$f3
3477 $f4 disp:0 listSS:1 T:100 N2s:12 LAMBDA:0.01
3478 done;done;cat listSS.dat;cat listSS.dat|awk 'BEGIN {S1=S2=n=0} {S1=$3;S2=$4;n++;} END{printf("#%#.2
f % # #Mean ST OS\n",S1/n,S2/n,i)}';
3479 d=../mspcdata/result/b1;N=20;a=0
3480 f=$d/suMT-Ns[N]a$[a]f1234.dat;cat $f<<EOF
3481 1 10 22.2 16 1 #ST[s] OS[mm] it for cr1cm10N20ny4nu4it1lIS2r5Tl00 #Ne=12
3482 1 20 23.4 10 1 #ST[s] OS[mm] it for cr1cm20N20ny4nu4it1lIS2r5Tl00
3483 1 30 23.8 7 1 #ST[s] OS[mm] it for cr1cm30N20ny4nu4it1lIS2r5Tl00
3484 1 40 25.9 2 1 #ST[s] OS[mm] it for cr1cm40N20ny4nu4it1lIS2r5Tl00
3485 1 50 25.1 1 1 #ST[s] OS[mm] it for cr1cm50N20ny4nu4it1lIS2r5Tl00
3486 1 60 21.2 0 1 #ST[s] OS[mm] it for cr1cm60N20ny4nu4it1lIS2r5Tl00
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3487 1 70 22.7 23 1 #ST[s] OS[mm] it for cr1cm70N20ny4nu4it1lIS2r5Tl00
3488 1 80 25.4 0 1 #ST[s] OS[mm] it for cr1cm80N20ny4nu4it1lIS2r5Tl00
3489 1 90 24.8 0 1 #ST[s] OS[mm] it for cr1cm90N20ny4nu4it1lIS2r5Tl00
3490 1 100 23.8 10 1 #ST[s] OS[mm] it for cr1cm10N20ny4nu4it1lIS2r5Tl00
3491 2 10 23.4 1 1 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it1lIS2r5Tl00
3492 2 20 25.12 1 #ST[s] OS[mm] it for cr2cm20N20ny4nu4it1lIS2r5Tl00
3493 2 30 24.0 1 1 #ST[s] OS[mm] it for cr2cm30N20ny4nu4it1lIS2r5Tl00
3494 2 40 23.6 1 1 #ST[s] OS[mm] it for cr2cm40N20ny4nu4it1lIS2r5Tl00
3495 2 50 25.1 6 1 #ST[s] OS[mm] it for cr2cm50N20ny4nu4it1lIS2r5Tl00
3496 2 60 25.1 6 1 #ST[s] OS[mm] it for cr2cm60N20ny4nu4it1lIS2r5Tl00
3497 2 70 24.3 0 1 #ST[s] OS[mm] it for cr2cm70N20ny4nu4it1lIS2r5Tl00
3498 2 80 26.5 0 1 #ST[s] OS[mm] it for cr2cm80N20ny4nu4it1lIS2r5Tl00
3499 2 90 23.1 17 1 #ST[s] OS[mm] it for cr2cm90N20ny4nu4it1lIS2r5Tl00
3500 2 100 26.3 0 1 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it1lIS2r5Tl00
3501 3 10 23.4 5 1 #ST[s] OS[mm] it for cr3cm10N20ny4nu4it1lIS2r5Tl00
3502 3 20 21.8 9 1 #ST[s] OS[mm] it for cr3cm20N20ny4nu4it1lIS2r5Tl00
3503 3 30 23.8 4 1 #ST[s] OS[mm] it for cr3cm30N20ny4nu4it1lIS2r5Tl00
3504 3 40 23.5 1 #ST[s] OS[mm] it for cr3cm40N20ny4nu4it1lIS2r5Tl00
3505 3 50 24.7 4 1 #ST[s] OS[mm] it for cr3cm50N20ny4nu4it1lIS2r5Tl00
3506 3 60 27.4 1 #ST[s] OS[mm] it for cr3cm60N20ny4nu4it1lIS2r5Tl00
3507 3 70 25.4 4 1 #ST[s] OS[mm] it for cr3cm70N20ny4nu4it1lIS2r5Tl00
3508 3 80 23.9 4 1 #ST[s] OS[mm] it for cr3cm80N20ny4nu4it1lIS2r5Tl00
3509 3 90 24.9 5 1 #ST[s] OS[mm] it for cr3cm90N20ny4nu4it1lIS2r5Tl00
3510 3 100 25.7 6 1 #ST[s] OS[mm] it for cr3cm10N20ny4nu4it1lIS2r5Tl00
3511 4 10 22.1 7 1 #ST[s] OS[mm] it for cr4cm10N20ny4nu4it1lIS2r5Tl00
3512 4 20 22.9 6 1 #ST[s] OS[mm] it for cr4cm20N20ny4nu4it1lIS2r5Tl00
3513 4 30 24.2 8 1 #ST[s] OS[mm] it for cr4cm30N20ny4nu4it1lIS2r5Tl00
3514 4 40 23.5 9 1 #ST[s] OS[mm] it for cr4cm40N20ny4nu4it1lIS2r5Tl00
3515 4 50 22.5 17 1 #ST[s] OS[mm] it for cr4cm50N20ny4nu4it1lIS2r5Tl00
3516 4 60 24.9 1 1 #ST[s] OS[mm] it for cr4cm60N20ny4nu4it1lIS2r5Tl00
3517 4 70 26.3 1 1 #ST[s] OS[mm] it for cr4cm70N20ny4nu4it1lIS2r5Tl00
3518 4 80 25.0 1 1 #ST[s] OS[mm] it for cr4cm80N20ny4nu4it1lIS2r5Tl00
3519 4 90 25.5 6 1 #ST[s] OS[mm] it for cr4cm90N20ny4nu4it1lIS2r5Tl00
3520 4 100 23.4 0 1 #ST[s] OS[mm] it for cr4cm10N20ny4nu4it1lIS2r5Tl00
3521 5 10 22.9 17 1 #ST[s] OS[mm] it for cr5cm10N20ny4nu4it1lIS2r5Tl00
3522 5 20 23.6 5 1 #ST[s] OS[mm] it for cr5cm20N20ny4nu4it1lIS2r5Tl00
3523 5 30 22.7 20 1 #ST[s] OS[mm] it for cr5cm30N20ny4nu4it1lIS2r5Tl00
3524 5 40 22.4 4 1 #ST[s] OS[mm] it for cr5cm40N20ny4nu4it1lIS2r5Tl00
3525 5 50 25.9 3 1 #ST[s] OS[mm] it for cr5cm50N20ny4nu4it1lIS2r5Tl00
3526 5 60 23.2 1 1 #ST[s] OS[mm] it for cr5cm60N20ny4nu4it1lIS2r5Tl00
3527 5 70 25.4 1 1 #ST[s] OS[mm] it for cr5cm70N20ny4nu4it1lIS2r5Tl00
3528 5 80 24.4 1 1 #ST[s] OS[mm] it for cr5cm80N20ny4nu4it1lIS2r5Tl00
3529 5 90 25.0 4 1 #ST[s] OS[mm] it for cr5cm90N20ny4nu4it1lIS2r5Tl00
3530 5 100 25.0 0 1 #ST[s] OS[mm] it for cr5cm10N20ny4nu4it1lIS2r5Tl00
3531 6 10 23.2 7 1 #ST[s] OS[mm] it for cr6cm10N20ny4nu4it1lIS2r5Tl00
3532 6 20 22.6 20 1 #ST[s] OS[mm] it for cr6cm20N20ny4nu4it1lIS2r5Tl00
3533 6 30 23.1 8 1 #ST[s] OS[mm] it for cr6cm30N20ny4nu4it1lIS2r5Tl00
3534 6 40 22.5 17 1 #ST[s] OS[mm] it for cr6cm40N20ny4nu4it1lIS2r5Tl00
3535 6 50 24.4 1 1 #ST[s] OS[mm] it for cr6cm50N20ny4nu4it1lIS2r5Tl00
3536 6 60 24.9 3 1 #ST[s] OS[mm] it for cr6cm60N20ny4nu4it1lIS2r5Tl00
3537 6 70 25.0 1 1 #ST[s] OS[mm] it for cr6cm70N20ny4nu4it1lIS2r5Tl00
3538 6 80 24.4 3 1 #ST[s] OS[mm] it for cr6cm80N20ny4nu4it1lIS2r5Tl00
3539 6 90 24.2 6 1 #ST[s] OS[mm] it for cr6cm90N20ny4nu4it1lIS2r5Tl00
3540 6 100 25.3 4 1 #ST[s] OS[mm] it for cr6cm10N20ny4nu4it1lIS2r5Tl00
3541 7 10 22.7 27 1 #ST[s] OS[mm] it for cr7cm10N20ny4nu4it1lIS2r5Tl00
3542 7 20 23.9 17 1 #ST[s] OS[mm] it for cr7cm20N20ny4nu4it1lIS2r5Tl00
3543 7 30 23.9 9 1 #ST[s] OS[mm] it for cr7cm30N20ny4nu4it1lIS2r5Tl00
3544 7 40 23.7 16 1 #ST[s] OS[mm] it for cr7cm40N20ny4nu4it1lIS2r5Tl00
3545 7 50 22.7 13 1 #ST[s] OS[mm] it for cr7cm50N20ny4nu4it1lIS2r5Tl00
3546 7 60 22.5 10 1 #ST[s] OS[mm] it for cr7cm60N20ny4nu4it1lIS2r5Tl00
3547 7 70 23.5 1 1 #ST[s] OS[mm] it for cr7cm70N20ny4nu4it1lIS2r5Tl00
3548 7 80 27.4 4 1 #ST[s] OS[mm] it for cr7cm80N20ny4nu4it1lIS2r5Tl00
3549 7 90 25.8 2 1 #ST[s] OS[mm] it for cr7cm90N20ny4nu4it1lIS2r5Tl00
3550 7 100 21.9 0 1 #ST[s] OS[mm] it for cr7cm10N20ny4nu4it1lIS2r5Tl00
3551 8 10 23.6 6 1 #ST[s] OS[mm] it for cr8cm10N20ny4nu4it1lIS2r5Tl00
3552 8 20 22.5 15 1 #ST[s] OS[mm] it for cr8cm20N20ny4nu4it1lIS2r5Tl00
3553 8 30 21.9 17 1 #ST[s] OS[mm] it for cr8cm30N20ny4nu4it1lIS2r5Tl00
3554 8 40 22.2 24 1 #ST[s] OS[mm] it for cr8cm40N20ny4nu4it1lIS2r5Tl00
3555 8 50 22.6 4 1 #ST[s] OS[mm] it for cr8cm50N20ny4nu4it1lIS2r5Tl00
3556 8 60 22.0 6 1 #ST[s] OS[mm] it for cr8cm60N20ny4nu4it1lIS2r5Tl00
3557 8 70 21.8 17 1 #ST[s] OS[mm] it for cr8cm70N20ny4nu4it1lIS2r5Tl00
3558 8 80 23.8 1 1 #ST[s] OS[mm] it for cr8cm80N20ny4nu4it1lIS2r5Tl00
3559 8 90 24.9 0 1 #ST[s] OS[mm] it for cr8cm90N20ny4nu4it1lIS2r5Tl00
3560 8 100 26.7 2 1 #ST[s] OS[mm] it for cr8cm10N20ny4nu4it1lIS2r5Tl00
3561 9 10 23.2 12 1 #ST[s] OS[mm] it for cr9cm10N20ny4nu4it1lIS2r5Tl00
3562 9 20 23.5 18 1 #ST[s] OS[mm] it for cr9cm20N20ny4nu4it1lIS2r5Tl00
3563 9 30 22.5 14 1 #ST[s] OS[mm] it for cr9cm30N20ny4nu4it1lIS2r5Tl00
3564 9 40 24.3 4 1 #ST[s] OS[mm] it for cr9cm40N20ny4nu4it1lIS2r5Tl00
3565 9 50 23.0 11 1 #ST[s] OS[mm] it for cr9cm50N20ny4nu4it1lIS2r5Tl00
3566 9 60 20.2 23 1 #ST[s] OS[mm] it for cr9cm60N20ny4nu4it1lIS2r5Tl00
3567 9 70 23.4 6 1 #ST[s] OS[mm] it for cr9cm70N20ny4nu4it1lIS2r5Tl00
3568 9 80 20.9 21 1 #ST[s] OS[mm] it for cr9cm80N20ny4nu4it1lIS2r5Tl00
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3569 9 90 26.2 6 1 #ST[s] OS[mm] it for cr9cm90N20ny4nu4it1lIS2r5Tl00
3570 9 100 28.0 1 1 #ST[s] OS[mm] it for cr9cm10N20ny4nu4it1lIS2r5Tl00
3571 10 10 23.0 36 1 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it1lIS2r5Tl00
3572 10 20 24.2 10 1 #ST[s] OS[mm] it for cr10cm20N20ny4nu4it1lIS2r5Tl00
3573 10 30 23.2 13 1 #ST[s] OS[mm] it for cr10cm30N20ny4nu4it1lIS2r5Tl00
3574 10 40 24.3 6 1 #ST[s] OS[mm] it for cr10cm40N20ny4nu4it1lIS2r5Tl00
3575 10 50 23.6 15 1 #ST[s] OS[mm] it for cr10cm50N20ny4nu4it1lIS2r5Tl00
3576 10 60 23.9 12 1 #ST[s] OS[mm] it for cr10cm60N20ny4nu4it1lIS2r5Tl00
3577 10 70 25.5 2 1 #ST[s] OS[mm] it for cr10cm70N20ny4nu4it1lIS2r5Tl00
3578 10 80 25.9 1 1 #ST[s] OS[mm] it for cr10cm80N20ny4nu4it1lIS2r5Tl00
3579 10 90 24.7 1 1 #ST[s] OS[mm] it for cr10cm90N20ny4nu4it1lIS2r5Tl00
3580 10 100 23.9 7 1 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it1lIS2r5Tl00
3581 #23.98 7.8 #Mean ST OS
3582 EOF
3583 f=$d/sumST-$S(N)a$(a)fi234.dat:cat $f|awk 'BEGIN {V1=V2=V3=0;} {m1=23.98;m2=7.8;e1=$3-m1;e2=$4-m2;
V1+=(e1*e1)/V2+=(e2*e2)/V3+=$4*$4*n++;} END{printf("%$g %g %g (%g) #Mean and std of ST and OS\n",ml,sqrt(
V1/2n),m2,sqrt(V2/n),sqrt(V3/n))}'
3584 #23.98 7.80843 7.8 7.29169 (10.6064) #Mean and std of ST and OS
3585
d=-./mspdata/result/bl/N=20:a=0
3586 f=$d/sumST-$S(N)a$(a)fi234.dat:cat>$f<<EOF
3587 1 10 24.3 14 1 #ST[s] OS[mm] it for cr1cm10N20ny4nu4it1lIS2r5Tl00
3588 1 20 24.0 10 1 #ST[s] OS[mm] it for cr1cm20N20ny4nu4it1lIS2r5Tl00
3589 1 30 23.6 10 1 #ST[s] OS[mm] it for cr1cm30N20ny4nu4it1lIS2r5Tl00
3590 1 40 21.8 3 1 #ST[s] OS[mm] it for cr1cm40N20ny4nu4it1lIS2r5Tl00
3591 1 50 26.1 2 1 #ST[s] OS[mm] it for cr1cm50N20ny4nu4it1lIS2r5Tl00
3592 1 60 25.2 1 #ST[s] OS[mm] it for cr1cm60N20ny4nu4it1lIS2r5Tl00
3593 1 70 21.4 4 1 #ST[s] OS[mm] it for cr1cm70N20ny4nu4it1lIS2r5Tl00
3594 1 80 23.7 4 1 #ST[s] OS[mm] it for cr1cm80N20ny4nu4it1lIS2r5Tl00
3595 1 90 23.9 0 1 #ST[s] OS[mm] it for cr1cm90N20ny4nu4it1lIS2r5Tl00
3596 1 100 26.5 0 1 #ST[s] OS[mm] it for cr1cm10N20ny4nu4it1lIS2r5Tl00
3597 2 10 23.5 16 1 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it1lIS2r5Tl00
3598 2 20 22.4 5 1 #ST[s] OS[mm] it for cr2cm20N20ny4nu4it1lIS2r5Tl00
3599 2 30 22.8 8 1 #ST[s] OS[mm] it for cr2cm30N20ny4nu4it1lIS2r5Tl00
3600 2 40 24.2 1 #ST[s] OS[mm] it for cr2cm40N20ny4nu4it1lIS2r5Tl00
3601 2 50 25.0 2 1 #ST[s] OS[mm] it for cr2cm50N20ny4nu4it1lIS2r5Tl00
3602 2 60 26.1 4 1 #ST[s] OS[mm] it for cr2cm60N20ny4nu4it1lIS2r5Tl00
3603 2 70 23.6 3 1 #ST[s] OS[mm] it for cr2cm70N20ny4nu4it1lIS2r5Tl00
3604 2 80 22.1 0 1 #ST[s] OS[mm] it for cr2cm80N20ny4nu4it1lIS2r5Tl00
3605 2 90 24.4 1 1 #ST[s] OS[mm] it for cr2cm90N20ny4nu4it1lIS2r5Tl00
3606 2 100 23.8 1 1 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it1lIS2r5Tl00
3607 3 10 23.7 9 1 #ST[s] OS[mm] it for cr3cm10N20ny4nu4it1lIS2r5Tl00
3608 3 20 22.7 9 1 #ST[s] OS[mm] it for cr3cm20N20ny4nu4it1lIS2r5Tl00
3609 3 30 23.5 7 1 #ST[s] OS[mm] it for cr3cm30N20ny4nu4it1lIS2r5Tl00
3610 3 40 24.0 5 1 #ST[s] OS[mm] it for cr3cm40N20ny4nu4it1lIS2r5Tl00
3611 3 50 23.4 11 1 #ST[s] OS[mm] it for cr3cm50N20ny4nu4it1lIS2r5Tl00
3612 3 60 25.8 5 1 #ST[s] OS[mm] it for cr3cm60N20ny4nu4it1lIS2r5Tl00
3613 3 70 26.0 6 1 #ST[s] OS[mm] it for cr3cm70N20ny4nu4it1lIS2r5Tl00
3614 3 80 25.8 1 1 #ST[s] OS[mm] it for cr3cm80N20ny4nu4it1lIS2r5Tl00
3615 3 90 25.0 8 1 #ST[s] OS[mm] it for cr3cm90N20ny4nu4it1lIS2r5Tl00
3616 3 100 25.4 0 1 #ST[s] OS[mm] it for cr3cm10N20ny4nu4it1lIS2r5Tl00
3617 4 10 23.6 14 1 #ST[s] OS[mm] it for cr4cm10N20ny4nu4it1lIS2r5Tl00
3618 4 20 22.7 13 1 #ST[s] OS[mm] it for cr4cm20N20ny4nu4it1lIS2r5Tl00
3619 4 30 22.2 6 1 #ST[s] OS[mm] it for cr4cm30N20ny4nu4it1lIS2r5Tl00
3620 4 40 24.7 5 1 #ST[s] OS[mm] it for cr4cm40N20ny4nu4it1lIS2r5Tl00
3621 4 50 24.6 1 #ST[s] OS[mm] it for cr4cm50N20ny4nu4it1lIS2r5Tl00
3622 4 60 22.3 13 1 #ST[s] OS[mm] it for cr4cm60N20ny4nu4it1lIS2r5Tl00
3623 4 70 24.1 6 1 #ST[s] OS[mm] it for cr4cm70N20ny4nu4it1lIS2r5Tl00
3624 4 80 23.8 1 #ST[s] OS[mm] it for cr4cm80N20ny4nu4it1lIS2r5Tl00
3625 4 90 24.9 3 1 #ST[s] OS[mm] it for cr4cm90N20ny4nu4it1lIS2r5Tl00
3626 4 100 28.7 2 1 #ST[s] OS[mm] it for cr4cm10N20ny4nu4it1lIS2r5Tl00
3627 5 10 24.3 7 1 #ST[s] OS[mm] it for cr5cm10N20ny4nu4it1lIS2r5Tl00
3628 5 20 24.9 9 1 #ST[s] OS[mm] it for cr5cm20N20ny4nu4it1lIS2r5Tl00
3629 5 30 24.1 6 1 #ST[s] OS[mm] it for cr5cm30N20ny4nu4it1lIS2r5Tl00
3630 5 40 26.0 4 1 #ST[s] OS[mm] it for cr5cm40N20ny4nu4it1lIS2r5Tl00
3631 5 50 23.8 2 1 #ST[s] OS[mm] it for cr5cm50N20ny4nu4it1lIS2r5Tl00
3632 5 60 22.9 1 #ST[s] OS[mm] it for cr5cm60N20ny4nu4it1lIS2r5Tl00
3633 5 70 25.5 2 1 #ST[s] OS[mm] it for cr5cm70N20ny4nu4it1lIS2r5Tl00
3634 5 80 26.8 2 1 #ST[s] OS[mm] it for cr5cm80N20ny4nu4it1lIS2r5Tl00
3635 5 90 25.2 4 1 #ST[s] OS[mm] it for cr5cm90N20ny4nu4it1lIS2r5Tl00
3636 5 100 21.5 23 1 #ST[s] OS[mm] it for cr5cm10N20ny4nu4it1lIS2r5Tl00
3637 6 10 22.8 17 1 #ST[s] OS[mm] it for cr6cm10N20ny4nu4it1lIS2r5Tl00
3638 6 20 23.2 25 1 #ST[s] OS[mm] it for cr6cm20N20ny4nu4it1lIS2r5Tl00
3639 6 30 22.9 6 1 #ST[s] OS[mm] it for cr6cm30N20ny4nu4it1lIS2r5Tl00
3640 6 40 24.4 6 1 #ST[s] OS[mm] it for cr6cm40N20ny4nu4it1lIS2r5Tl00
3641 6 50 23.2 13 1 #ST[s] OS[mm] it for cr6cm50N20ny4nu4it1lIS2r5Tl00
3642 6 60 23.6 6 1 #ST[s] OS[mm] it for cr6cm60N20ny4nu4it1lIS2r5Tl00
3643 6 70 24.7 1 1 #ST[s] OS[mm] it for cr6cm70N20ny4nu4it1lIS2r5Tl00
3644 6 80 23.1 2 1 #ST[s] OS[mm] it for cr6cm80N20ny4nu4it1lIS2r5Tl00
3645 6 90 23.1 3 1 #ST[s] OS[mm] it for cr6cm90N20ny4nu4it1lIS2r5Tl00
3646 6 100 24.2 3 1 #ST[s] OS[mm] it for cr6cm10N20ny4nu4it1lIS2r5Tl00
3647 7 10 24.0 14 1 #ST[s] OS[mm] it for cr7cm10N20ny4nu4it1lIS2r5Tl00
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3649 7 20 23.9 6 1 #ST[s] OS[mm] it for cr7cm20N20ny4nu4it1lIS2r5Tl00
3650 7 20 23.8 6 1 #ST[s] OS[mm] it for cr7cm30N20ny4nu4it1lIS2r5Tl00
3651 7 40 23.1 10 1 #ST[s] OS[mm] it for cr7cm40N20ny4nu4it1lIS2r5Tl00
3652 7 50 24.7 3 1 #ST[s] OS[mm] it for cr7cm50N20ny4nu4it1lIS2r5Tl00
3653 7 60 23.2 2 1 #ST[s] OS[mm] it for cr7cm60N20ny4nu4it1lIS2r5Tl00
3654 7 70 23.4 9 1 #ST[s] OS[mm] it for cr7cm70N20ny4nu4it1lIS2r5Tl00
3655 7 80 23.8 0 1 #ST[s] OS[mm] it for cr7cm80N20ny4nu4it1lIS2r5Tl00
3656 7 90 25.9 2 1 #ST[s] OS[mm] it for cr7cm90N20ny4nu4it1lIS2r5Tl00
3657 7 100 24.2 0 1 #ST[s] OS[mm] it for cr7cm100N20ny4nu4it1lIS2r5Tl00
3658 8 10 23.1 18 1 #ST[s] OS[mm] it for cr8cm10N20ny4nu4it1lIS2r5Tl00
3659 8 20 23.7 11 1 #ST[s] OS[mm] it for cr8cm20N20ny4nu4it1lIS2r5Tl00
3660 8 30 22.5 12 1 #ST[s] OS[mm] it for cr8cm30N20ny4nu4it1lIS2r5Tl00
3661 8 40 23.2 7 1 #ST[s] OS[mm] it for cr8cm40N20ny4nu4it1lIS2r5Tl00
3662 8 50 25.3 3 1 #ST[s] OS[mm] it for cr8cm50N20ny4nu4it1lIS2r5Tl00
3663 8 60 25.3 5 1 #ST[s] OS[mm] it for cr8cm60N20ny4nu4it1lIS2r5Tl00
3664 8 70 20.9 12 1 #ST[s] OS[mm] it for cr8cm70N20ny4nu4it1lIS2r5Tl00
3665 8 80 26.1 2 1 #ST[s] OS[mm] it for cr8cm80N20ny4nu4it1lIS2r5Tl00
3666 8 90 25.3 0 1 #ST[s] OS[mm] it for cr8cm90N20ny4nu4it1lIS2r5Tl00
3667 8 100 23.0 4 1 #ST[s] OS[mm] it for cr8cm100N20ny4nu4it1lIS2r5Tl00
3668 9 10 23.2 13 1 #ST[s] OS[mm] it for cr9cm10N20ny4nu4it1lIS2r5Tl00
3669 9 20 24.1 4 1 #ST[s] OS[mm] it for cr9cm20N20ny4nu4it1lIS2r5Tl00
3670 9 30 24.7 8 1 #ST[s] OS[mm] it for cr9cm30N20ny4nu4it1lIS2r5Tl00
3671 9 40 24.6 10 1 #ST[s] OS[mm] it for cr9cm40N20ny4nu4it1lIS2r5Tl00
3672 9 50 24.5 6 1 #ST[s] OS[mm] it for cr9cm50N20ny4nu4it1lIS2r5Tl00
3673 9 60 23.8 2 1 #ST[s] OS[mm] it for cr9cm60N20ny4nu4it1lIS2r5Tl00
3674 9 70 23.2 1 1 #ST[s] OS[mm] it for cr9cm70N20ny4nu4it1lIS2r5Tl00
3675 9 80 23.2 19 1 #ST[s] OS[mm] it for cr9cm80N20ny4nu4it1lIS2r5Tl00
3676 9 90 24.4 2 1 #ST[s] OS[mm] it for cr9cm90N20ny4nu4it1lIS2r5Tl00
3677 9 100 25.4 0 1 #ST[s] OS[mm] it for cr9cm100N20ny4nu4it1lIS2r5Tl00
3678 10 10 22.6 24 1 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it1lIS2r5Tl00
3679 10 20 22.8 7 1 #ST[s] OS[mm] it for cr10cm20N20ny4nu4it1lIS2r5Tl00
3680 10 30 22.8 6 1 #ST[s] OS[mm] it for cr10cm30N20ny4nu4it1lIS2r5Tl00
3681 10 40 23.7 3 1 #ST[s] OS[mm] it for cr10cm40N20ny4nu4it1lIS2r5Tl00
3682 10 50 25.7 5 1 #ST[s] OS[mm] it for cr10cm50N20ny4nu4it1lIS2r5Tl00
3683 10 60 23.4 9 1 #ST[s] OS[mm] it for cr10cm60N20ny4nu4it1lIS2r5Tl00
3684 10 70 22.0 7 1 #ST[s] OS[mm] it for cr10cm70N20ny4nu4it1lIS2r5Tl00
3685 10 80 23.3 8 1 #ST[s] OS[mm] it for cr10cm80N20ny4nu4it1lIS2r5Tl00
3686 10 90 22.0 2 1 #ST[s] OS[mm] it for cr10cm90N20ny4nu4it1lIS2r5Tl00
3687 10 100 25.9 1 1 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it1lIS2r5Tl00
3688 #23.98 6.3 #Mean ST OS
3689 EOF
3690 f=$d/sumST-N$(N)a$(a){f1234.dat;cat $f|awk 'BEGIN {V1=V2=V3=n=0;} {n1=23.98;n2=6.3;e1=$3-m1;e2=$4-m2;
V1/n},m2,sqrt(V2/n),sqrt(V3/n)}';}
3691 #23.98 2.72423 6.3 5.44122 (8.26959) #Mean and std of ST and OS for f1234
3692 f=$d/sumST-N$(N)a$(a){f1.dat;cat-$f<<EOF
3693 1 10 24.8 1 1 #ST[s] OS[mm] it for cr1cm10N20ny4nu4it1lIS2r5Tl00
3694 1 20 24.0 2 1 #ST[s] OS[mm] it for cr1cm20N20ny4nu4it1lIS2r5Tl00
3695 1 30 24.1 1 1 #ST[s] OS[mm] it for cr1cm30N20ny4nu4it1lIS2r5Tl00
3696 1 40 27.8 1 1 #ST[s] OS[mm] it for cr1cm40N20ny4nu4it1lIS2r5Tl00
3697 1 50 26.7 0 1 #ST[s] OS[mm] it for cr1cm50N20ny4nu4it1lIS2r5Tl00
3698 1 60 32.1 1 1 #ST[s] OS[mm] it for cr1cm60N20ny4nu4it1lIS2r5Tl00
3699 1 70 32.4 0 1 #ST[s] OS[mm] it for cr1cm70N20ny4nu4it1lIS2r5Tl00
3700 1 80 32.1 0 1 #ST[s] OS[mm] it for cr1cm80N20ny4nu4it1lIS2r5Tl00
3701 1 90 32.0 0 1 #ST[s] OS[mm] it for cr1cm90N20ny4nu4it1lIS2r5Tl00
3702 1 100 33.7 0 1 #ST[s] OS[mm] it for cr1cm100N20ny4nu4it1lIS2r5Tl00
3703 2 10 19.7 7 1 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it1lIS2r5Tl00
3704 2 20 21.6 0 1 #ST[s] OS[mm] it for cr2cm20N20ny4nu4it1lIS2r5Tl00
3705 2 30 20.0 6 1 #ST[s] OS[mm] it for cr2cm30N20ny4nu4it1lIS2r5Tl00
3706 2 40 29.9 0 1 #ST[s] OS[mm] it for cr2cm40N20ny4nu4it1lIS2r5Tl00
3707 2 50 29.8 1 1 #ST[s] OS[mm] it for cr2cm50N20ny4nu4it1lIS2r5Tl00
3708 2 60 23.7 0 1 #ST[s] OS[mm] it for cr2cm60N20ny4nu4it1lIS2r5Tl00
3709 2 70 30.1 0 1 #ST[s] OS[mm] it for cr2cm70N20ny4nu4it1lIS2r5Tl00
3710 2 80 27.0 0 1 #ST[s] OS[mm] it for cr2cm80N20ny4nu4it1lIS2r5Tl00
3711 2 90 25.3 6 1 #ST[s] OS[mm] it for cr2cm90N20ny4nu4it1lIS2r5Tl00
3712 2 100 22.2 3 1 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it1lIS2r5Tl00
3713 3 10 29.4 1 1 #ST[s] OS[mm] it for cr3cm10N20ny4nu4it1lIS2r5Tl00
3714 3 20 31.2 1 1 #ST[s] OS[mm] it for cr3cm20N20ny4nu4it1lIS2r5Tl00
3715 3 30 27.0 31 1 #ST[s] OS[mm] it for cr3cm30N20ny4nu4it1lIS2r5Tl00
3716 3 40 21.6 0 1 #ST[s] OS[mm] it for cr3cm40N20ny4nu4it1lIS2r5Tl00
3717 3 50 24.1 0 1 #ST[s] OS[mm] it for cr3cm50N20ny4nu4it1lIS2r5Tl00
3718 3 60 27.2 182 1 #ST[s] OS[mm] it for cr3cm60N20ny4nu4it1lIS2r5Tl00
3719 3 70 32.0 6 1 #ST[s] OS[mm] it for cr3cm70N20ny4nu4it1lIS2r5Tl00
3720 3 80 30.4 0 1 #ST[s] OS[mm] it for cr3cm80N20ny4nu4it1lIS2r5Tl00
3721 3 90 24.1 7 1 #ST[s] OS[mm] it for cr3cm90N20ny4nu4it1lIS2r5Tl00
3722 3 100 29.9 0 1 #ST[s] OS[mm] it for cr3cm100N20ny4nu4it1lIS2r5Tl00
3723 4 10 23.9 1 1 #ST[s] OS[mm] it for cr4cm10N20ny4nu4it1lIS2r5Tl00
3724 4 20 18.6 1 1 #ST[s] OS[mm] it for cr4cm20N20ny4nu4it1lIS2r5Tl00
3725 4 30 19.9 0 1 #ST[s] OS[mm] it for cr4cm30N20ny4nu4it1lIS2r5Tl00
3726 4 40 26.1 1 1 #ST[s] OS[mm] it for cr4cm40N20ny4nu4it1lIS2r5Tl00
3727 4 50 30.2 1 1 #ST[s] OS[mm] it for cr4cm50N20ny4nu4it1lIS2r5Tl00
3728 4 60 24.1 2 1 #ST[s] OS[mm] it for cr4cm60N20ny4nu4it1lIS2r5Tl00
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3729 4 70 26.9 0 1 #ST[s] OS[mm] it for cr4cm70N20ny4nu4it1lIS2r5Tl00
3730 4 80 27.0 0 1 #ST[s] OS[mm] it for cr4cm80N20ny4nu4it1lIS2r5Tl00
3731 4 90 18.9 72 1 #ST[s] OS[mm] it for cr4cm90N20ny4nu4it1lIS2r5Tl00
3732 4 100 19.6 33 1 #ST[s] OS[mm] it for cr4cm100N20ny4nu4it1lIS2r5Tl00
3733 5 10 28.1 3 1 #ST[s] OS[mm] it for cr5cm10N20ny4nu4it1lIS2r5Tl00
3734 5 20 23.1 1 1 #ST[s] OS[mm] it for cr5cm20N20ny4nu4it1lIS2r5Tl00
3735 5 30 21.6 0 1 #ST[s] OS[mm] it for cr5cm30N20ny4nu4it1lIS2r5Tl00
3736 5 40 31.7 1 1 #ST[s] OS[mm] it for cr5cm40N20ny4nu4it1lIS2r5Tl00
3737 5 50 21.9 30 1 #ST[s] OS[mm] it for cr5cm50N20ny4nu4it1lIS2r5Tl00
3738 5 60 22.1 29 1 #ST[s] OS[mm] it for cr5cm60N20ny4nu4it1lIS2r5Tl00
3739 5 70 22.7 0 1 #ST[s] OS[mm] it for cr5cm70N20ny4nu4it1lIS2r5Tl00
3740 5 80 28.6 0 1 #ST[s] OS[mm] it for cr5cm80N20ny4nu4it1lIS2r5Tl00
3741 5 90 30.4 0 1 #ST[s] OS[mm] it for cr5cm90N20ny4nu4it1lIS2r5Tl00
3742 5 100 32.5 0 1 #ST[s] OS[mm] it for cr5cm100N20ny4nu4it1lIS2r5Tl00
3743 6 10 28.3 2 1 #ST[s] OS[mm] it for cr6cm10N20ny4nu4it1lIS2r5Tl00
3744 6 20 25.4 125 1 #ST[s] OS[mm] it for cr6cm20N20ny4nu4it1lIS2r5Tl00
3745 6 30 28.6 1 1 #ST[s] OS[mm] it for cr6cm30N20ny4nu4it1lIS2r5Tl00
3746 6 40 31.2 1 1 #ST[s] OS[mm] it for cr6cm40N20ny4nu4it1lIS2r5Tl00
3747 6 50 22.8 10 1 #ST[s] OS[mm] it for cr6cm50N20ny4nu4it1lIS2r5Tl00
3748 6 60 30.3 1 1 #ST[s] OS[mm] it for cr6cm60N20ny4nu4it1lIS2r5Tl00
3749 6 70 26.5 0 1 #ST[s] OS[mm] it for cr6cm70N20ny4nu4it1lIS2r5Tl00
3750 6 80 20.2 13 1 #ST[s] OS[mm] it for cr6cm80N20ny4nu4it1lIS2r5Tl00
3751 6 90 32.3 0 1 #ST[s] OS[mm] it for cr6cm90N20ny4nu4it1lIS2r5Tl00
3752 6 100 31.0 0 1 #ST[s] OS[mm] it for cr6cm100N20ny4nu4it1lIS2r5Tl00
3753 7 10 29.6 3 1 #ST[s] OS[mm] it for cr7cm10N20ny4nu4it1lIS2r5Tl00
3754 7 20 17.1 97 1 #ST[s] OS[mm] it for cr7cm20N20ny4nu4it1lIS2r5Tl00
3755 7 30 25.4 121 1 #ST[s] OS[mm] it for cr7cm30N20ny4nu4it1lIS2r5Tl00
3756 7 40 31.8 1 1 #ST[s] OS[mm] it for cr7cm40N20ny4nu4it1lIS2r5Tl00
3757 7 50 29.7 1 1 #ST[s] OS[mm] it for cr7cm50N20ny4nu4it1lIS2r5Tl00
3758 7 60 26.1 0 1 #ST[s] OS[mm] it for cr7cm60N20ny4nu4it1lIS2r5Tl00
3759 7 70 21.9 2 1 #ST[s] OS[mm] it for cr7cm70N20ny4nu4it1lIS2r5Tl00
3760 7 80 20.0 33 1 #ST[s] OS[mm] it for cr7cm80N20ny4nu4it1lIS2r5Tl00
3761 7 90 29.5 0 1 #ST[s] OS[mm] it for cr7cm90N20ny4nu4it1lIS2r5Tl00
3762 7 100 27.9 11 1 #ST[s] OS[mm] it for cr7cm100N20ny4nu4it1lIS2r5Tl00
3763 8 10 32.1 3 1 #ST[s] OS[mm] it for cr8cm10N20ny4nu4it1lIS2r5Tl00
3764 8 20 24.5 107 1 #ST[s] OS[mm] it for cr8cm20N20ny4nu4it1lIS2r5Tl00
3765 8 30 17.4 66 1 #ST[s] OS[mm] it for cr8cm30N20ny4nu4it1lIS2r5Tl00
3766 8 40 27.3 1 1 #ST[s] OS[mm] it for cr8cm40N20ny4nu4it1lIS2r5Tl00
3767 8 50 31.2 0 1 #ST[s] OS[mm] it for cr8cm50N20ny4nu4it1lIS2r5Tl00
3768 8 60 28.2 0 1 #ST[s] OS[mm] it for cr8cm60N20ny4nu4it1lIS2r5Tl00
3769 8 70 34.2 0 1 #ST[s] OS[mm] it for cr8cm70N20ny4nu4it1lIS2r5Tl00
3770 8 80 29.9 0 1 #ST[s] OS[mm] it for cr8cm80N20ny4nu4it1lIS2r5Tl00
3771 8 90 19.2 56 1 #ST[s] OS[mm] it for cr8cm90N20ny4nu4it1lIS2r5Tl00
3772 8 100 32.0 47 1 #ST[s] OS[mm] it for cr8cm100N20ny4nu4it1lIS2r5Tl00
3773 9 10 30.0 4 1 #ST[s] OS[mm] it for cr9cm10N20ny4nu4it1lIS2r5Tl00
3774 9 20 21.6 1 1 #ST[s] OS[mm] it for cr9cm20N20ny4nu4it1lIS2r5Tl00
3775 9 30 17.5 50 1 #ST[s] OS[mm] it for cr9cm30N20ny4nu4it1lIS2r5Tl00
3776 9 40 18.9 47 1 #ST[s] OS[mm] it for cr9cm40N20ny4nu4it1lIS2r5Tl00
3777 9 50 31.3 0 1 #ST[s] OS[mm] it for cr9cm50N20ny4nu4it1lIS2r5Tl00
3778 9 60 31.6 1 1 #ST[s] OS[mm] it for cr9cm60N20ny4nu4it1lIS2r5Tl00
3779 9 70 30.2 0 1 #ST[s] OS[mm] it for cr9cm70N20ny4nu4it1lIS2r5Tl00
3780 9 80 29.7 0 1 #ST[s] OS[mm] it for cr9cm80N20ny4nu4it1lIS2r5Tl00
3781 9 90 29.0 44 1 #ST[s] OS[mm] it for cr9cm90N20ny4nu4it1lIS2r5Tl00
3782 9 100 33.5 57 1 #ST[s] OS[mm] it for cr9cm100N20ny4nu4it1lIS2r5Tl00
3783 10 10 30.3 6 1 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it1lIS2r5Tl00
3784 10 20 19.6 22 1 #ST[s] OS[mm] it for cr10cm20N20ny4nu4it1lIS2r5Tl00
3785 10 30 19.4 69 1 #ST[s] OS[mm] it for cr10cm30N20ny4nu4it1lIS2r5Tl00
3786 10 40 19.0 28 1 #ST[s] OS[mm] it for cr10cm40N20ny4nu4it1lIS2r5Tl00
3787 10 50 49.0 0 1 #ST[s] OS[mm] it for cr10cm50N20ny4nu4it1lIS2r5Tl00
3788 10 60 31.8 0 1 #ST[s] OS[mm] it for cr10cm60N20ny4nu4it1lIS2r5Tl00
3789 10 70 31.7 0 1 #ST[s] OS[mm] it for cr10cm70N20ny4nu4it1lIS2r5Tl00
3790 10 80 22.9 8 1 #ST[s] OS[mm] it for cr10cm80N20ny4nu4it1lIS2r5Tl00
3791 10 90 31.6 27 1 #ST[s] OS[mm] it for cr10cm90N20ny4nu4it1lIS2r5Tl00
3792 10 100 30.5 5 1 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it1lIS2r5Tl00
3793 #26.27 15.0 #Mean ST OS
3794 EOF
3795 f=$d/sumST-N$(N)a$(a){f1.dat;cat $f|awk 'BEGIN {V1=V2=V3=n=0;} {n1=26.27;n2=15.0;e1=$3-m1;e2=$4-m2;
V1/n},m2,sqrt(V2/n),sqrt(V3/n)}';}
3796 #26.27 5.37236 15 31.3255 (34.6803) #Mean and std of ST and OS for f1
3797
3798 f=$d/sumST-N$(N)a$(a){f2.dat;cat-$f<<EOF
3799 1 10 22.7 63 1 #ST[s] OS[mm] it for cr1cm10N20ny4nu4it1lIS2r5Tl00
3800 1 20 23.0 46 1 #ST[s] OS[mm] it for cr1cm20N20ny4nu4it1lIS2r5Tl00
3801 1 30 22.2 57 1 #ST[s] OS[mm] it for cr1cm30N20ny4nu4it1lIS2r5Tl00
3802 1 40 22.7 41 1 #ST[s] OS[mm] it for cr1cm40N20ny4nu4it1lIS2r5Tl00
3803 1 50 22.5 41 1 #ST[s] OS[mm] it for cr1cm50N20ny4nu4it1lIS2r5Tl00
3804 1 60 22.4 32 1 #ST[s] OS[mm] it for cr1cm60N20ny4nu4it1lIS2r5Tl00
3805 1 70 22.6 29 1 #ST[s] OS[mm] it for cr1cm70N20ny4nu4it1lIS2r5Tl00
3806 1 80 23.7 14 1 #ST[s] OS[mm] it for cr1cm80N20ny4nu4it1lIS2r5Tl00
3807 1 90 24.5 11 1 #ST[s] OS[mm] it for cr1cm90N20ny4nu4it1lIS2r5Tl00
3808 1 100 23.4 4 1 #ST[s] OS[mm] it for cr1cm100N20ny4nu4it1lIS2r5Tl00
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3809 2 10 23.3 57 1 #ST[s] OS[mm] it for cr2cm10N20ny4nu4itl1IS2r5Tl00
3810 2 20 23.2 49 1 #ST[s] OS[mm] it for cr2cm20N20ny4nu4itl1IS2r5Tl00
3811 2 30 23.6 45 1 #ST[s] OS[mm] it for cr2cm30N20ny4nu4itl1IS2r5Tl00
3812 2 40 23.2 40 1 #ST[s] OS[mm] it for cr2cm40N20ny4nu4itl1IS2r5Tl00
3813 2 50 23.5 23 1 #ST[s] OS[mm] it for cr2cm50N20ny4nu4itl1IS2r5Tl00
3814 2 60 23.1 27 1 #ST[s] OS[mm] it for cr2cm60N20ny4nu4itl1IS2r5Tl00
3815 2 70 22.8 11 1 #ST[s] OS[mm] it for cr2cm70N20ny4nu4itl1IS2r5Tl00
3816 2 80 21.8 62 1 #ST[s] OS[mm] it for cr2cm80N20ny4nu4itl1IS2r5Tl00
3817 2 90 22.4 10 1 #ST[s] OS[mm] it for cr2cm90N20ny4nu4itl1IS2r5Tl00
3818 2 100 22.4 10 1 #ST[s] OS[mm] it for cr2cm100N20ny4nu4itl1IS2r5Tl00
3819 3 10 22.8 5 1 #ST[s] OS[mm] it for cr3cm10N20ny4nu4itl1IS2r5Tl00
3820 3 20 22.8 47 1 #ST[s] OS[mm] it for cr3cm20N20ny4nu4itl1IS2r5Tl00
3821 3 30 22.2 58 1 #ST[s] OS[mm] it for cr3cm30N20ny4nu4itl1IS2r5Tl00
3822 3 40 23.3 118 1 #ST[s] OS[mm] it for cr3cm40N20ny4nu4itl1IS2r5Tl00
3823 3 50 21.9 58 1 #ST[s] OS[mm] it for cr3cm50N20ny4nu4itl1IS2r5Tl00
3824 3 60 24.1 51 1 #ST[s] OS[mm] it for cr3cm60N20ny4nu4itl1IS2r5Tl00
3825 3 70 44.6 246 1 #ST[s] OS[mm] it for cr3cm70N20ny4nu4itl1IS2r5Tl00
3826 3 80 40.4 178 1 #ST[s] OS[mm] it for cr3cm80N20ny4nu4itl1IS2r5Tl00
3827 3 90 39.2 165 1 #ST[s] OS[mm] it for cr3cm90N20ny4nu4itl1IS2r5Tl00
3828 3 100 39.2 166 1 #ST[s] OS[mm] it for cr3cm100N20ny4nu4itl1IS2r5Tl00
3829 4 10 22.8 56 1 #ST[s] OS[mm] it for cr4cm10N20ny4nu4itl1IS2r5Tl00
3830 4 20 22.7 74 1 #ST[s] OS[mm] it for cr4cm20N20ny4nu4itl1IS2r5Tl00
3831 4 30 22.1 82 1 #ST[s] OS[mm] it for cr4cm30N20ny4nu4itl1IS2r5Tl00
3832 4 40 22.8 84 1 #ST[s] OS[mm] it for cr4cm40N20ny4nu4itl1IS2r5Tl00
3833 4 50 23.1 57 1 #ST[s] OS[mm] it for cr4cm50N20ny4nu4itl1IS2r5Tl00
3834 4 60 22.4 87 1 #ST[s] OS[mm] it for cr4cm60N20ny4nu4itl1IS2r5Tl00
3835 4 70 23.9 37 1 #ST[s] OS[mm] it for cr4cm70N20ny4nu4itl1IS2r5Tl00
3836 4 80 40.6 189 1 #ST[s] OS[mm] it for cr4cm80N20ny4nu4itl1IS2r5Tl00
3837 4 90 47.0 214 1 #ST[s] OS[mm] it for cr4cm90N20ny4nu4itl1IS2r5Tl00
3838 4 100 43.9 231 1 #ST[s] OS[mm] it for cr4cm100N20ny4nu4itl1IS2r5Tl00
3839 5 10 23.2 51 1 #ST[s] OS[mm] it for cr5cm10N20ny4nu4itl1IS2r5Tl00
3840 5 20 21.9 68 1 #ST[s] OS[mm] it for cr5cm20N20ny4nu4itl1IS2r5Tl00
3841 5 30 23.5 115 1 #ST[s] OS[mm] it for cr5cm30N20ny4nu4itl1IS2r5Tl00
3842 5 40 23.3 45 1 #ST[s] OS[mm] it for cr5cm40N20ny4nu4itl1IS2r5Tl00
3843 5 50 25.1 121 1 #ST[s] OS[mm] it for cr5cm50N20ny4nu4itl1IS2r5Tl00
3844 5 60 21.8 81 1 #ST[s] OS[mm] it for cr5cm60N20ny4nu4itl1IS2r5Tl00
3845 5 70 22.7 59 1 #ST[s] OS[mm] it for cr5cm70N20ny4nu4itl1IS2r5Tl00
3846 5 80 21.8 73 1 #ST[s] OS[mm] it for cr5cm80N20ny4nu4itl1IS2r5Tl00
3847 5 90 38.3 206 1 #ST[s] OS[mm] it for cr5cm90N20ny4nu4itl1IS2r5Tl00
3848 5 100 38.8 161 1 #ST[s] OS[mm] it for cr5cm100N20ny4nu4itl1IS2r5Tl00
3849 6 10 22.9 62 1 #ST[s] OS[mm] it for cr6cm10N20ny4nu4itl1IS2r5Tl00
3850 6 20 22.5 55 1 #ST[s] OS[mm] it for cr6cm20N20ny4nu4itl1IS2r5Tl00
3851 6 30 22.2 55 1 #ST[s] OS[mm] it for cr6cm30N20ny4nu4itl1IS2r5Tl00
3852 6 40 21.3 73 1 #ST[s] OS[mm] it for cr6cm40N20ny4nu4itl1IS2r5Tl00
3853 6 50 21.3 109 1 #ST[s] OS[mm] it for cr6cm50N20ny4nu4itl1IS2r5Tl00
3854 6 60 23.2 52 1 #ST[s] OS[mm] it for cr6cm60N20ny4nu4itl1IS2r5Tl00
3855 6 70 24.1 33 1 #ST[s] OS[mm] it for cr6cm70N20ny4nu4itl1IS2r5Tl00
3856 6 80 24.2 203 1 #ST[s] OS[mm] it for cr6cm80N20ny4nu4itl1IS2r5Tl00
3857 6 90 23.2 41 1 #ST[s] OS[mm] it for cr6cm90N20ny4nu4itl1IS2r5Tl00
3858 6 100 22.5 51 1 #ST[s] OS[mm] it for cr6cm100N20ny4nu4itl1IS2r5Tl00
3859 7 10 22.6 73 1 #ST[s] OS[mm] it for cr7cm10N20ny4nu4itl1IS2r5Tl00
3860 7 20 22.7 45 1 #ST[s] OS[mm] it for cr7cm20N20ny4nu4itl1IS2r5Tl00
3861 7 30 21.4 95 1 #ST[s] OS[mm] it for cr7cm30N20ny4nu4itl1IS2r5Tl00
3862 7 40 21.4 57 1 #ST[s] OS[mm] it for cr7cm40N20ny4nu4itl1IS2r5Tl00
3863 7 50 35.4 140 1 #ST[s] OS[mm] it for cr7cm50N20ny4nu4itl1IS2r5Tl00
3864 7 60 21.0 68 1 #ST[s] OS[mm] it for cr7cm60N20ny4nu4itl1IS2r5Tl00
3865 7 70 34.3 116 1 #ST[s] OS[mm] it for cr7cm70N20ny4nu4itl1IS2r5Tl00
3866 7 80 36.4 215 1 #ST[s] OS[mm] it for cr7cm80N20ny4nu4itl1IS2r5Tl00
3867 7 90 22.3 97 1 #ST[s] OS[mm] it for cr7cm90N20ny4nu4itl1IS2r5Tl00
3868 7 100 44.9 166 1 #ST[s] OS[mm] it for cr7cm100N20ny4nu4itl1IS2r5Tl00
3869 8 10 22.0 79 1 #ST[s] OS[mm] it for cr8cm10N20ny4nu4itl1IS2r5Tl00
3870 8 20 22.9 50 1 #ST[s] OS[mm] it for cr8cm20N20ny4nu4itl1IS2r5Tl00
3871 8 30 22.53 1 #ST[s] OS[mm] it for cr8cm30N20ny4nu4itl1IS2r5Tl00
3872 8 40 20.2 84 1 #ST[s] OS[mm] it for cr8cm40N20ny4nu4itl1IS2r5Tl00
3873 8 50 22.5 67 1 #ST[s] OS[mm] it for cr8cm50N20ny4nu4itl1IS2r5Tl00
3874 8 60 22.5 37 1 #ST[s] OS[mm] it for cr8cm60N20ny4nu4itl1IS2r5Tl00
3875 8 70 20.8 74 1 #ST[s] OS[mm] it for cr8cm70N20ny4nu4itl1IS2r5Tl00
3876 8 80 37.5 218 1 #ST[s] OS[mm] it for cr8cm80N20ny4nu4itl1IS2r5Tl00
3877 8 90 33.0 105 1 #ST[s] OS[mm] it for cr8cm90N20ny4nu4itl1IS2r5Tl00
3878 8 100 31.6 34 1 #ST[s] OS[mm] it for cr8cm100N20ny4nu4itl1IS2r5Tl00
3879 9 10 22.4 80 1 #ST[s] OS[mm] it for cr9cm10N20ny4nu4itl1IS2r5Tl00
3880 9 20 22.1 82 1 #ST[s] OS[mm] it for cr9cm20N20ny4nu4itl1IS2r5Tl00
3881 9 30 32.5 62 1 #ST[s] OS[mm] it for cr9cm30N20ny4nu4itl1IS2r5Tl00
3882 9 40 36.5 174 1 #ST[s] OS[mm] it for cr9cm40N20ny4nu4itl1IS2r5Tl00
3883 9 50 37.1 200 1 #ST[s] OS[mm] it for cr9cm50N20ny4nu4itl1IS2r5Tl00
3884 9 60 32.2 110 1 #ST[s] OS[mm] it for cr9cm60N20ny4nu4itl1IS2r5Tl00
3885 9 70 23.4 50 1 #ST[s] OS[mm] it for cr9cm70N20ny4nu4itl1IS2r5Tl00
3886 9 80 22.9 55 1 #ST[s] OS[mm] it for cr9cm80N20ny4nu4itl1IS2r5Tl00
3887 9 90 22.5 47 1 #ST[s] OS[mm] it for cr9cm90N20ny4nu4itl1IS2r5Tl00
3888 9 100 22.6 69 1 #ST[s] OS[mm] it for cr9cm100N20ny4nu4itl1IS2r5Tl00
3889 10 10 22.8 96 1 #ST[s] OS[mm] it for cr10cm10N20ny4nu4itl1IS2r5Tl00
3890 10 20 22.8 60 1 #ST[s] OS[mm] it for cr10cm20N20ny4nu4itl1IS2r5Tl00
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3891 10 30 23.2 45 1 #ST[s] OS[mm] it for cr10cm30N20ny4nu4itl1IS2r5Tl00
3892 10 40 32.2 110 1 #ST[s] OS[mm] it for cr10cm40N20ny4nu4itl1IS2r5Tl00
3893 10 50 21.0 64 1 #ST[s] OS[mm] it for cr10cm50N20ny4nu4itl1IS2r5Tl00
3894 10 60 21.5 82 1 #ST[s] OS[mm] it for cr10cm60N20ny4nu4itl1IS2r5Tl00
3895 10 70 22.9 48 1 #ST[s] OS[mm] it for cr10cm70N20ny4nu4itl1IS2r5Tl00
3896 10 80 21.5 77 1 #ST[s] OS[mm] it for cr10cm80N20ny4nu4itl1IS2r5Tl00
3897 10 90 23.3 18 1 #ST[s] OS[mm] it for cr10cm90N20ny4nu4itl1IS2r5Tl00
3898 10 100 22.1 74 1 #ST[s] OS[mm] it for cr10cm100N20ny4nu4itl1IS2r5Tl00
3899 #26.26 81.0 #Mean ST OS
3900 EOF
3901 f=$d/sumST-$S[N]a${f2,d,cat cat $f[awk 'BEGIN {V1=V2=V3=0}; {ml=26.26;m2=81.0;el=$3-ml;e2=$4-m2;V1
+=(e1*el);V2+=(e2*e2);V3+=($4*V1+n++}; END{printf("#%g %g (%g) #Mean and std of ST and OS\n",ml,sqrt(V1
/n),m2,sqrt(V2/n),sqrt(V3/n));}'
3902 #26.26 7.316 81.55.8325 (97.7403) #Mean and std of ST and OS for f2
3903
3904 f=$d/sumST-$S[N]a${f3,d,cat cat $f<<EOF
3905 1 10 19.6 10 1 #ST[s] OS[mm] it for cr1cm10N20ny4nu4itl1IS2r5Tl00
3906 1 20 18.6 28 1 #ST[s] OS[mm] it for cr1cm20N20ny4nu4itl1IS2r5Tl00
3907 1 30 18.2 65 1 #ST[s] OS[mm] it for cr1cm30N20ny4nu4itl1IS2r5Tl00
3908 1 40 18.2 17 1 #ST[s] OS[mm] it for cr1cm40N20ny4nu4itl1IS2r5Tl00
3909 1 50 22.9 100 1 #ST[s] OS[mm] it for cr1cm50N20ny4nu4itl1IS2r5Tl00
3910 1 60 18.3 99 1 #ST[s] OS[mm] it for cr1cm60N20ny4nu4itl1IS2r5Tl00
3911 1 70 18.6 57 1 #ST[s] OS[mm] it for cr1cm70N20ny4nu4itl1IS2r5Tl00
3912 1 80 25.9 123 1 #ST[s] OS[mm] it for cr1cm80N20ny4nu4itl1IS2r5Tl00
3913 1 90 19.0 79 1 #ST[s] OS[mm] it for cr1cm90N20ny4nu4itl1IS2r5Tl00
3914 1 100 27.0 152 1 #ST[s] OS[mm] it for cr1cm100N20ny4nu4itl1IS2r5Tl00
3915 2 10 19.5 12 1 #ST[s] OS[mm] it for cr2cm10N20ny4nu4itl1IS2r5Tl00
3916 2 20 18.5 9 1 #ST[s] OS[mm] it for cr2cm20N20ny4nu4itl1IS2r5Tl00
3917 2 30 17.7 77 1 #ST[s] OS[mm] it for cr2cm30N20ny4nu4itl1IS2r5Tl00
3918 2 40 19.2 35 1 #ST[s] OS[mm] it for cr2cm40N20ny4nu4itl1IS2r5Tl00
3919 2 50 19.0 0 1 #ST[s] OS[mm] it for cr2cm50N20ny4nu4itl1IS2r5Tl00
3920 2 60 19.4 14 1 #ST[s] OS[mm] it for cr2cm60N20ny4nu4itl1IS2r5Tl00
3921 2 70 19.1 67 1 #ST[s] OS[mm] it for cr2cm70N20ny4nu4itl1IS2r5Tl00
3922 2 80 19.3 64 1 #ST[s] OS[mm] it for cr2cm80N20ny4nu4itl1IS2r5Tl00
3923 2 90 24.7 104 1 #ST[s] OS[mm] it for cr2cm90N20ny4nu4itl1IS2r5Tl00
3924 2 100 19.5 82 1 #ST[s] OS[mm] it for cr2cm100N20ny4nu4itl1IS2r5Tl00
3925 3 10 21.5 0 1 #ST[s] OS[mm] it for cr3cm10N20ny4nu4itl1IS2r5Tl00
3926 3 20 21.5 0 1 #ST[s] OS[mm] it for cr3cm20N20ny4nu4itl1IS2r5Tl00
3927 3 30 20.3 0 1 #ST[s] OS[mm] it for cr3cm30N20ny4nu4itl1IS2r5Tl00
3928 3 40 19.3 33 1 #ST[s] OS[mm] it for cr3cm40N20ny4nu4itl1IS2r5Tl00
3929 3 50 18.5 52 1 #ST[s] OS[mm] it for cr3cm50N20ny4nu4itl1IS2r5Tl00
3930 3 60 18.3 84 1 #ST[s] OS[mm] it for cr3cm60N20ny4nu4itl1IS2r5Tl00
3931 3 70 18.6 89 1 #ST[s] OS[mm] it for cr3cm70N20ny4nu4itl1IS2r5Tl00
3932 3 80 18.2 96 1 #ST[s] OS[mm] it for cr3cm80N20ny4nu4itl1IS2r5Tl00
3933 3 90 18.8 71 1 #ST[s] OS[mm] it for cr3cm90N20ny4nu4itl1IS2r5Tl00
3934 3 100 24.2 102 1 #ST[s] OS[mm] it for cr3cm100N20ny4nu4itl1IS2r5Tl00
3935 4 10 18.2 31 1 #ST[s] OS[mm] it for cr4cm10N20ny4nu4itl1IS2r5Tl00
3936 4 20 19.6 2 1 #ST[s] OS[mm] it for cr4cm20N20ny4nu4itl1IS2r5Tl00
3937 4 30 19.1 26 1 #ST[s] OS[mm] it for cr4cm30N20ny4nu4itl1IS2r5Tl00
3938 4 40 19.1 48 1 #ST[s] OS[mm] it for cr4cm40N20ny4nu4itl1IS2r5Tl00
3939 4 50 18.8 73 1 #ST[s] OS[mm] it for cr4cm50N20ny4nu4itl1IS2r5Tl00
3940 4 60 19.5 26 1 #ST[s] OS[mm] it for cr4cm60N20ny4nu4itl1IS2r5Tl00
3941 4 70 19.2 73 1 #ST[s] OS[mm] it for cr4cm70N20ny4nu4itl1IS2r5Tl00
3942 4 80 19.4 39 1 #ST[s] OS[mm] it for cr4cm80N20ny4nu4itl1IS2r5Tl00
3943 4 90 25.2 111 1 #ST[s] OS[mm] it for cr4cm90N20ny4nu4itl1IS2r5Tl00
3944 4 100 25.8 123 1 #ST[s] OS[mm] it for cr4cm100N20ny4nu4itl1IS2r5Tl00
3945 5 10 19.1 8 1 #ST[s] OS[mm] it for cr5cm10N20ny4nu4itl1IS2r5Tl00
3946 5 20 18.3 13 1 #ST[s] OS[mm] it for cr5cm20N20ny4nu4itl1IS2r5Tl00
3947 5 30 20.5 0 1 #ST[s] OS[mm] it for cr5cm30N20ny4nu4itl1IS2r5Tl00
3948 5 40 20.4 0 1 #ST[s] OS[mm] it for cr5cm40N20ny4nu4itl1IS2r5Tl00
3949 5 50 19.3 0 1 #ST[s] OS[mm] it for cr5cm50N20ny4nu4itl1IS2r5Tl00
3950 5 60 18.9 27 1 #ST[s] OS[mm] it for cr5cm60N20ny4nu4itl1IS2r5Tl00
3951 5 70 18.5 89 1 #ST[s] OS[mm] it for cr5cm70N20ny4nu4itl1IS2r5Tl00
3952 5 80 18.7 84 1 #ST[s] OS[mm] it for cr5cm80N20ny4nu4itl1IS2r5Tl00
3953 5 90 19.0 71 1 #ST[s] OS[mm] it for cr5cm90N20ny4nu4itl1IS2r5Tl00
3954 5 100 19.0 65 1 #ST[s] OS[mm] it for cr5cm100N20ny4nu4itl1IS2r5Tl00
3955 6 10 20.0 1 1 #ST[s] OS[mm] it for cr6cm10N20ny4nu4itl1IS2r5Tl00
3956 6 20 17.8 51 1 #ST[s] OS[mm] it for cr6cm20N20ny4nu4itl1IS2r5Tl00
3957 6 30 19.1 9 1 #ST[s] OS[mm] it for cr6cm30N20ny4nu4itl1IS2r5Tl00
3958 6 40 19.6 14 1 #ST[s] OS[mm] it for cr6cm40N20ny4nu4itl1IS2r5Tl00
3959 6 50 20.0 0 1 #ST[s] OS[mm] it for cr6cm50N20ny4nu4itl1IS2r5Tl00
3960 6 60 18.5 93 1 #ST[s] OS[mm] it for cr6cm60N20ny4nu4itl1IS2r5Tl00
3961 6 70 18.5 57 1 #ST[s] OS[mm] it for cr6cm70N20ny4nu4itl1IS2r5Tl00
3962 6 80 19.2 21 1 #ST[s] OS[mm] it for cr6cm80N20ny4nu4itl1IS2r5Tl00
3963 6 90 18.9 66 1 #ST[s] OS[mm] it for cr6cm90N20ny4nu4itl1IS2r5Tl00
3964 6 100 18.5 84 1 #ST[s] OS[mm] it for cr6cm100N20ny4nu4itl1IS2r5Tl00
3965 7 10 19.4 9 1 #ST[s] OS[mm] it for cr7cm10N20ny4nu4itl1IS2r5Tl00
3966 7 20 18.5 21 1 #ST[s] OS[mm] it for cr7cm20N20ny4nu4itl1IS2r5Tl00
3967 7 30 19.4 6 1 #ST[s] OS[mm] it for cr7cm30N20ny4nu4itl1IS2r5Tl00
3968 7 40 18.9 36 1 #ST[s] OS[mm] it for cr7cm40N20ny4nu4itl1IS2r5Tl00
3969 7 50 20.0 0 1 #ST[s] OS[mm] it for cr7cm50N20ny4nu4itl1IS2r5Tl00
3970 7 60 19.8 0 1 #ST[s] OS[mm] it for cr7cm60N20ny4nu4itl1IS2r5Tl00
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3971 7 70 19.5 10 1 #ST[s] OS[mm] it for cr7cm70N20ny4nu4it1lIS2r5Tl00
3972 7 80 19.4 42 1 #ST[s] OS[mm] it for cr7cm80N20ny4nu4it1lIS2r5Tl00
3973 7 90 19.3 64 1 #ST[s] OS[mm] it for cr7cm90N20ny4nu4it1lIS2r5Tl00
3974 7 100 18.9 78 1 #ST[s] OS[mm] it for cr7cm100N20ny4nu4it1lIS2r5Tl00
3975 8 10 20.1 4 1 #ST[s] OS[mm] it for cr8cm10N20ny4nu4it1lIS2r5Tl00
3976 8 20 19.1 4 1 #ST[s] OS[mm] it for cr8cm20N20ny4nu4it1lIS2r5Tl00
3977 8 30 19.5 1 1 #ST[s] OS[mm] it for cr8cm30N20ny4nu4it1lIS2r5Tl00
3978 8 40 20 1 0 1 #ST[s] OS[mm] it for cr8cm40N20ny4nu4it1lIS2r5Tl00
3979 8 50 18.9 0 1 #ST[s] OS[mm] it for cr8cm50N20ny4nu4it1lIS2r5Tl00
3980 8 60 19.5 0 1 #ST[s] OS[mm] it for cr8cm60N20ny4nu4it1lIS2r5Tl00
3981 8 70 18.5 50 1 #ST[s] OS[mm] it for cr8cm70N20ny4nu4it1lIS2r5Tl00
3982 8 80 18.6 74 1 #ST[s] OS[mm] it for cr8cm80N20ny4nu4it1lIS2r5Tl00
3983 8 90 24.3 138 1 #ST[s] OS[mm] it for cr8cm90N20ny4nu4it1lIS2r5Tl00
3984 8 100 18.8 51 1 #ST[s] OS[mm] it for cr9cm10N20ny4nu4it1lIS2r5Tl00
3985 9 10 22.2 6 1 #ST[s] OS[mm] it for cr9cm20N20ny4nu4it1lIS2r5Tl00
3986 9 20 21.8 0 1 #ST[s] OS[mm] it for cr9cm30N20ny4nu4it1lIS2r5Tl00
3987 9 30 19.8 5 1 #ST[s] OS[mm] it for cr9cm40N20ny4nu4it1lIS2r5Tl00
3988 9 40 20.6 0 1 #ST[s] OS[mm] it for cr9cm50N20ny4nu4it1lIS2r5Tl00
3989 9 50 19.6 0 1 #ST[s] OS[mm] it for cr9cm60N20ny4nu4it1lIS2r5Tl00
3990 9 60 18.7 57 1 #ST[s] OS[mm] it for cr9cm70N20ny4nu4it1lIS2r5Tl00
3991 9 70 18.9 0 1 #ST[s] OS[mm] it for cr9cm80N20ny4nu4it1lIS2r5Tl00
3992 9 80 18.9 39 1 #ST[s] OS[mm] it for cr9cm90N20ny4nu4it1lIS2r5Tl00
3993 9 90 18.5 71 1 #ST[s] OS[mm] it for cr9cm100N20ny4nu4it1lIS2r5Tl00
3994 9 100 18.8 88 1 #ST[s] OS[mm] it for cr9cm100N20ny4nu4it1lIS2r5Tl00
3995 10 10 18.9 8 1 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it1lIS2r5Tl00
3996 10 20 17.3 28 1 #ST[s] OS[mm] it for cr10cm20N20ny4nu4it1lIS2r5Tl00
3997 10 30 17.9 7 1 #ST[s] OS[mm] it for cr10cm30N20ny4nu4it1lIS2r5Tl00
3998 10 40 19.8 7 1 #ST[s] OS[mm] it for cr10cm40N20ny4nu4it1lIS2r5Tl00
3999 10 50 19.0 29 1 #ST[s] OS[mm] it for cr10cm50N20ny4nu4it1lIS2r5Tl00
4000 10 60 19.1 32 1 #ST[s] OS[mm] it for cr10cm60N20ny4nu4it1lIS2r5Tl00
4001 10 70 19.6 21 1 #ST[s] OS[mm] it for cr10cm70N20ny4nu4it1lIS2r5Tl00
4002 10 80 19.0 17 1 #ST[s] OS[mm] it for cr10cm80N20ny4nu4it1lIS2r5Tl00
4003 10 90 19.0 56 1 #ST[s] OS[mm] it for cr10cm90N20ny4nu4it1lIS2r5Tl00
4004 10 100 26.6 179 1 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it1lIS2r5Tl00
4005 #19.7 72 42.5 #Mean ST OS
4006 EOP
4007 f=$d/sumST-$N[a]a[f3.dat:cat $f|awk 'BEGIN {V1=V2=V3=a=0.}' [ml=19.72;md=42.5;el=$3-ml:e2=$4-md:2;V1
+=(e1*el);V2+=(e2*e2);V3+=($4+$4;n++)' END{printf("#%g %g %g (%g) #Mean and std of ST and OS\n",ml,sqrt(V1
/n),m2,sqrt(V2/n),sqrt(V3/n))}';
4008 #19.7 2.74128 42.5 40.6386 (58.5265) #Mean and std of ST and OS for f3
4009
4010 f=$d/sumST-$N[a]a[f4.dat:cat:$f<BOF
4011 1 10 23.6 33 1 #ST[s] OS[mm] it for cr1cm10N20ny4nu4it1lIS2r5Tl00
4012 1 20 24.4 1 #ST[s] OS[mm] it for cr1cm20N20ny4nu4it1lIS2r5Tl00
4013 1 30 25.6 4 1 #ST[s] OS[mm] it for cr1cm30N20ny4nu4it1lIS2r5Tl00
4014 1 40 27.6 3 1 #ST[s] OS[mm] it for cr1cm40N20ny4nu4it1lIS2r5Tl00
4015 1 50 28.8 2 1 #ST[s] OS[mm] it for cr1cm50N20ny4nu4it1lIS2r5Tl00
4016 1 60 29.6 3 1 #ST[s] OS[mm] it for cr1cm60N20ny4nu4it1lIS2r5Tl00
4017 1 70 29.8 2 1 #ST[s] OS[mm] it for cr1cm70N20ny4nu4it1lIS2r5Tl00
4018 1 80 31.0 2 1 #ST[s] OS[mm] it for cr1cm80N20ny4nu4it1lIS2r5Tl00
4019 1 90 29.9 5 1 #ST[s] OS[mm] it for cr1cm90N20ny4nu4it1lIS2r5Tl00
4020 1 100 30.3 1 1 #ST[s] OS[mm] it for cr1cm100N20ny4nu4it1lIS2r5Tl00
4021 2 10 23.5 31 1 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it1lIS2r5Tl00
4022 2 20 23.9 10 1 #ST[s] OS[mm] it for cr2cm20N20ny4nu4it1lIS2r5Tl00
4023 2 30 26.1 4 1 #ST[s] OS[mm] it for cr2cm30N20ny4nu4it1lIS2r5Tl00
4024 2 40 25.3 3 1 #ST[s] OS[mm] it for cr2cm40N20ny4nu4it1lIS2r5Tl00
4025 2 50 25.3 9 1 #ST[s] OS[mm] it for cr2cm50N20ny4nu4it1lIS2r5Tl00
4026 2 60 29.5 2 1 #ST[s] OS[mm] it for cr2cm60N20ny4nu4it1lIS2r5Tl00
4027 2 70 29.5 3 1 #ST[s] OS[mm] it for cr2cm70N20ny4nu4it1lIS2r5Tl00
4028 2 80 28.8 2 1 #ST[s] OS[mm] it for cr2cm80N20ny4nu4it1lIS2r5Tl00
4029 2 90 28.8 3 1 #ST[s] OS[mm] it for cr2cm90N20ny4nu4it1lIS2r5Tl00
4030 2 100 28.3 2 1 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it1lIS2r5Tl00
4031 3 10 23.2 35 1 #ST[s] OS[mm] it for cr3cm10N20ny4nu4it1lIS2r5Tl00
4032 3 20 24.6 14 1 #ST[s] OS[mm] it for cr3cm20N20ny4nu4it1lIS2r5Tl00
4033 3 30 26.3 5 1 #ST[s] OS[mm] it for cr3cm30N20ny4nu4it1lIS2r5Tl00
4034 3 40 27.6 4 1 #ST[s] OS[mm] it for cr3cm40N20ny4nu4it1lIS2r5Tl00
4035 3 50 26.3 4 1 #ST[s] OS[mm] it for cr3cm50N20ny4nu4it1lIS2r5Tl00
4036 3 60 31.9 5 1 #ST[s] OS[mm] it for cr3cm60N20ny4nu4it1lIS2r5Tl00
4037 3 70 29.5 2 1 #ST[s] OS[mm] it for cr3cm70N20ny4nu4it1lIS2r5Tl00
4038 3 80 29.4 6 1 #ST[s] OS[mm] it for cr3cm80N20ny4nu4it1lIS2r5Tl00
4039 3 90 32.0 4 1 #ST[s] OS[mm] it for cr3cm90N20ny4nu4it1lIS2r5Tl00
4040 3 100 32.0 3 1 #ST[s] OS[mm] it for cr3cm100N20ny4nu4it1lIS2r5Tl00
4041 4 10 23.1 18 1 #ST[s] OS[mm] it for cr4cm10N20ny4nu4it1lIS2r5Tl00
4042 4 20 25.3 12 1 #ST[s] OS[mm] it for cr4cm20N20ny4nu4it1lIS2r5Tl00
4043 4 30 27.4 7 1 #ST[s] OS[mm] it for cr4cm30N20ny4nu4it1lIS2r5Tl00
4044 4 40 29.4 7 1 #ST[s] OS[mm] it for cr4cm40N20ny4nu4it1lIS2r5Tl00
4045 4 50 26.3 6 1 #ST[s] OS[mm] it for cr4cm50N20ny4nu4it1lIS2r5Tl00
4046 4 60 28.4 4 1 #ST[s] OS[mm] it for cr4cm60N20ny4nu4it1lIS2r5Tl00
4047 4 70 28.9 9 1 #ST[s] OS[mm] it for cr4cm70N20ny4nu4it1lIS2r5Tl00
4048 4 80 28.0 3 1 #ST[s] OS[mm] it for cr4cm80N20ny4nu4it1lIS2r5Tl00
4049 4 90 28.0 3 1 #ST[s] OS[mm] it for cr4cm90N20ny4nu4it1lIS2r5Tl00
4050 4 100 28.0 1 1 #ST[s] OS[mm] it for cr4cm100N20ny4nu4it1lIS2r5Tl00
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4051 5 10 23.9 29 1 #ST[s] OS[mm] it for cr5cm10N20ny4nu4it1lIS2r5Tl00
4052 5 20 24.2 20 1 #ST[s] OS[mm] it for cr5cm20N20ny4nu4it1lIS2r5Tl00
4053 5 30 25.5 16 1 #ST[s] OS[mm] it for cr5cm30N20ny4nu4it1lIS2r5Tl00
4054 5 40 29.1 6 1 #ST[s] OS[mm] it for cr5cm40N20ny4nu4it1lIS2r5Tl00
4055 5 50 26.5 9 1 #ST[s] OS[mm] it for cr5cm50N20ny4nu4it1lIS2r5Tl00
4056 5 60 26.8 7 1 #ST[s] OS[mm] it for cr5cm60N20ny4nu4it1lIS2r5Tl00
4057 5 70 27.9 4 1 #ST[s] OS[mm] it for cr5cm70N20ny4nu4it1lIS2r5Tl00
4058 5 80 29.4 4 1 #ST[s] OS[mm] it for cr5cm80N20ny4nu4it1lIS2r5Tl00
4059 5 90 27.6 4 1 #ST[s] OS[mm] it for cr5cm90N20ny4nu4it1lIS2r5Tl00
4060 5 100 32.7 3 1 #ST[s] OS[mm] it for cr5cm100N20ny4nu4it1lIS2r5Tl00
4061 6 10 23.6 21 1 #ST[s] OS[mm] it for cr6cm10N20ny4nu4it1lIS2r5Tl00
4062 6 20 26.2 23 1 #ST[s] OS[mm] it for cr6cm20N20ny4nu4it1lIS2r5Tl00
4063 6 30 24.5 22 1 #ST[s] OS[mm] it for cr6cm30N20ny4nu4it1lIS2r5Tl00
4064 6 40 26.0 12 1 #ST[s] OS[mm] it for cr6cm40N20ny4nu4it1lIS2r5Tl00
4065 6 50 27.2 8 1 #ST[s] OS[mm] it for cr6cm50N20ny4nu4it1lIS2r5Tl00
4066 6 60 27.2 9 1 #ST[s] OS[mm] it for cr6cm60N20ny4nu4it1lIS2r5Tl00
4067 6 70 26.7 9 1 #ST[s] OS[mm] it for cr6cm70N20ny4nu4it1lIS2r5Tl00
4068 6 80 25.7 23 1 #ST[s] OS[mm] it for cr6cm80N20ny4nu4it1lIS2r5Tl00
4069 6 90 28.5 5 1 #ST[s] OS[mm] it for cr6cm90N20ny4nu4it1lIS2r5Tl00
4070 6 100 28.3 7 1 #ST[s] OS[mm] it for cr6cm100N20ny4nu4it1lIS2r5Tl00
4071 7 10 23.8 27 1 #ST[s] OS[mm] it for cr7cm10N20ny4nu4it1lIS2r5Tl00
4072 7 20 23.8 42 1 #ST[s] OS[mm] it for cr7cm20N20ny4nu4it1lIS2r5Tl00
4073 7 30 24.5 18 1 #ST[s] OS[mm] it for cr7cm30N20ny4nu4it1lIS2r5Tl00
4074 7 40 25.4 14 1 #ST[s] OS[mm] it for cr7cm40N20ny4nu4it1lIS2r5Tl00
4075 7 50 25.1 16 1 #ST[s] OS[mm] it for cr7cm50N20ny4nu4it1lIS2r5Tl00
4076 7 60 27.7 14 1 #ST[s] OS[mm] it for cr7cm60N20ny4nu4it1lIS2r5Tl00
4077 7 70 28.6 5 1 #ST[s] OS[mm] it for cr7cm70N20ny4nu4it1lIS2r5Tl00
4078 7 80 27.5 6 1 #ST[s] OS[mm] it for cr7cm80N20ny4nu4it1lIS2r5Tl00
4079 7 90 26.4 14 1 #ST[s] OS[mm] it for cr7cm90N20ny4nu4it1lIS2r5Tl00
4080 7 100 29.9 3 1 #ST[s] OS[mm] it for cr7cm100N20ny4nu4it1lIS2r5Tl00
4081 8 10 23.4 50 1 #ST[s] OS[mm] it for cr8cm10N20ny4nu4it1lIS2r5Tl00
4082 8 20 26.4 9 1 #ST[s] OS[mm] it for cr8cm20N20ny4nu4it1lIS2r5Tl00
4083 8 30 25.2 23 1 #ST[s] OS[mm] it for cr8cm30N20ny4nu4it1lIS2r5Tl00
4084 8 40 26.3 15 1 #ST[s] OS[mm] it for cr8cm40N20ny4nu4it1lIS2r5Tl00
4085 8 50 26.4 13 1 #ST[s] OS[mm] it for cr8cm50N20ny4nu4it1lIS2r5Tl00
4086 8 60 25.2 23 1 #ST[s] OS[mm] it for cr8cm60N20ny4nu4it1lIS2r5Tl00
4087 8 70 27.9 4 1 #ST[s] OS[mm] it for cr8cm70N20ny4nu4it1lIS2r5Tl00
4088 8 80 28.1 13 1 #ST[s] OS[mm] it for cr8cm80N20ny4nu4it1lIS2r5Tl00
4089 8 90 27.3 7 1 #ST[s] OS[mm] it for cr8cm90N20ny4nu4it1lIS2r5Tl00
4090 8 100 23.8 14 1 #ST[s] OS[mm] it for cr8cm100N20ny4nu4it1lIS2r5Tl00
4091 9 10 22.4 53 1 #ST[s] OS[mm] it for cr9cm10N20ny4nu4it1lIS2r5Tl00
4092 9 20 25.5 9 1 #ST[s] OS[mm] it for cr9cm20N20ny4nu4it1lIS2r5Tl00
4093 9 30 25.8 7 1 #ST[s] OS[mm] it for cr9cm30N20ny4nu4it1lIS2r5Tl00
4094 9 40 25.6 14 1 #ST[s] OS[mm] it for cr9cm40N20ny4nu4it1lIS2r5Tl00
4095 9 50 26.7 13 1 #ST[s] OS[mm] it for cr9cm50N20ny4nu4it1lIS2r5Tl00
4096 9 60 28.2 11 1 #ST[s] OS[mm] it for cr9cm60N20ny4nu4it1lIS2r5Tl00
4097 9 70 25.0 19 1 #ST[s] OS[mm] it for cr9cm70N20ny4nu4it1lIS2r5Tl00
4098 9 80 28.2 9 1 #ST[s] OS[mm] it for cr9cm80N20ny4nu4it1lIS2r5Tl00
4099 9 90 28.9 8 1 #ST[s] OS[mm] it for cr9cm90N20ny4nu4it1lIS2r5Tl00
4100 9 100 25.9 9 1 #ST[s] OS[mm] it for cr9cm100N20ny4nu4it1lIS2r5Tl00
4101 10 10 24.2 23 1 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it1lIS2r5Tl00
4102 10 20 22.6 38 1 #ST[s] OS[mm] it for cr10cm20N20ny4nu4it1lIS2r5Tl00
4103 10 30 25.2 11 1 #ST[s] OS[mm] it for cr10cm30N20ny4nu4it1lIS2r5Tl00
4104 10 40 25.9 15 1 #ST[s] OS[mm] it for cr10cm40N20ny4nu4it1lIS2r5Tl00
4105 10 50 27.0 14 1 #ST[s] OS[mm] it for cr10cm50N20ny4nu4it1lIS2r5Tl00
4106 10 60 27.4 14 1 #ST[s] OS[mm] it for cr10cm60N20ny4nu4it1lIS2r5Tl00
4107 10 70 26.1 15 1 #ST[s] OS[mm] it for cr10cm70N20ny4nu4it1lIS2r5Tl00
4108 10 80 46.1 15 1 #ST[s] OS[mm] it for cr10cm80N20ny4nu4it1lIS2r5Tl00
4109 10 90 42.8 36 1 #ST[s] OS[mm] it for cr10cm90N20ny4nu4it1lIS2r5Tl00
4110 10 100 26.4 2 1 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it1lIS2r5Tl00
4111 #26.75 11.8 #Mean ST OS
4112 EOP
4113 f=$d/sumST-$N[a]a[f4.dat:cat $f|awk 'BEGIN {V1=V2=V3=a=0.}' [ml=26.75;md=11.8;el=$3-ml:e2=$4-md:2;V1
+=(e1*el);V2+=(e2*e2);V3+=($4+$4;n++)' END{printf("#%g %g %g (%g) #Mean and std of ST and OS for f4
/n),m2,sqrt(V2/n),sqrt(V3/n))}';
4114 #26.75 3.45831 11.8 10.7034 (15.8739) #Mean and std of ST and OS for f4
4115
4116 #####
4117 #f1:$f2:$f3:$f4 for Ne=20, fl below is also smallest OS
4118 34.4 0 1 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it1lIS2r5Tl00
4119 35.5 0 1 #ST[s] OS[mm] it for cr2cm5N20ny4nu4it1lIS2r5Tl00
4120 39.8 0 1 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it1lIS2r5Tl00
4121 36.5 0 1 #ST[s] OS[mm] it for cr6cm10N20ny4nu4it1lIS2r5Tl00
4122 39.1 0 1 #ST[s] OS[mm] it for cr6cm5N20ny4nu4it1lIS2r5Tl00
4123 42.1 0 1 #ST[s] OS[mm] it for cr6cm100N20ny4nu4it1lIS2r5Tl00
4124 30.5 0 1 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it1lIS2r5Tl00
4125 34.4 0 1 #ST[s] OS[mm] it for cr10cm5N20ny4nu4it1lIS2r5Tl00
4126 32.8 0 1 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it1lIS2r5Tl00
4127 36.12 0.0 #Mean Ne=20
4128 36.63 0.0 #Mean Ne=4
4129 36.30 0.0 #Mean Ne=7
4130 36.30 0.0 #Mean Ne=7
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4131 38.43 0.0 #Mean Ne=8
4132 37.31 0.0 #Mean Ne=9
4133 37.23 0.0 #Mean Ne=10
4134 35.81 0.0 #Mean Ne=19
4135 35.96 18.8 #Mean Ne=18
4136 38.87 0.0 #Mean Ne=15
4137 36.91 0.0 #Mean Ne=25
4138 #New7 below for high resolution
4139 ##### 30.5 33 1 #ST[s] OS[mm] it for cr6cm90N20ny4nu4it1iIS2r5Tl00
4140 #f1
4141 $f1 better than f1:f2:f3:f4 for cr2
4142 31.0 1 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it1iIS2r5Tl00
4143 24.7 0 1 #ST[s] OS[mm] it for cr2cm5N20ny4nu4it1iIS2r5Tl00
4144 35.4 0 1 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it1iIS2r5Tl00
4145 32.8 0 1 #ST[s] OS[mm] it for cr6cm10N20ny4nu4it1iIS2r5Tl00
4146 31.0 1 #ST[s] OS[mm] it for cr6cm5N20ny4nu4it1iIS2r5Tl00
4147 35.1 0 1 #ST[s] OS[mm] it for cr6cm10N20ny4nu4it1iIS2r5Tl00
4148 34.4 0 1 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it1iIS2r5Tl00
4149 35.6 0 1 #ST[s] OS[mm] it for cr10cm5N20ny4nu4it1iIS2r5Tl00
4150 33.5 0 1 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it1iIS2r5Tl00
4151 32.61 0 1
4152 #f2
4153 42.7 0 1 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it1iIS2r5Tl00
4154 47.3 0 1 #ST[s] OS[mm] it for cr2cm5N20ny4nu4it1iIS2r5Tl00
4155 42.6 0 1 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it1iIS2r5Tl00
4156 45.6 0 1 #ST[s] OS[mm] it for cr6cm10N20ny4nu4it1iIS2r5Tl00
4157 50.1 0 1 #ST[s] OS[mm] it for cr6cm5N20ny4nu4it1iIS2r5Tl00
4158 56.4 0 1 #ST[s] OS[mm] it for cr6cm10N20ny4nu4it1iIS2r5Tl00
4159 45.0 2 1 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it1iIS2r5Tl00
4160 35.9 0 1 #ST[s] OS[mm] it for cr10cm5N20ny4nu4it1iIS2r5Tl00
4161 46.1 0 1 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it1iIS2r5Tl00
4162 #f3
4163 40.2 5 1 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it1iIS2r5Tl00
4164 37.4 5 1 #ST[s] OS[mm] it for cr2cm5N20ny4nu4it1iIS2r5Tl00
4165 43.3 0 1 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it1iIS2r5Tl00
4166 37.6 1 #ST[s] OS[mm] it for cr6cm10N20ny4nu4it1iIS2r5Tl00
4167 39.2 1 1 #ST[s] OS[mm] it for cr6cm5N20ny4nu4it1iIS2r5Tl00
4168 41.4 8 1 #ST[s] OS[mm] it for cr6cm10N20ny4nu4it1iIS2r5Tl00
4169 40.8 14 1 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it1iIS2r5Tl00
4170 38.1 0 1 #ST[s] OS[mm] it for cr10cm5N20ny4nu4it1iIS2r5Tl00
4171 38.9 3 1 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it1iIS2r5Tl00
4172 39.67 5.55
4173 #f4
4174 49.3 0 1 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it1iIS2r5Tl00
4175 69.3 0 1 #ST[s] OS[mm] it for cr2cm5N20ny4nu4it1iIS2r5Tl00
4176 55.2 0 1 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it1iIS2r5Tl00
4177 52.4 0 1 #ST[s] OS[mm] it for cr6cm10N20ny4nu4it1iIS2r5Tl00
4178 41.7 1 1 #ST[s] OS[mm] it for cr6cm5N20ny4nu4it1iIS2r5Tl00
4179 49.6 13 1 #ST[s] OS[mm] it for cr6cm10N20ny4nu4it1iIS2r5Tl00
4180 52.7 3 1 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it1iIS2r5Tl00
4181 43.6 1 1 #ST[s] OS[mm] it for cr10cm5N20ny4nu4it1iIS2r5Tl00
4182 -1.0 996 1 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it1iIS2r5Tl00
4183 51.725 112.66
4184 #BestST
4185 b1:N=20;a=0;id=-./mspdata/result/b$[b]
4186 f1:8d/net_cr2cm10N$[N]ny4nu4it1iIS2r5Tl00it10
4187 f2:8d/net_cr2cm10N$[N]ny4nu4it1iIS2r5Tl00it15
4188 f3:8d/net_cr10cm10N$[N]ny4nu4it1iIS2r5Tl00it15
4189 f4:8d/net_cr10cm10N$[N]ny4nu4it1iIS2r5Tl00it17
4190 rm listSS.dat;for cr in 1 2 3 4 5 6 7 8 9 10; do for cm in 10 20 30 40 50 60 70 80 90 100; do
4191 emulate_crane2 it:1 r15 cr:8cr cm:8cm cc:0.5 umax:10 tt:100 kxt:1 method:12:$N:$p:$a:0:$f1:$f2:$f3
4192 done;done;cat listSS.dat;cat listSS.dat [awk 'BEGIN {S1=S2=ns=0} {S1+=S1:S2+=S2;n++;} END{printf("%2f
%1f #Mean"/S1/n,S2/n)}',
4193 23.98 6.3 #Mean f1:f2:f3:f4 for cr in 1 2 3 4 5 6 7 8 9 10; do for cm in 10 20 30 40 50 60 70 80 90
100; do
4194 26.27 15.0 #Mean f1 for cr in 1 2 3 4 5 6 7 8 9 10; do for cm in 10 20 30 40 50 60 70 80 90 100; do
4195 26.86 81.0 #Mean f2 for cr in 1 2 3 4 5 6 7 8 9 10; do for cm in 10 20 30 40 50 60 70 80 90 100; do
4196 19.72 42.5 #Mean f3 for cr in 1 2 3 4 5 6 7 8 9 10; do for cm in 10 20 30 40 50 60 70 80 90 100; do
4197 26.75 11.8 #Mean f4 for cr in 1 2 3 4 5 6 7 8 9 10; do for cm in 10 20 30 40 50 60 70 80 90 100; do
4198 $f1:$f2:$f3:$f4 for N=20, f3 below is smallest ST
4199 21.3 15 1 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it1iIS2r5Tl00
4200 25.7 0 1 #ST[s] OS[mm] it for cr2cm5N20ny4nu4it1iIS2r5Tl00
4201 25.7 0 1 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it1iIS2r5Tl00
4202 23.2 2 1 #ST[s] OS[mm] it for cr6cm10N20ny4nu4it1iIS2r5Tl00
4203 23.2 2 1 #ST[s] OS[mm] it for cr6cm5N20ny4nu4it1iIS2r5Tl00
4204 25.7 1 1 #ST[s] OS[mm] it for cr6cm10N20ny4nu4it1iIS2r5Tl00
4205 23.0 33 1 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it1iIS2r5Tl00
4206 25.5 3 1 #ST[s] OS[mm] it for cr10cm5N20ny4nu4it1iIS2r5Tl00
4207 25.1 1 1 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it1iIS2r5Tl00
4208 24.12 8.0 #Mean Ne=20
4209 23.98 11.6 #Mean
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4210 23.-81 9.9 #Mean Ne=9
4211 24.21 9.1 #Mean Ne=8
4212 23.94 8.1 #Mean Ne=7
4213 23.57 7.1 #Mean Ne=6
4214 23.18 12.8 #Mean Ne=5
4215 23.-87 6.9 #Mean Ne=4
4216 #f1
4217 19.7 7 1 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it1iIS2r5Tl00
4218 24.3 0 1 #ST[s] OS[mm] it for cr2cm5N20ny4nu4it1iIS2r5Tl00
4219 22.2 3 1 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it1iIS2r5Tl00
4220 28.2 2 1 #ST[s] OS[mm] it for cr6cm10N20ny4nu4it1iIS2r5Tl00
4221 24.9 0 1 #ST[s] OS[mm] it for cr6cm5N20ny4nu4it1iIS2r5Tl00
4222 31.0 1 #ST[s] OS[mm] it for cr6cm10N20ny4nu4it1iIS2r5Tl00
4223 30.3 6 1 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it1iIS2r5Tl00
4224 31.9 1 #ST[s] OS[mm] it for cr10cm5N20ny4nu4it1iIS2r5Tl00
4225 30.5 5 1 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it1iIS2r5Tl00
4226 27.01 2.7 #Mean
4227 #f2
4228 23.-3 57 1 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it1iIS2r5Tl00
4229 22.2 41 1 #ST[s] OS[mm] it for cr2cm5N20ny4nu4it1iIS2r5Tl00
4230 22.5 5 1 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it1iIS2r5Tl00
4231 22.9 62 1 #ST[s] OS[mm] it for cr6cm10N20ny4nu4it1iIS2r5Tl00
4232 23.0 55 1 #ST[s] OS[mm] it for cr6cm5N20ny4nu4it1iIS2r5Tl00
4233 22.5 51 1 #ST[s] OS[mm] it for cr6cm10N20ny4nu4it1iIS2r5Tl00
4234 22.8 96 1 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it1iIS2r5Tl00
4235 20.7 92 1 #ST[s] OS[mm] it for cr10cm5N20ny4nu4it1iIS2r5Tl00
4236 22.1 74 1 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it1iIS2r5Tl00
4237 22.44 59.2 #Mean
4238 #f3
4239 19.5 12 1 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it1iIS2r5Tl00
4240 18.4 49 1 #ST[s] OS[mm] it for cr2cm5N20ny4nu4it1iIS2r5Tl00
4241 19.5 82 1 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it1iIS2r5Tl00
4242 20.0 1 1 #ST[s] OS[mm] it for cr6cm10N20ny4nu4it1iIS2r5Tl00
4243 20.2 0 1 #ST[s] OS[mm] it for cr6cm5N20ny4nu4it1iIS2r5Tl00
4244 18.5 84 1 #ST[s] OS[mm] it for cr6cm10N20ny4nu4it1iIS2r5Tl00
4245 18.9 8 1 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it1iIS2r5Tl00
4246 18.4 78 1 #ST[s] OS[mm] it for cr10cm5N20ny4nu4it1iIS2r5Tl00
4247 26.6 179 1 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it1iIS2r5Tl00
4248 20.00 94.8 #Mean
4249 #f4
4250 23.-5 31 1 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it1iIS2r5Tl00
4251 26.4 2 1 #ST[s] OS[mm] it for cr2cm5N20ny4nu4it1iIS2r5Tl00
4252 28.3 2 1 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it1iIS2r5Tl00
4253 23.-6 21 1 #ST[s] OS[mm] it for cr6cm10N20ny4nu4it1iIS2r5Tl00
4254 29.5 6 1 #ST[s] OS[mm] it for cr6cm5N20ny4nu4it1iIS2r5Tl00
4255 28.3 7 1 #ST[s] OS[mm] it for cr6cm10N20ny4nu4it1iIS2r5Tl00
4256 24.2 23 1 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it1iIS2r5Tl00
4257 27.4 12 1 #ST[s] OS[mm] it for cr10cm5N20ny4nu4it1iIS2r5Tl00
4258 26.4 2 1 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it1iIS2r5Tl00
4259 26.40 11.8 #Mean
4260
4261 #for ICONIP2012 nouse
4262 #(1) N=20
4263 b=10;N=20;a=0.7;for cr in 2 10; do for cm in 10 100; do
4264 make data-clean;date;time emulate_crane2 it:20:2 r15 cr:$cr cm:$cm cc:0.5 umax:10 tt:100 kxt:1 metho
d:12:$[N]:$[b]:$a:0 DISP:0 listSS:1 T:100 N2s:12 LAMBDA:0.01;date
4265 mkdir ../mspdata/mkdir ../mspdata/result/mkdir ../mspdata/result/b$[b]
../mspdata/result/b$[b]/
4266 mkdir ../mspdata/result/b$[b]icc/ #lis -R ../mspdata/result/b$[b]icc/
t+...mspdata/result/b$[b]icc/ #lis -R ../mspdata/result/b$[b]icc/
4267 cat listSS.dat;cmds=cat listSS.dat [awk 'BEGIN {v=le9} {if($1>0) {v=$2+$1*0.01; if(v<vm) {vm=v;v=$3+
1}} END {printf("head %d listSS.dat",-1)}}',recho -n "#BestOS:0.1str: ";&cmd | tail -1cmd=cat listSS.dat[a
wk 'BEGIN {v=le9} {if($1>0) {v=$1*0.1*$2; if(v<vm) {vm=v;v=$3+1}} END {printf("head %d listSS.dat",-1)}}',
recho -n "#BestST:0.101OS: ";&cmd | tail -1
4268 done;done
4269 -1.0 0 0 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it1iIS2r5Tl00
4270 99.-8 4907 1 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it1iIS2r5Tl00
4271 25.2 2 2 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it1iIS2r5Tl00
4272 22.2 32 3 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it1iIS2r5Tl00
4273 23.1 0 4 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it1iIS2r5Tl00
4274 25.3 11 5 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it1iIS2r5Tl00
4275 30.2 562 6 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it1iIS2r5Tl00
4276 30.1 212 7 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it1iIS2r5Tl00
4277 23.1 0 8 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it1iIS2r5Tl00
4278 30.4 0 9 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it1iIS2r5Tl00
4279 26.6 2 10 #ST[s] OS[mm] it for cr6cm10N20ny4nu4it1iIS2r5Tl00
4280 26.6 8 11 #ST[s] OS[mm] it for cr6cm5N20ny4nu4it1iIS2r5Tl00
4281 21.-2 6 12 #ST[s] OS[mm] it for cr6cm10N20ny4nu4it1iIS2r5Tl00
4282 26.7 0 13 #ST[s] OS[mm] it for cr6cm10N20ny4nu4it1iIS2r5Tl00
4283 18.-3 67 14 #ST[s] OS[mm] it for cr6cm10N20ny4nu4it1iIS2r5Tl00
4284 20.-6 1 15 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it1iIS2r5Tl00
4285 25.8 0 16 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it1iIS2r5Tl00
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4286 25.2 1 17 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
4287 33.4 254 18 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
4288 20.0 11 19 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
4289 38.2 769 20 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
4290 #BestOS+0.01ST: 23.1 0 4 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
4291 #BestST+0.01ST: 18.3 67 14 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
4292 -1.0 0 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
4293 -1.0 7426 1 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
4294 24.2 29 2 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
4295 32.6 125 3 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
4296 34.9 115 4 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
4297 36.4 195 5 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
4298 21.5 96 6 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
4299 33.9 151 7 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
4300 33.5 131 8 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
4301 22.4 76 9 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
4302 21.8 96 10 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
4303 21.7 80 11 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
4304 29.2 80 12 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
4305 24.1 7 13 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
4306 36.2 1 14 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
4307 20.7 20 15 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
4308 33.0 212 16 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
4309 32.5 157 17 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
4310 30.0 125 18 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
4311 30.8 4 19 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
4312 26.3 2 20 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
4313 #BestOS+0.01ST: 36.2 1 14 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
4314 #BestST+0.01OS: 20.7 20 15 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
4315 -1.0 0 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
4316 -1.0 4493 1 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
4317 24.3 2 2 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
4318 23.8 5 3 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
4319 28.9 7 4 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
4320 28.7 566 5 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
4321 31.5 263 6 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
4322 28.2 52 7 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
4323 34.4 8 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
4324 29.7 9 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
4325 47.2 47 10 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
4326 29.0 8 11 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
4327 17.6 57 12 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
4328 24.7 6 13 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
4329 28.9 512 14 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
4330 83.0 171 15 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
4331 30.3 20 16 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
4332 31.7 214 17 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
4333 36.6 9 18 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
4334 31.1 7 19 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
4335 30.6 27 20 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
4336 #BestOS+0.01ST: 24.3 2 2 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
4337 #BestST+0.01OS: 17.6 57 12 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
4338 -1.0 0 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
4339 -1.0 9733 1 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
4340 30.1 1 2 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
4341 25.4 182 3 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
4342 40.9 846 4 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
4343 -1.0 4870 5 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
4344 32.0 752 6 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
4345 30.8 3 7 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
4346 34.8 5 8 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
4347 55.6 3 9 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
4348 27.5 341 10 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
4349 31.1 0 11 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
4350 75.9 2449 12 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
4351 67.5 504 13 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
4352 39.4 0 14 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
4353 42.6 1343 15 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
4354 67.8 4370 16 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
4355 -1.0 1734 17 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
4356 27.9 134 18 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
4357 30.7 0 19 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
4358 #BestOS+0.01ST: 26.7 0 20 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
4359 #BestST+0.01OS: 18.3 67 14 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
4360 #BestST+0.01OS: 26.7 0 20 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
4361 #BestST+0.01OS: 26.7 0 20 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
4362 #BestOS+0.01ST: 23.1 0 4 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
4363 #BestOS+0.01ST: 36.2 1 14 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
4364 #BestOS+0.01ST: 24.3 2 2 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
4365 #BestOS+0.01ST: 26.7 0 20 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
4366 #BestST+0.01OS: 18.3 67 14 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
4367 #BestST+0.01OS: 20.7 20 15 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
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4368 #BestST+0.01OS: 17.6 57 12 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
4369 #BestST+0.01OS: 26.7 0 20 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
4370 b=20/N=20/a=0.7/d=..mepcdata/result/b$b{b}
4371 fl=$&/net.cr2cm100N$[N]ny4nu4it12IS2r5Tl00it14
4372 f2=$&/net.cr2cm100N$[N]ny4nu4it12IS2r5Tl00it15
4373 f3=$&/net.cr10cm100N$[N]ny4nu4it12IS2r5Tl00it12
4374 f4=$&/net.cr10cm100N$[N]ny4nu4it12IS2r5Tl00it20
4375 rm listSS.dat;for cr in 2 6 10; do for cm in 10 55 100; do
4376 emulate crane2 it:1:1 r:5 cr:$cr cm:$cm cC:0.5 umax:10 tt:100 kxt:1 method:12:SN:$b:$a:0:$fl:$f2:$f3
4377 $f4 Disp:0 listSS:1 T:100 NZs:12 LAMBDA:0.01
4378 done;done;cat listSS.dat;cat listSS.dat|awk 'BEGIN {S1=S2=n=0} {S1=$1/S2=$2/n++;} END{printf("%s,2f
4379 #Mean",S1/N,S2/n);}'
4378 #BestST
4379 #Sf1:Sf2:Sf3:Sf4 for Ne=4.
4380 19.3 24 1 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
4381 22.7 0 1 #ST[s] OS[mm] it for cr2cm5N20ny4nu4it12IS2r5Tl00
4382 19.9 33 1 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
4383 19.3 16 1 #ST[s] OS[mm] it for cr6cm100N20ny4nu4it12IS2r5Tl00
4384 22.2 0 1 #ST[s] OS[mm] it for cr6cm5N20ny4nu4it12IS2r5Tl00
4385 19.2 54 1 #ST[s] OS[mm] it for cr6cm100N20ny4nu4it12IS2r5Tl00
4386 17.6 79 1 #ST[s] OS[mm] it for cr6cm100N20ny4nu4it12IS2r5Tl00
4387 19.9 18 1 #ST[s] OS[mm] it for cr10cm5N20ny4nu4it12IS2r5Tl00
4388 25.8 139 1 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
4389 20.66 40.3 #Mean Ne=4
4390 22.91 74.6 #Mean Ne=5
4391 21.28 41.9 #Mean Ne=6
4392 21.9 1 1 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
4393 24.8 0 1 #ST[s] OS[mm] it for cr2cm5N20ny4nu4it12IS2r5Tl00
4394 30.0 135 1 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
4395 19.1 33 1 #ST[s] OS[mm] it for cr6cm100N20ny4nu4it12IS2r5Tl00
4396 22.0 0 1 #ST[s] OS[mm] it for cr6cm5N20ny4nu4it12IS2r5Tl00
4397 19.9 17 1 #ST[s] OS[mm] it for cr6cm100N20ny4nu4it12IS2r5Tl00
4398 23.2 12 1 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
4399 19.7 39 1 #ST[s] OS[mm] it for cr10cm5N20ny4nu4it12IS2r5Tl00
4400 26.2 0 1 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
4401 22.98 26.3 #Mean
4402
4403 #f1
4404 18.3 67 1 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
4405 22.4 6 1 #ST[s] OS[mm] it for cr2cm5N20ny4nu4it12IS2r5Tl00
4406 20.3 56 1 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
4407 26.8 160 1 #ST[s] OS[mm] it for cr6cm100N20ny4nu4it12IS2r5Tl00
4408 20.4 32 1 #ST[s] OS[mm] it for cr6cm5N20ny4nu4it12IS2r5Tl00
4409 19.4 90 1 #ST[s] OS[mm] it for cr6cm100N20ny4nu4it12IS2r5Tl00
4410 21.5 90 1 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
4411 20.2 35 1 #ST[s] OS[mm] it for cr10cm5N20ny4nu4it12IS2r5Tl00
4412 19.4 99 1 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
4413 20.97 70.6 #Mean
4414 #f2
4415 19.3 98 1 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
4416 21.4 33 1 #ST[s] OS[mm] it for cr2cm5N20ny4nu4it12IS2r5Tl00
4417 20.7 20 1 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
4418 34.9 681 1 #ST[s] OS[mm] it for cr6cm100N20ny4nu4it12IS2r5Tl00
4419 34.6 266 1 #ST[s] OS[mm] it for cr6cm5N20ny4nu4it12IS2r5Tl00
4420 18.9 99 1 #ST[s] OS[mm] it for cr6cm100N20ny4nu4it12IS2r5Tl00
4421 33.7 511 1 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
4422 34.6 289 1 #ST[s] OS[mm] it for cr10cm5N20ny4nu4it12IS2r5Tl00
4423 20.2 17 1 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
4424 26.48 223.8 #Mean
4425 #f3
4426 5.3 147 1 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
4427 19.3 46 1 #ST[s] OS[mm] it for cr2cm5N20ny4nu4it12IS2r5Tl00
4428 26.1 109 1 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
4429 23.9 103 1 #ST[s] OS[mm] it for cr6cm100N20ny4nu4it12IS2r5Tl00
4430 28.4 137 1 #ST[s] OS[mm] it for cr6cm5N20ny4nu4it12IS2r5Tl00
4431 29.6 210 1 #ST[s] OS[mm] it for cr6cm100N20ny4nu4it12IS2r5Tl00
4432 17.6 57 1 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
4433 18.3 81 1 #ST[s] OS[mm] it for cr10cm5N20ny4nu4it12IS2r5Tl00
4434 21.9 9 1 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
4435 23.38 99.9 #Mean
4436 27.6 0 1 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
4437 25.1 318 1 #ST[s] OS[mm] it for cr2cm5N20ny4nu4it12IS2r5Tl00
4438 26.6 328 1 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2r5Tl00
4439 21.4 10 1 #ST[s] OS[mm] it for cr6cm100N20ny4nu4it12IS2r5Tl00
4440 31.6 0 1 #ST[s] OS[mm] it for cr6cm5N20ny4nu4it12IS2r5Tl00
4441 29.3 629 1 #ST[s] OS[mm] it for cr6cm100N20ny4nu4it12IS2r5Tl00
4442 28.2 15 1 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
4443 27.6 0 1 #ST[s] OS[mm] it for cr10cm5N20ny4nu4it12IS2r5Tl00
4444 26.7 0 1 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl00
4445 27.12 144.4 #Mean
4446
4447 #BestOS
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4448 b=20:N=20;a=0.7;ds../mspdata/result/bs{b}
4449 f1=sd/net_cr2cm100N$[N]ny4nu4iti12IS2r5T100t4
4450 f2=sd/net_cr2cm100N$[N]ny4nu4iti12IS2r5T100t14
4451 f3=sd/net_cr10cm100N$[N]ny4nu4iti12IS2r5T100t12
4452 f4=sd/net_cr10cm100N$[N]ny4nu4iti12IS2r5T100t20
4453 rm listSS.dat;for cr in 2 6 10; do for cm in 10 55 100; do
4454 emulate_crane2 it:1:1 r:5 cr:$cr cm:$cm cc:0.5 umax:10 tt:100 kxt:1 method:12:$N$b:$a:0:$f1:$f2:$f3
4455 $f4 DISP:0 listSS:1 T:100 N2s:12 LAMBDA:0.01
4456 done;done;cat listSS.dat;cat listSS.dat |awk 'BEGIN {S1=S2=n=0} {S1+=$1;S2+=$2;n++;} END{printf("%2f
%1.0f #Mean/n",S1/n,S2/n)},'
4456 $f1:$f2:$f3:$f4 for Ne=7,
4457 23.1 6 1 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti1IS2r5T100
4458 24.7 0 1 #ST[s] OS[mm] it for cr2cm5N20ny4nu4iti1IS2r5T100
4459 25.5 0 1 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti1IS2r5T100
4460 22.9 11 1 #ST[s] OS[mm] it for cr6cm10N20ny4nu4iti1IS2r5T100
4461 23.2 1 1 #ST[s] OS[mm] it for cr6cm5N20ny4nu4iti1IS2r5T100
4462 25.1 0 1 #ST[s] OS[mm] it for cr6cm10N20ny4nu4iti1IS2r5T100
4463 23.4 22 1 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti1IS2r5T100
4464 24.5 0 1 #ST[s] OS[mm] it for cr10cm5N20ny4nu4iti1IS2r5T100
4465 19.8 0 1 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti1IS2r5T100
4466 23.24 4.4 #Mean Ne=7
4467 23.18 6.0 #Mean Ne=8
4468 22.50 8.6 #Mean Ne=9
4469 23.57 5.2 #Mean Ne=10
4470 23.87 76.2 #Mean Ne=20
4471 #f1
4472 23.1 0 1 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti1IS2r5T100
4473 22.9 0 1 #ST[s] OS[mm] it for cr2cm5N20ny4nu4iti1IS2r5T100
4474 24.0 1 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti1IS2r5T100
4475 23.0 0 1 #ST[s] OS[mm] it for cr6cm10N20ny4nu4iti1IS2r5T100
4476 23.0 0 1 #ST[s] OS[mm] it for cr6cm5N20ny4nu4iti1IS2r5T100
4477 21.1 0 1 #ST[s] OS[mm] it for cr6cm10N20ny4nu4iti1IS2r5T100
4478 23.2 4 1 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti1IS2r5T100
4479 23.2 0 1 #ST[s] OS[mm] it for cr10cm5N20ny4nu4iti1IS2r5T100
4480 19.0 0 1 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti1IS2r5T100
4481 22.50 0.4 #Mean
4482 #f2
4483 46.9 1 1 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti1IS2r5T100
4484 49.6 1 1 #ST[s] OS[mm] it for cr2cm5N20ny4nu4iti1IS2r5T100
4485 36.2 1 1 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti1IS2r5T100
4486 48.2 1 1 #ST[s] OS[mm] it for cr6cm10N20ny4nu4iti1IS2r5T100
4487 42.7 1 1 #ST[s] OS[mm] it for cr6cm5N20ny4nu4iti1IS2r5T100
4488 46.3 0 1 #ST[s] OS[mm] it for cr6cm10N20ny4nu4iti1IS2r5T100
4489 48.0 6 1 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti1IS2r5T100
4490 46.5 1 1 #ST[s] OS[mm] it for cr10cm5N20ny4nu4iti1IS2r5T100
4491 47.2 0 1 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti1IS2r5T100
4492 45.73 1.4 #Mean
4493 #f3
4494 24.0 0 1 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti1IS2r5T100
4495 25.9 0 1 #ST[s] OS[mm] it for cr2cm5N20ny4nu4iti1IS2r5T100
4496 27.6 0 1 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti1IS2r5T100
4497 23.6 2 1 #ST[s] OS[mm] it for cr6cm10N20ny4nu4iti1IS2r5T100
4498 25.6 0 1 #ST[s] OS[mm] it for cr6cm5N20ny4nu4iti1IS2r5T100
4499 18.4 10 1 #ST[s] OS[mm] it for cr6cm10N20ny4nu4iti1IS2r5T100
4500 24.2 3 1 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti1IS2r5T100
4501 16.8 69 1 #ST[s] OS[mm] it for cr10cm5N20ny4nu4iti1IS2r5T100
4502 26.9 0 1 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti1IS2r5T100
4503 23.67 9.3 #Mean
4504 #f4
4505 27.6 0 1 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti1IS2r5T100
4506 25.1 318 1 #ST[s] OS[mm] it for cr2cm5N20ny4nu4iti1IS2r5T100
4507 26.6 338 1 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti1IS2r5T100
4508 24.6 10 1 #ST[s] OS[mm] it for cr6cm10N20ny4nu4iti1IS2r5T100
4509 31.6 0 1 #ST[s] OS[mm] it for cr6cm5N20ny4nu4iti1IS2r5T100
4510 29.3 629 1 #ST[s] OS[mm] it for cr6cm10N20ny4nu4iti1IS2r5T100
4511 28.2 15 1 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti1IS2r5T100
4512 27.6 0 1 #ST[s] OS[mm] it for cr10cm5N20ny4nu4iti1IS2r5T100
4513 26.7 0 1 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti1IS2r5T100
4514 27.12 144.4 #Mean
4515
4516 #!1) with %7e in apc_crane.c at yuka $f1:$f2:$f3:$f4 for Ne=20, #NG
4517 b=1:N=20;a=0;for cr in 2; do for cm in 10; do
4518 make data-clean;date;time emulate_crane2 it:20:2 r:5 cr:$cr cm:$cm cc:0.5 umax:10 tt:100 kxt:1 metho
d:12:$[N]:$[b]:$[a]:0 DISP:0 listSS:1 T:100 N2s:12 LAMBDA:0.01;date
4519 mkdir ../mspdata/mkdir ../mspdata/result/mkdir ../mspdata/result/b$[b]a$[a]7e/mv result-ensrs2g
e/net+ ../mspdata/result/b$[b]a$[a]7e/
4520 cat listSS.dat;cat cat listSS.dat |awk 'BEGIN {v=le9} {if ($1=0) {v=$2+$1*0.01: if (v<v) {v=v-i=$+
1}} END {printf("head %d listSS.dat",-1)}; }' ;echo -n "#ensrs=cat listSS.dat"
4521 {if ($1=0) {v=$1+0.01;$2: if (v<v) {v=v-i=$+1}} END {printf("head %d listSS.dat",-1)}; }
4521 done;done
4522 -1.0 0 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti1IS2r5T100
```

```
4523 -1.0 10956 1 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti12IS2r5T100
4524 24.8 40 2 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti12IS2r5T100
4525 24.1 41 3 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti12IS2r5T100
4526 32.2 114 4 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti12IS2r5T100
4527 23.5 18 5 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti12IS2r5T100
4528 21.7 50 6 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti12IS2r5T100
4529 23.1 1 7 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti12IS2r5T100
4530 43.3 0 8 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti12IS2r5T100
4531 19.1 75 9 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti12IS2r5T100
4532 34.0 255 10 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti12IS2r5T100
4533 27.8 131 11 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti12IS2r5T100
4534 30.1 9 12 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti12IS2r5T100
4535 27.2 0 13 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti12IS2r5T100
4536 28.2 0 14 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti12IS2r5T100
4537 73.5 128 15 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti12IS2r5T100
4538 30.1 231 16 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti12IS2r5T100
4539 35.6 0 17 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti12IS2r5T100
4540 30.6 0 18 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti12IS2r5T100
4541 25.7 0 19 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti12IS2r5T100
4542 19.4 21 20 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti12IS2r5T100
4543 #BestOST+0.01ST: 25.7 0 19 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti12IS2r5T100
4544 #BestOST+0.01OS: 19.4 21 20 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti12IS2r5T100
4545 -1.0 0 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti12IS2r5T100
4546 -1.0 430 1 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti12IS2r5T100
4547 24.2 0 2 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti12IS2r5T100
4548 30.9 110 3 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti12IS2r5T100
4549 20.0 90 4 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti12IS2r5T100
4550 39.0 5 5 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti12IS2r5T100
4551 36.1 4 6 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti12IS2r5T100
4552 22.9 1 7 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti12IS2r5T100
4553 35.3 431 8 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti12IS2r5T100
4554 23.4 1 9 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti12IS2r5T100
4555 23.0 2 10 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti12IS2r5T100
4556 30.3 1 11 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti12IS2r5T100
4557 24.3 2 12 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti12IS2r5T100
4558 22.3 20 13 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti12IS2r5T100
4559 23.7 19 14 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti12IS2r5T100
4560 29.6 5 15 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti12IS2r5T100
4561 32.5 251 16 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti12IS2r5T100
4562 41.1 678 17 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti12IS2r5T100
4563 23.7 5 18 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti12IS2r5T100
4564 27.7 1 19 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti12IS2r5T100
4565 23.3 11 20 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti12IS2r5T100
4566 #BestOST+0.01ST: 24.2 0 2 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti12IS2r5T100
4567 #BestOST+0.01OS: 20.0 90 4 #ST[s] OS[mm] it for cr2cm10N20ny4nu4iti12IS2r5T100
4568 -1.0 0 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti12IS2r5T100
4569 97.0 319 2 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti12IS2r5T100
4570 32.2 807 3 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti12IS2r5T100
4571 26.1 58 4 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti12IS2r5T100
4572 30.3 18 5 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti12IS2r5T100
4573 29.9 5 6 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti12IS2r5T100
4574 36.9 3 7 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti12IS2r5T100
4575 35.4 2 8 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti12IS2r5T100
4576 32.9 243 9 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti12IS2r5T100
4577 35.4 2 9 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti12IS2r5T100
4578 97.7 165 10 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti12IS2r5T100
4579 27.6 1 11 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti12IS2r5T100
4580 25.2 11 12 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti12IS2r5T100
4581 27.4 33 13 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti12IS2r5T100
4582 36.6 7 14 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti12IS2r5T100
4583 37.5 386 15 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti12IS2r5T100
4584 36.6 1001 16 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti12IS2r5T100
4585 28.0 6 17 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti12IS2r5T100
4586 29.3 19 18 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti12IS2r5T100
4587 26.0 107 19 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti12IS2r5T100
4588 38.4 695 20 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti12IS2r5T100
4589 #BestOST+0.01ST: 27.6 11 11 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti12IS2r5T100
4590 #BestOST+0.01OS: 25.2 11 12 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti12IS2r5T100
4591 -1.0 0 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti12IS2r5T100
4592 91.0 9538 1 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti12IS2r5T100
4593 -1.0 1515 2 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti12IS2r5T100
4594 -1.0 3746 3 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti12IS2r5T100
4595 92.9 22 4 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti12IS2r5T100
4596 91.0 2501 5 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti12IS2r5T100
4597 57.4 922 6 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti12IS2r5T100
4598 -1.0 478 7 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti12IS2r5T100
4599 -1.0 8 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti12IS2r5T100
4600 69.1 0 10 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti12IS2r5T100
4601 69.1 0 10 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti12IS2r5T100
4602 -1.0 2207 11 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti12IS2r5T100
4603 94.5 152 12 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti12IS2r5T100
4604 33.4 125 13 #ST[s] OS[mm] it for cr10cm10N20ny4nu4iti12IS2r5T100
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```
4605 -1.0 4581 14 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2=5Tl00
4606 30.2 44 15 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2=5Tl00
4607 80.7 0 16 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2=5Tl00
4608 -1.0 0 17 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2=5Tl00
4609 -1.0 686 18 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2=5Tl00
4610 -1.0 2 19 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2=5Tl00
4611 38.3 401 20 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2=5Tl00
4612 #BestOS+0.01St: 69.1 0 10 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2=5Tl00
4613 #BestST+0.01OS: 39.2 44 15 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2=5Tl00
4614 #2
4615 #BestOS+0.01St: 25.7 0 19 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2=5Tl00
4616 #BestOS+0.01St: 27.6 0 2 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2=5Tl00
4617 #BestOS+0.01St: 27.6 1 11 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2=5Tl00
4618 #BestOS+0.01St: 69.1 4 20 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2=5Tl00
4619 #BestST+0.01OS: 19.9 21 20 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2=5Tl00
4620 #BestST+0.01OS: 20.0 90 4 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it12IS2=5Tl00
4621 #BestST+0.01OS: 20.5 21 12 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2=5Tl00
4622 #BestST+0.01OS: 30.2 44 15 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2=5Tl00
4623 b-1.N=20.ra=0.d=-.m$mpdata/result/b$[b]a$[a]/*e
4624 f1=8d.neC_cr2cm100N$[N]ny4nu4it12IS2=5Tl00t19
4625 f2=8d.neC_cr2cm100N$[N]ny4nu4it12IS2=5Tl00t12
4626 f3=8d.neC_cr10cm100N$[N]ny4nu4it12IS2=5Tl00t11
4627 f4=8d.neC_cr10cm100N$[N]ny4nu4it12IS2=5Tl00t10
4628 mv listSS.dat:for cr in 2 6 10: do for cm in 10 55 100: do
4629 emulate_crane2 it:1:1 r:5 cr:$cr cm:$cm cc:0.5 umax:10 tt:100 kxt:1 method:12:$N:$b:$a:0:$f1:$f2:$f3
:$f4 DISP:0 listSS:1 T:100 N2s:12 LAMBDA:0.01
4630 done.done:cat listSS.dat:cat listSS.dat [awk 'BEGIN {S1=S2=n=0} {S1+=1;S2+=2;n++;} END{printf "%s %.2f
%1.0f %MeanN% ",S1/n,S2/n}',
4631 #Sf1:$f2:$f3:$f4 for Ne=20, #NG
4632 25.4 4 1 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it11IS2=5Tl00
4633 24.9 0 1 #ST[s] OS[mm] it for cr2cm5N20ny4nu4it11IS2=5Tl00
4634 34.2 0 1 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it11IS2=5Tl00
4635 31.2 0 1 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it11IS2=5Tl00
4636 25.3 1 1 #ST[s] OS[mm] it for cr6cm100N20ny4nu4it11IS2=5Tl00
4637 25.8 1 1 #ST[s] OS[mm] it for cr6cm5N20ny4nu4it11IS2=5Tl00
4638 31.0 0 1 #ST[s] OS[mm] it for cr6cm100N20ny4nu4it11IS2=5Tl00
4639 29.5 30 1 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it11IS2=5Tl00
4640 58.6 1935 1 #ST[s] OS[mm] it for cr10cm5N20ny4nu4it11IS2=5Tl00
4641 30.97 219.0 #Mean
4642 #1
4643 25.7 0 1 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it11IS2=5Tl00
4644 26.9 0 1 #ST[s] OS[mm] it for cr2cm5N20ny4nu4it11IS2=5Tl00
4645 28.6 0 1 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it11IS2=5Tl00
4646 25.3 7 1 #ST[s] OS[mm] it for cr6cm100N20ny4nu4it11IS2=5Tl00
4647 28.0 1 #ST[s] OS[mm] it for cr6cm5N20ny4nu4it11IS2=5Tl00
4648 20.8 1 #ST[s] OS[mm] it for cr6cm100N20ny4nu4it11IS2=5Tl00
4649 24.3 21 1 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it11IS2=5Tl00
4650 26.2 0 1 #ST[s] OS[mm] it for cr10cm5N20ny4nu4it11IS2=5Tl00
4651 27.8 4 1 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it11IS2=5Tl00
4652 25.96 3.7 #Mean
4653
4654 #1(N=N=20 best ? done at susanoo with cr=1 10
4655 b-1.N=20.ra=0:for cr in 1 10: do for cm in 10 100: do
4656 make data-clean:date:time emulate_crane2 it:20:2 r:5 cr:$cr cm:$cm cc:0.5 umax:10 tt:100 kxt:1 metho
d:12:$[N]:$[b]:$[a] DISP:0 listSS:1 T:100 N2s:12 LAMBDA:0.01date
4657 mkdir ..m$mpdata/mkdir ..m$mpdata/result/mkdir ..m$mpdata/result/b$[b]mv result-ensrs2ge/net* .
..m$mpdata/result/b$[b]
4658 #mkdir ..m$mpdata/mkdir ..m$mpdata/result/mkdir ..m$mpdata/result/b$[b]icc mv result-ensrs2ge/ne
t* ..m$mpdata/result/b$[b]icc/* f1s -lR ..m$mpdata/result/b$[b]icc/
4659 cat listSS.dat:cm=a:cat listSS.dat [awk 'BEGIN {vm=tes} {if($1=0) {v=$2;$1*0.01: if(v<vm) {vm=v;i=$3+
1}} END {printf("head kb listSS.dat",i)}},{recho -n "#BestOS+0.01St: " $3cmd | tail -1:cmd=a:cat listSS.dat'a
wk 'BEGIN {vm=tes} {if($1=0) {v=$1*0.01:2: if(v<vm) {vm=v;i=$3+1}} END {printf("head kb listSS.dat",i)}},{
recho -n "#BestST+0.01OS: " $3cmd | tail -1
4660 done.done
4661 -1.0 0 #ST[s] OS[mm] it for cr1cm100N20ny4nu4it12IS2=5Tl00
4662 -1.0 0 1 #ST[s] OS[mm] it for cr1cm100N20ny4nu4it12IS2=5Tl00
4663 20.4 59 2 #ST[s] OS[mm] it for cr1cm100N20ny4nu4it12IS2=5Tl00
4664 33.0 168 3 #ST[s] OS[mm] it for cr1cm100N20ny4nu4it12IS2=5Tl00
4665 25.7 10 4 #ST[s] OS[mm] it for cr1cm100N20ny4nu4it12IS2=5Tl00
4666 20.0 59 5 #ST[s] OS[mm] it for cr1cm100N20ny4nu4it12IS2=5Tl00
4667 32.5 6 6 #ST[s] OS[mm] it for cr1cm100N20ny4nu4it12IS2=5Tl00
4668 35.3 387 7 #ST[s] OS[mm] it for cr1cm100N20ny4nu4it12IS2=5Tl00
4669 23.4 18 8 #ST[s] OS[mm] it for cr1cm100N20ny4nu4it12IS2=5Tl00
4670 23.3 38 9 #ST[s] OS[mm] it for cr1cm100N20ny4nu4it12IS2=5Tl00
4671 22.1 66 10 #ST[s] OS[mm] it for cr1cm100N20ny4nu4it12IS2=5Tl00
4672 38.5 319 11 #ST[s] OS[mm] it for cr1cm100N20ny4nu4it12IS2=5Tl00
4673 33.4 129 12 #ST[s] OS[mm] it for cr1cm100N20ny4nu4it12IS2=5Tl00
4674 32.3 103 13 #ST[s] OS[mm] it for cr1cm100N20ny4nu4it12IS2=5Tl00
4675 21.9 6 14 #ST[s] OS[mm] it for cr1cm100N20ny4nu4it12IS2=5Tl00
4676 27.5 0 15 #ST[s] OS[mm] it for cr1cm100N20ny4nu4it12IS2=5Tl00
4677 33.5 251 16 #ST[s] OS[mm] it for cr1cm100N20ny4nu4it12IS2=5Tl00
4678 31.3 223 17 #ST[s] OS[mm] it for cr1cm100N20ny4nu4it12IS2=5Tl00
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4679 22.7 14 18 #ST[s] OS[mm] it for cr1cm100N20ny4nu4it12IS2=5Tl00
4680 27.2 3 19 #ST[s] OS[mm] it for cr1cm100N20ny4nu4it12IS2=5Tl00
4681 -1.0 205 20 #ST[s] OS[mm] it for cr1cm100N20ny4nu4it12IS2=5Tl00
4682 #BestOS+0.01St: 27.5 0 15 #ST[s] OS[mm] it for cr1cm100N20ny4nu4it12IS2=5Tl00
4683 #BestST+0.01OS: 20.0 59 5 #ST[s] OS[mm] it for cr1cm100N20ny4nu4it12IS2=5Tl00
4684 -1.0 0 #ST[s] OS[mm] it for cr1cm100N20ny4nu4it12IS2=5Tl00
4685 42.7 0 1 #ST[s] OS[mm] it for cr1cm100N20ny4nu4it12IS2=5Tl00
4686 21.8 57 2 #ST[s] OS[mm] it for cr1cm100N20ny4nu4it12IS2=5Tl00
4687 24.7 19 3 #ST[s] OS[mm] it for cr1cm100N20ny4nu4it12IS2=5Tl00
4688 23.4 46 4 #ST[s] OS[mm] it for cr1cm100N20ny4nu4it12IS2=5Tl00
4689 23.6 61 5 #ST[s] OS[mm] it for cr1cm100N20ny4nu4it12IS2=5Tl00
4690 22.2 63 6 #ST[s] OS[mm] it for cr1cm100N20ny4nu4it12IS2=5Tl00
4691 33.8 173 7 #ST[s] OS[mm] it for cr1cm100N20ny4nu4it12IS2=5Tl00
4692 31.8 33 8 #ST[s] OS[mm] it for cr1cm100N20ny4nu4it12IS2=5Tl00
4693 25.1 38 9 #ST[s] OS[mm] it for cr1cm100N20ny4nu4it12IS2=5Tl00
4694 23.3 59 10 #ST[s] OS[mm] it for cr1cm100N20ny4nu4it12IS2=5Tl00
4695 35.5 137 11 #ST[s] OS[mm] it for cr1cm100N20ny4nu4it12IS2=5Tl00
4696 33.4 118 12 #ST[s] OS[mm] it for cr1cm100N20ny4nu4it12IS2=5Tl00
4697 32.7 100 13 #ST[s] OS[mm] it for cr1cm100N20ny4nu4it12IS2=5Tl00
4698 36.1 270 14 #ST[s] OS[mm] it for cr1cm100N20ny4nu4it12IS2=5Tl00
4699 24.4 23 15 #ST[s] OS[mm] it for cr1cm100N20ny4nu4it12IS2=5Tl00
4700 21.4 60 16 #ST[s] OS[mm] it for cr1cm100N20ny4nu4it12IS2=5Tl00
4701 24.1 26 17 #ST[s] OS[mm] it for cr1cm100N20ny4nu4it12IS2=5Tl00
4702 23.9 25 18 #ST[s] OS[mm] it for cr1cm100N20ny4nu4it12IS2=5Tl00
4703 25.7 21 19 #ST[s] OS[mm] it for cr1cm100N20ny4nu4it12IS2=5Tl00
4704 26.8 18 20 #ST[s] OS[mm] it for cr1cm100N20ny4nu4it12IS2=5Tl00
4705 #BestOS+0.01St: 42.7 7 1 #ST[s] OS[mm] it for cr1cm100N20ny4nu4it12IS2=5Tl00
4706 #BestST+0.01OS: 21.4 60 16 #ST[s] OS[mm] it for cr1cm100N20ny4nu4it12IS2=5Tl00
4707 -1.0 0 0 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2=5Tl00
4708 -1.0 331 1 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2=5Tl00
4709 26.8 13 2 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2=5Tl00
4710 24.2 60 3 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2=5Tl00
4711 43.1 4 4 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2=5Tl00
4712 41.4 9 5 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2=5Tl00
4713 98.6 382 6 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2=5Tl00
4714 43.7 949 7 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2=5Tl00
4715 26.7 124 8 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2=5Tl00
4716 29.9 12 9 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2=5Tl00
4717 25.6 23 10 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2=5Tl00
4718 28.5 20 11 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2=5Tl00
4719 35.9 1359 12 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2=5Tl00
4720 23.9 13 13 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2=5Tl00
4721 28.8 5 14 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2=5Tl00
4722 18.9 8 15 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2=5Tl00
4723 47.1 486 16 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2=5Tl00
4724 21.0 63 17 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2=5Tl00
4725 40.8 14 18 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2=5Tl00
4726 35.7 743 19 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2=5Tl00
4727 31.2 0 20 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2=5Tl00
4728 #BestOS+0.01St: 31.2 0 20 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2=5Tl00
4729 #BestST+0.01OS: 18.9 8 15 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2=5Tl00
4730 -1.0 0 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2=5Tl00
4731 -1.0 7605 1 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2=5Tl00
4732 -1.0 2654 2 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2=5Tl00
4733 -1.0 6158 3 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2=5Tl00
4734 87.0 123 4 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2=5Tl00
4735 -1.0 0 5 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2=5Tl00
4736 51.6 1143 6 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2=5Tl00
4737 42.8 0 7 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2=5Tl00
4738 33.2 11 8 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2=5Tl00
4739 -1.0 9 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2=5Tl00
4740 62.7 126 10 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2=5Tl00
4741 63.0 85 11 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2=5Tl00
4742 47.7 1086 12 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2=5Tl00
4743 40.9 1750 13 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2=5Tl00
4744 80.8 3955 14 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2=5Tl00
4745 58.1 7 15 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2=5Tl00
4746 -1.0 8822 16 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2=5Tl00
4747 26.4 2 17 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2=5Tl00
4748 36.5 0 18 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2=5Tl00
4749 -1.0 40 19 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2=5Tl00
4750 91.0 3029 20 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2=5Tl00
4751 #BestOS+0.01St: 36.5 0 18 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2=5Tl00
4752 #BestST+0.01OS: 27.5 2 17 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2=5Tl00
4753 #2
4754 #BestOS+0.01St: 27.5 0 15 #ST[s] OS[mm] it for cr1cm100N20ny4nu4it12IS2=5Tl00
4755 #BestOS+0.01St: 42.7 7 1 #ST[s] OS[mm] it for cr1cm100N20ny4nu4it12IS2=5Tl00
4756 #BestOS+0.01St: 31.2 0 20 #ST[s] OS[mm] it for cr1cm100N20ny4nu4it12IS2=5Tl00
4757 #BestOS+0.01St: 36.5 0 18 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2=5Tl00
4758 #BestST+0.01OS: 20.0 59 5 #ST[s] OS[mm] it for cr1cm100N20ny4nu4it12IS2=5Tl00
4759 #BestST+0.01OS: 21.4 60 16 #ST[s] OS[mm] it for cr1cm100N20ny4nu4it12IS2=5Tl00
4760 #BestST+0.01OS: 18.9 8 15 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2=5Tl00
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4761 #BestST+0.01OS: 26.4 2 17 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl100
4762 #BestOS
4763 b=1;N=20;a=0;d=../../mspdatadata/result/b$[b]
4764 f1=$d/net_cr1cm100N$[N]ny4nu4it12IS2r5Tl00it15
4765 f2=$d/net_cr1cm100N$[N]ny4nu4it12IS2r5Tl00it1
4766 f3=$d/net_cr10cm100N$[N]ny4nu4it12IS2r5Tl00it20
4767 f4=$d/net_cr10cm100N$[N]ny4nu4it12IS2r5Tl00it18
4768 rm listSS.dat;for cr in 1 5 10; do for cm in 10 55 100; do
4769 emulate crane2 it:1:1 r:5 cr:$cr cm:$cm cc:0.5 umax:10 tt:100 kxt:1 method:12:$N:$b:$a:0:$f1:$f2:$f3
4770 DISP:0 listSS:1 T:100 N2s:12 LAMBDA:0.01
4771 done;done;cat listSS.dat;cat listSS.dat [awk 'BEGIN {S1=S2=n=0} {S1+= $1;S2+= $2;n++;} END{printf("%s,2f
%1.0f #MeanN",S1/n,S2/n);}'
4772 # $f1:$f2:$f3:$f4 for Ne=20
4773 31.1 0 1 #ST[s] OS[mm] it for cr1cm100N20ny4nu4it12IS2r5Tl100
4774 35.2 0 1 #ST[s] OS[mm] it for cr1cm5N20ny4nu4it12IS2r5Tl100
4775 32.6 0 1 #ST[s] OS[mm] it for cr1cm100N20ny4nu4it12IS2r5Tl100
4776 31.9 0 1 #ST[s] OS[mm] it for cr1cm5N20ny4nu4it12IS2r5Tl100
4777 30.4 0 1 #ST[s] OS[mm] it for cr1cm5N20ny4nu4it12IS2r5Tl100
4778 31.8 0 1 #ST[s] OS[mm] it for cr1cm5N20ny4nu4it12IS2r5Tl100
4779 30.9 1 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl100
4780 30.3 0 1 #ST[s] OS[mm] it for cr10cm5N20ny4nu4it12IS2r5Tl100
4781 32.02 0.1 #Mean
4782 27.5 0 1 #ST[s] OS[mm] it for cr1cm100N20ny4nu4it12IS2r5Tl100
4783 29.7 0 1 #ST[s] OS[mm] it for cr1cm5N20ny4nu4it12IS2r5Tl100
4784 29.7 0 1 #ST[s] OS[mm] it for cr1cm100N20ny4nu4it12IS2r5Tl100
4785 26.6 0 1 #ST[s] OS[mm] it for cr1cm5N20ny4nu4it12IS2r5Tl100
4786 29.3 0 1 #ST[s] OS[mm] it for cr1cm5N20ny4nu4it12IS2r5Tl100
4787 24.5 0 1 #ST[s] OS[mm] it for cr1cm5N20ny4nu4it12IS2r5Tl100
4788 24.5 4 1 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it12IS2r5Tl100
4789 29.1 0 1 #ST[s] OS[mm] it for cr10cm5N20ny4nu4it12IS2r5Tl100
4790 29.2 0 1 #ST[s] OS[mm] it for cr10cm5N20ny4nu4it12IS2r5Tl100
4791 27.77 0.4 #Mean
4792
4793 #N=25 done at susanoo
4794 b=1;N=20;a=0;for cr in 2; do for cm in 10; do
4795 make data-clean;date;time emulate crane2 it:20:2 r:5 cr:$cr cm:$cm cc:0.5 umax:10 tt:100 kxt:1 method:12:$N:$b:$a:0 DISP:0 listSS:1 T:100 N2s:12 LAMBDA:0.01;date
4796 # $f1:$f2:$f3:$f4 for Ne=20
4797 # $f1:$f2:$f3:$f4 for Ne=20
4798 cat listSS.dat;cmd="cat listSS.dat [awk 'BEGIN {vm=le} {if($1>0) {v=$2-$1*0.01; if(v<vm) {vm=v-i=$3+1}} END {printf("head %d listSS.dat",-1)}};recho -n "BestOS+0.01ST: " ;$cmd | tail -1;cmd="cat listSS.dat |a
wk 'BEGIN {vm=le} {if($1>0) {v=$1*0.01-$2; if(v<vm) {vm=v-i=$3+1}} END {printf("head %d listSS.dat",-1)}};recho -n "BestST+0.01OS: " ;$cmd | tail -1
4799 done;done
4800 #N=25
4801 -1.0 0 0 #ST[s] OS[mm] it for cr2cm100N25ny4nu4it12IS2r5Tl100
4802 98.6 313 1 #ST[s] OS[mm] it for cr2cm100N25ny4nu4it12IS2r5Tl100
4803 26.3 24 2 #ST[s] OS[mm] it for cr2cm100N25ny4nu4it12IS2r5Tl100
4804 19.3 86 3 #ST[s] OS[mm] it for cr2cm100N25ny4nu4it12IS2r5Tl100
4805 28.3 0 4 #ST[s] OS[mm] it for cr2cm100N25ny4nu4it12IS2r5Tl100
4806 33.4 107 5 #ST[s] OS[mm] it for cr2cm100N25ny4nu4it12IS2r5Tl100
4807 27.9 0 6 #ST[s] OS[mm] it for cr2cm100N25ny4nu4it12IS2r5Tl100
4808 33.7 160 7 #ST[s] OS[mm] it for cr2cm100N25ny4nu4it12IS2r5Tl100
4809 37.9 3 8 #ST[s] OS[mm] it for cr2cm100N25ny4nu4it12IS2r5Tl100
4810 33.5 213 9 #ST[s] OS[mm] it for cr2cm100N25ny4nu4it12IS2r5Tl100
4811 19.6 35 10 #ST[s] OS[mm] it for cr2cm100N25ny4nu4it12IS2r5Tl100
4812 34.7 0 11 #ST[s] OS[mm] it for cr2cm100N25ny4nu4it12IS2r5Tl100
4813 35.8 137 12 #ST[s] OS[mm] it for cr2cm100N25ny4nu4it12IS2r5Tl100
4814 24.3 50 13 #ST[s] OS[mm] it for cr2cm100N25ny4nu4it12IS2r5Tl100
4815 33.0 14 14 #ST[s] OS[mm] it for cr2cm100N25ny4nu4it12IS2r5Tl100
4816 36.2 277 15 #ST[s] OS[mm] it for cr2cm100N25ny4nu4it12IS2r5Tl100
4817 27.1 16 #ST[s] OS[mm] it for cr2cm100N25ny4nu4it12IS2r5Tl100
4818 47.9 1349 17 #ST[s] OS[mm] it for cr2cm100N25ny4nu4it12IS2r5Tl100
4819 25.8 0 18 #ST[s] OS[mm] it for cr2cm100N25ny4nu4it12IS2r5Tl100
4820 21.2 24 19 #ST[s] OS[mm] it for cr2cm100N25ny4nu4it12IS2r5Tl100
4821 23.1 10 20 #ST[s] OS[mm] it for cr2cm100N25ny4nu4it12IS2r5Tl100
4822 #BestOS+0.01ST: 25.8 0 18 #ST[s] OS[mm] it for cr2cm100N25ny4nu4it12IS2r5Tl100
4823 #BestST+0.01OS: 19.6 35 10 #ST[s] OS[mm] it for cr2cm100N25ny4nu4it12IS2r5Tl100
4824 -1.0 0 0 #ST[s] OS[mm] it for cr2cm100N25ny4nu4it12IS2r5Tl100
4825 -1.0 3523 1 #ST[s] OS[mm] it for cr2cm100N25ny4nu4it12IS2r5Tl100
4826 28.7 1 2 #ST[s] OS[mm] it for cr2cm100N25ny4nu4it12IS2r5Tl100
4827 33.4 110 3 #ST[s] OS[mm] it for cr2cm100N25ny4nu4it12IS2r5Tl100
4828 26.0 28 4 #ST[s] OS[mm] it for cr2cm100N25ny4nu4it12IS2r5Tl100
4829 32.9 126 5 #ST[s] OS[mm] it for cr2cm100N25ny4nu4it12IS2r5Tl100
4830 27.5 43 6 #ST[s] OS[mm] it for cr2cm100N25ny4nu4it12IS2r5Tl100
4831 25.7 4 7 #ST[s] OS[mm] it for cr2cm100N25ny4nu4it12IS2r5Tl100
4832 29.7 124 8 #ST[s] OS[mm] it for cr2cm100N25ny4nu4it12IS2r5Tl100
4833 50.0 0 9 #ST[s] OS[mm] it for cr2cm100N25ny4nu4it12IS2r5Tl100
4834 32.5 1 10 #ST[s] OS[mm] it for cr2cm100N25ny4nu4it12IS2r5Tl100
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4835 29.8 0 11 #ST[s] OS[mm] it for cr2cm100N25ny4nu4it12IS2r5Tl100
4836 23.2 0 12 #ST[s] OS[mm] it for cr2cm100N25ny4nu4it12IS2r5Tl100
4837 26.8 12 13 #ST[s] OS[mm] it for cr2cm100N25ny4nu4it12IS2r5Tl100
4838 31.6 3 14 #ST[s] OS[mm] it for cr2cm100N25ny4nu4it12IS2r5Tl100
4839 25.5 1 15 #ST[s] OS[mm] it for cr2cm100N25ny4nu4it12IS2r5Tl100
4840 26.0 2 16 #ST[s] OS[mm] it for cr2cm100N25ny4nu4it12IS2r5Tl100
4841 32.3 117 17 #ST[s] OS[mm] it for cr2cm100N25ny4nu4it12IS2r5Tl100
4842 34.5 0 18 #ST[s] OS[mm] it for cr2cm100N25ny4nu4it12IS2r5Tl100
4843 23.9 7 19 #ST[s] OS[mm] it for cr2cm100N25ny4nu4it12IS2r5Tl100
4844 32.9 266 20 #ST[s] OS[mm] it for cr2cm100N25ny4nu4it12IS2r5Tl100
4845 #BestOS+0.01ST: 23.2 0 12 #ST[s] OS[mm] it for cr2cm100N25ny4nu4it12IS2r5Tl100
4846 #BestST+0.01OS: 23.2 0 12 #ST[s] OS[mm] it for cr2cm100N25ny4nu4it12IS2r5Tl100
4847 -1.0 0 0 #ST[s] OS[mm] it for cr10cm100N25ny4nu4it12IS2r5Tl100
4848 -1.0 5658 1 #ST[s] OS[mm] it for cr10cm100N25ny4nu4it12IS2r5Tl100
4849 26.0 49 2 #ST[s] OS[mm] it for cr10cm100N25ny4nu4it12IS2r5Tl100
4850 25.7 36 3 #ST[s] OS[mm] it for cr10cm100N25ny4nu4it12IS2r5Tl100
4851 27.6 30 4 #ST[s] OS[mm] it for cr10cm100N25ny4nu4it12IS2r5Tl100
4852 29.1 22 5 #ST[s] OS[mm] it for cr10cm100N25ny4nu4it12IS2r5Tl100
4853 51.8 1089 6 #ST[s] OS[mm] it for cr10cm100N25ny4nu4it12IS2r5Tl100
4854 24.0 2 7 #ST[s] OS[mm] it for cr10cm100N25ny4nu4it12IS2r5Tl100
4855 29.4 12 8 #ST[s] OS[mm] it for cr10cm100N25ny4nu4it12IS2r5Tl100
4856 29.8 3 9 #ST[s] OS[mm] it for cr10cm100N25ny4nu4it12IS2r5Tl100
4857 35.8 7 10 #ST[s] OS[mm] it for cr10cm100N25ny4nu4it12IS2r5Tl100
4858 38.8 486 11 #ST[s] OS[mm] it for cr10cm100N25ny4nu4it12IS2r5Tl100
4859 36.1 11 12 #ST[s] OS[mm] it for cr10cm100N25ny4nu4it12IS2r5Tl100
4860 38.8 472 13 #ST[s] OS[mm] it for cr10cm100N25ny4nu4it12IS2r5Tl100
4861 35.6 6 14 #ST[s] OS[mm] it for cr10cm100N25ny4nu4it12IS2r5Tl100
4862 32.6 2 15 #ST[s] OS[mm] it for cr10cm100N25ny4nu4it12IS2r5Tl100
4863 34.9 11 16 #ST[s] OS[mm] it for cr10cm100N25ny4nu4it12IS2r5Tl100
4864 43.8 926 17 #ST[s] OS[mm] it for cr10cm100N25ny4nu4it12IS2r5Tl100
4865 34.4 1 18 #ST[s] OS[mm] it for cr10cm100N25ny4nu4it12IS2r5Tl100
4866 36.6 9 19 #ST[s] OS[mm] it for cr10cm100N25ny4nu4it12IS2r5Tl100
4867 31.2 444 20 #ST[s] OS[mm] it for cr10cm100N25ny4nu4it12IS2r5Tl100
4868 #BestOS+0.01ST: 34.4 1 18 #ST[s] OS[mm] it for cr10cm100N25ny4nu4it12IS2r5Tl100
4869 #BestST+0.01OS: 24.0 2 7 #ST[s] OS[mm] it for cr10cm100N25ny4nu4it12IS2r5Tl100
4870 -1.0 0 0 #ST[s] OS[mm] it for cr10cm100N25ny4nu4it12IS2r5Tl100
4871 -1.0 899 1 #ST[s] OS[mm] it for cr10cm100N25ny4nu4it12IS2r5Tl100
4872 -1.0 2 #ST[s] OS[mm] it for cr10cm100N25ny4nu4it12IS2r5Tl100
4873 -1.0 4254 3 #ST[s] OS[mm] it for cr10cm100N25ny4nu4it12IS2r5Tl100
4874 -1.0 1931 4 #ST[s] OS[mm] it for cr10cm100N25ny4nu4it12IS2r5Tl100
4875 44.2 0 5 #ST[s] OS[mm] it for cr10cm100N25ny4nu4it12IS2r5Tl100
4876 64.2 899 6 #ST[s] OS[mm] it for cr10cm100N25ny4nu4it12IS2r5Tl100
4877 99.0 838 7 #ST[s] OS[mm] it for cr10cm100N25ny4nu4it12IS2r5Tl100
4878 -1.0 800 8 #ST[s] OS[mm] it for cr10cm100N25ny4nu4it12IS2r5Tl100
4879 69.3 0 9 #ST[s] OS[mm] it for cr10cm100N25ny4nu4it12IS2r5Tl100
4880 48.0 480 10 #ST[s] OS[mm] it for cr10cm100N25ny4nu4it12IS2r5Tl100
4881 33.0 10 11 #ST[s] OS[mm] it for cr10cm100N25ny4nu4it12IS2r5Tl100
4882 53.6 28 12 #ST[s] OS[mm] it for cr10cm100N25ny4nu4it12IS2r5Tl100
4883 53.6 163 13 #ST[s] OS[mm] it for cr10cm100N25ny4nu4it12IS2r5Tl100
4884 74.5 384 14 #ST[s] OS[mm] it for cr10cm100N25ny4nu4it12IS2r5Tl100
4885 -1.0 2880 15 #ST[s] OS[mm] it for cr10cm100N25ny4nu4it12IS2r5Tl100
4886 -1.0 3805 16 #ST[s] OS[mm] it for cr10cm100N25ny4nu4it12IS2r5Tl100
4887 -1.0 2137 17 #ST[s] OS[mm] it for cr10cm100N25ny4nu4it12IS2r5Tl100
4888 -1.0 596 18 #ST[s] OS[mm] it for cr10cm100N25ny4nu4it12IS2r5Tl100
4889 98.7 467 19 #ST[s] OS[mm] it for cr10cm100N25ny4nu4it12IS2r5Tl100
4890 -1.0 4919 20 #ST[s] OS[mm] it for cr10cm100N25ny4nu4it12IS2r5Tl100
4891 #BestOS+0.01ST: 44.2 0 5 #ST[s] OS[mm] it for cr10cm100N25ny4nu4it12IS2r5Tl100
4892 #BestST+0.01OS: 33.0 10 11 #ST[s] OS[mm] it for cr10cm100N25ny4nu4it12IS2r5Tl100
4893 #(2)
4894 #BestOS+0.01ST: 25.8 0 18 #ST[s] OS[mm] it for cr2cm100N25ny4nu4it12IS2r5Tl100
4895 #BestOS+0.01ST: 23.2 0 12 #ST[s] OS[mm] it for cr2cm100N25ny4nu4it12IS2r5Tl100
4896 #BestOS+0.01ST: 34.4 1 18 #ST[s] OS[mm] it for cr2cm100N25ny4nu4it12IS2r5Tl100
4897 #BestOS+0.01ST: 44.2 0 5 #ST[s] OS[mm] it for cr2cm100N25ny4nu4it12IS2r5Tl100
4898 #BestST+0.01OS: 19.6 35 10 #ST[s] OS[mm] it for cr2cm100N25ny4nu4it12IS2r5Tl100
4899 #BestST+0.01OS: 23.2 0 12 #ST[s] OS[mm] it for cr2cm100N25ny4nu4it12IS2r5Tl100
4900 #BestST+0.01OS: 24.0 2 7 #ST[s] OS[mm] it for cr2cm100N25ny4nu4it12IS2r5Tl100
4901 #BestST+0.01OS: 33.0 10 11 #ST[s] OS[mm] it for cr2cm100N25ny4nu4it12IS2r5Tl100
4902 #BestOS
4903 b=1;N=25;a=0;d=../../mspdatadata/result/b$[b]
4904 f1=$d/net_cr2cm100N$[N]ny4nu4it12IS2r5Tl00it18
4905 f2=$d/net_cr2cm100N$[N]ny4nu4it12IS2r5Tl00it18
4906 f3=$d/net_cr10cm100N$[N]ny4nu4it12IS2r5Tl00it18
4907 f4=$d/net_cr10cm100N$[N]ny4nu4it12IS2r5Tl00it5
4908 rm listSS.dat;for cr in 2 6 10; do for cm in 10 55 100; do
4909 emulate crane2 it:1:1 r:5 cr:$cr cm:$cm cc:0.5 umax:10 tt:100 kxt:1 method:12:$N:$b:$a:0:$f1:$f2:$f3
4910 DISP:0 listSS:1 T:100 N2s:12 LAMBDA:0.01
4911 done;done;cat listSS.dat;cat listSS.dat [awk 'BEGIN {S1=S2=n=0} {S1+= $1;S2+= $2;n++;} END{printf("%s,2f
%1.0f #MeanN",S1/n,S2/n);}'
4912 # $f1:$f2:$f3:$f4 for Ne=20
4913 30.7 0 1 #ST[s] OS[mm] it for cr2cm5N25ny4nu4it12IS2r5Tl100
4914 29.5 0 1 #ST[s] OS[mm] it for cr2cm100N25ny4nu4it12IS2r5Tl100
4915 36.1 0 1 #ST[s] OS[mm] it for cr2cm100N25ny4nu4it12IS2r5Tl100
```

```
4915 32.5 0 1 #ST[s] OS[mm] it for cr6cm10N25ny4nu4it1lIS2r5Tl00
4916 33.6 0 1 #ST[s] OS[mm] it for cr6cm5S25ny4nu4it1lIS2r5Tl00
4917 38.1 0 1 #ST[s] OS[mm] it for cr2cm10N25ny4nu4it1lIS2r5Tl00
4918 35.2 1 1 #ST[s] OS[mm] it for cr10cm10N25ny4nu4it1lIS2r5Tl00
4919 34.3 0 1 #ST[s] OS[mm] it for cr10cm5S25ny4nu4it1lIS2r5Tl00
4920 35.6 0 1 #ST[s] OS[mm] it for cr10cm10N25ny4nu4it1lIS2r5Tl00
4921 33.96 0.1 #Mean
4922 #f1
4923 25.8 0 1 #ST[s] OS[mm] it for cr2cm10N25ny4nu4it1lIS2r5Tl00
4924 30.3 0 1 #ST[s] OS[mm] it for cr2cm5S25ny4nu4it1lIS2r5Tl00
4925 36.6 0 1 #ST[s] OS[mm] it for cr2cm10N25ny4nu4it1lIS2r5Tl00
4926 25.4 3 1 #ST[s] OS[mm] it for cr6cm10N25ny4nu4it1lIS2r5Tl00
4927 28.8 0 1 #ST[s] OS[mm] it for cr6cm5S25ny4nu4it1lIS2r5Tl00
4928 34.7 0 1 #ST[s] OS[mm] it for cr6cm10N25ny4nu4it1lIS2r5Tl00
4929 24.0 35 1 #ST[s] OS[mm] it for cr10cm10N25ny4nu4it1lIS2r5Tl00
4930 25.3 0 1 #ST[s] OS[mm] it for cr10cm5S25ny4nu4it1lIS2r5Tl00
4931 34.9 0 1 #ST[s] OS[mm] it for cr10cm10N25ny4nu4it1lIS2r5Tl00
4932 29.53 4.2 #Mean
4933 #f2
4934 26.9 18 1 #ST[s] OS[mm] it for cr2cm10N25ny4nu4it1lIS2r5Tl00
4935 24.6 61 1 #ST[s] OS[mm] it for cr2cm5S25ny4nu4it1lIS2r5Tl00
4936 27.9 4 1 #ST[s] OS[mm] it for cr6cm10N25ny4nu4it1lIS2r5Tl00
4937 27.9 33 1 #ST[s] OS[mm] it for cr6cm10N25ny4nu4it1lIS2r5Tl00
4938 26.5 1 1 #ST[s] OS[mm] it for cr6cm5S25ny4nu4it1lIS2r5Tl00
4939 34.1 1 1 #ST[s] OS[mm] it for cr6cm10N25ny4nu4it1lIS2r5Tl00
4940 28.7 43 1 #ST[s] OS[mm] it for cr10cm10N25ny4nu4it1lIS2r5Tl00
4941 26.4 1 1 #ST[s] OS[mm] it for cr10cm5S25ny4nu4it1lIS2r5Tl00
4942 31.2 6 1 #ST[s] OS[mm] it for cr10cm10N25ny4nu4it1lIS2r5Tl00
4943 27.91 18.7 #Mean
4944 32.8 0 1 #ST[s] OS[mm] it for cr2cm10N25ny4nu4it1lIS2r5Tl00
4945 43.5 0 1 #ST[s] OS[mm] it for cr2cm5S25ny4nu4it1lIS2r5Tl00
4946 41.4 0 1 #ST[s] OS[mm] it for cr2cm10N25ny4nu4it1lIS2r5Tl00
4947 31.3 1 1 #ST[s] OS[mm] it for cr6cm10N25ny4nu4it1lIS2r5Tl00
4948 39.6 0 1 #ST[s] OS[mm] it for cr6cm5S25ny4nu4it1lIS2r5Tl00
4949 36.4 3 1 #ST[s] OS[mm] it for cr6cm10N25ny4nu4it1lIS2r5Tl00
4950 34.4 1 1 #ST[s] OS[mm] it for cr10cm10N25ny4nu4it1lIS2r5Tl00
4951 31.2 142 1 #ST[s] OS[mm] it for cr10cm5S25ny4nu4it1lIS2r5Tl00
4952 34.0 3 1 #ST[s] OS[mm] it for cr10cm10N25ny4nu4it1lIS2r5Tl00
4953 36.07 16.7 #Mean
4954 49.5 0 1 #ST[s] OS[mm] it for cr2cm10N25ny4nu4it1lIS2r5Tl00
4955 55.0 0 1 #ST[s] OS[mm] it for cr2cm5S25ny4nu4it1lIS2r5Tl00
4956 93.7 148 1 #ST[s] OS[mm] it for cr2cm10N25ny4nu4it1lIS2r5Tl00
4957 51.7 1 1 #ST[s] OS[mm] it for cr6cm10N25ny4nu4it1lIS2r5Tl00
4958 39.4 2 1 #ST[s] OS[mm] it for cr6cm5S25ny4nu4it1lIS2r5Tl00
4959 45.8 1 1 #ST[s] OS[mm] it for cr6cm10N25ny4nu4it1lIS2r5Tl00
4960 43.4 1 1 #ST[s] OS[mm] it for cr10cm10N25ny4nu4it1lIS2r5Tl00
4961 46.6 0 1 #ST[s] OS[mm] it for cr10cm5S25ny4nu4it1lIS2r5Tl00
4962 71.5 3826 1 #ST[s] OS[mm] it for cr10cm10N25ny4nu4it1lIS2r5Tl00
4963 55.20 442.1 #Mean
4964 ##BestST
4965 b=1;N=25;a=0;d=-.m;spcdata/result/b$[b]
4966 f1=sd/net_cr2cm10N$[N]ny4nu4it12IS2r5Tl00it10
4967 f2=sd/net_cr2cm10N$[N]ny4nu4it12IS2r5Tl00it12
4968 f3=sd/net_cr10cm10N$[N]ny4nu4it12IS2r5Tl00it17
4969 f4=sd/net_cr10cm10N$[N]ny4nu4it12IS2r5Tl00it11
4970 rm listSS.dat;for cr in 2 6 10; do for cm in 10 55 100; do
4971 emulate_crane2 it;1;1 r:5 cr:$cr cm:$cm cc:0.5 umax:10 tt:100 kxt:1 method:12:$N:$b:$a:0:$f1:$f2:$f3
4972 done;done;cat listSS.dat;cat listSS.dat [awk 'BEGIN {S1=S2=n=0} {S1+= $1;S2+= $2;n++;} END{printf("%s.2f
%1f %Mean\n",S1/n,S2/n)}']
4973 # $f1:$f2:$f3:$f4 for Ne=20
4974 27.4 0 1 #ST[s] OS[mm] it for cr2cm10N25ny4nu4it1lIS2r5Tl00
4975 24.5 0 1 #ST[s] OS[mm] it for cr2cm5S25ny4nu4it1lIS2r5Tl00
4976 24.7 4 1 #ST[s] OS[mm] it for cr2cm10N25ny4nu4it1lIS2r5Tl00
4977 23.4 0 1 #ST[s] OS[mm] it for cr6cm10N25ny4nu4it1lIS2r5Tl00
4978 30.3 0 1 #ST[s] OS[mm] it for cr6cm5S25ny4nu4it1lIS2r5Tl00
4979 30.6 0 1 #ST[s] OS[mm] it for cr6cm10N25ny4nu4it1lIS2r5Tl00
4980 28.9 1 1 #ST[s] OS[mm] it for cr10cm10N25ny4nu4it1lIS2r5Tl00
4981 28.7 621 1 #ST[s] OS[mm] it for cr10cm5S25ny4nu4it1lIS2r5Tl00
4982 30.3 0 1 #ST[s] OS[mm] it for cr10cm10N25ny4nu4it1lIS2r5Tl00
4983 27.64 69.6 #Mean
4984 #f1
4985 16.3 35 1 #ST[s] OS[mm] it for cr2cm10N25ny4nu4it1lIS2r5Tl00
4986 26.9 1 1 #ST[s] OS[mm] it for cr2cm5S25ny4nu4it1lIS2r5Tl00
4987 20.9 0 1 #ST[s] OS[mm] it for cr2cm10N25ny4nu4it1lIS2r5Tl00
4988 18.4 92 1 #ST[s] OS[mm] it for cr6cm10N25ny4nu4it1lIS2r5Tl00
4989 20.2 17 1 #ST[s] OS[mm] it for cr6cm5S25ny4nu4it1lIS2r5Tl00
4990 28.2 251 1 #ST[s] OS[mm] it for cr6cm10N25ny4nu4it1lIS2r5Tl00
4991 16.6 68 1 #ST[s] OS[mm] it for cr10cm10N25ny4nu4it1lIS2r5Tl00
4992 19.9 8 1 #ST[s] OS[mm] it for cr10cm5S25ny4nu4it1lIS2r5Tl00
4993 20.8 66 1 #ST[s] OS[mm] it for cr10cm10N25ny4nu4it1lIS2r5Tl00
4994 #f2
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4995 21.68 59.8 #Mean
4996 21.3 42 1 #ST[s] OS[mm] it for cr2cm10N25ny4nu4it1lIS2r5Tl00
4997 21.3 61 1 #ST[s] OS[mm] it for cr2cm5S25ny4nu4it1lIS2r5Tl00
4998 23.2 0 1 #ST[s] OS[mm] it for cr2cm10N25ny4nu4it1lIS2r5Tl00
4999 32.7 226 1 #ST[s] OS[mm] it for cr6cm10N25ny4nu4it1lIS2r5Tl00
5000 19.8 79 1 #ST[s] OS[mm] it for cr6cm5S25ny4nu4it1lIS2r5Tl00
5001 45.8 948 1 #ST[s] OS[mm] it for cr6cm10N25ny4nu4it1lIS2r5Tl00
5002 22.8 34 1 #ST[s] OS[mm] it for cr10cm10N25ny4nu4it1lIS2r5Tl00
5003 20.3 74 1 #ST[s] OS[mm] it for cr10cm5S25ny4nu4it1lIS2r5Tl00
5004 33.4 1158 1 #ST[s] OS[mm] it for cr10cm10N25ny4nu4it1lIS2r5Tl00
5005 26.73 291.3 #Mean
5006 #f3
5007 20.8 89 1 #ST[s] OS[mm] it for cr2cm10N25ny4nu4it1lIS2r5Tl00
5008 29.8 0 1 #ST[s] OS[mm] it for cr2cm5S25ny4nu4it1lIS2r5Tl00
5009 30.3 273 1 #ST[s] OS[mm] it for cr2cm10N25ny4nu4it1lIS2r5Tl00
5010 21.0 1 1 #ST[s] OS[mm] it for cr6cm10N25ny4nu4it1lIS2r5Tl00
5011 22.7 0 1 #ST[s] OS[mm] it for cr6cm5S25ny4nu4it1lIS2r5Tl00
5012 24.9 6 1 #ST[s] OS[mm] it for cr10cm10N25ny4nu4it1lIS2r5Tl00
5013 24.0 2 1 #ST[s] OS[mm] it for cr10cm5S25ny4nu4it1lIS2r5Tl00
5014 23.3 5 1 #ST[s] OS[mm] it for cr10cm10N25ny4nu4it1lIS2r5Tl00
5015 28.18 15 1 #ST[s] OS[mm] it for cr10cm10N25ny4nu4it1lIS2r5Tl00
5016 26.18 43.4 #Mean
5017 37.9 0 1 #ST[s] OS[mm] it for cr2cm10N25ny4nu4it1lIS2r5Tl00
5018 39.2 0 1 #ST[s] OS[mm] it for cr2cm5S25ny4nu4it1lIS2r5Tl00
5019 33.3 0 1 #ST[s] OS[mm] it for cr2cm10N25ny4nu4it1lIS2r5Tl00
5020 35.0 2 1 #ST[s] OS[mm] it for cr6cm10N25ny4nu4it1lIS2r5Tl00
5021 35.1 0 1 #ST[s] OS[mm] it for cr6cm5S25ny4nu4it1lIS2r5Tl00
5022 38.6 0 1 #ST[s] OS[mm] it for cr6cm10N25ny4nu4it1lIS2r5Tl00
5023 41.3 42 1 #ST[s] OS[mm] it for cr10cm10N25ny4nu4it1lIS2r5Tl00
5024 35.4 0 1 #ST[s] OS[mm] it for cr10cm5S25ny4nu4it1lIS2r5Tl00
5025 33.0 10 1 #ST[s] OS[mm] it for cr10cm10N25ny4nu4it1lIS2r5Tl00
5026 36.53 6.0 #Mean
5027 5027
5028 5028
5029 5029
5030 5030
5031 5031
5032 ####BestST ??
5033 #?b=1;N=20;a=0;d=-.m;spcdata/result/b$[b]
5034 #?f1=sd/net_cr2cm10N$[N]ny4nu4it12IS2r5Tl00it10
5035 #?f2=sd/net_cr2cm10N$[N]ny4nu4it12IS2r5Tl00it16
5036 #?f3=sd/net_cr10cm10N$[N]ny4nu4it12IS2r5Tl00it15
5037 #?f4=sd/net_cr10cm10N$[N]ny4nu4it12IS2r5Tl00it17
5038 #?rm listSS.dat;for cr in 2 6 10; do for cm in 10 55 100; do
5039 #?emulate_crane2 it;1;1 r:5 cr:$cr cm:$cm cc:0.5 umax:10 tt:100 kxt:1 method:12:$N:$b:$a:0:$f1:$f2:
5040 $f3:$f4 DISP:0 listSS:1 T:100 N2s:12 LAMBDA:0.01
5041 #?done;done;cat listSS.dat
5042 #?# $f1:$f2:$f3:$f4
5043 #?21.3 15 1 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it1lIS2r5Tl00
5044 #?25.7 1 1 #ST[s] OS[mm] it for cr2cm5S20ny4nu4it1lIS2r5Tl00
5045 #?25.7 0 1 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it1lIS2r5Tl00
5046 #?21.9 16 1 #ST[s] OS[mm] it for cr6cm10N20ny4nu4it1lIS2r5Tl00
5047 #?23.2 0 1 #ST[s] OS[mm] it for cr6cm5S20ny4nu4it1lIS2r5Tl00
5048 #?25.7 1 1 #ST[s] OS[mm] it for cr6cm10N20ny4nu4it1lIS2r5Tl00
5049 #?25.5 3 1 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it1lIS2r5Tl00
5050 #?25.5 1 1 #ST[s] OS[mm] it for cr10cm5S20ny4nu4it1lIS2r5Tl00
5051 #?25.1 1 1 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it1lIS2r5Tl00
5052 #?#f1
5053 #?21.7 7 1 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it1lIS2r5Tl00
5054 #?24.3 0 1 #ST[s] OS[mm] it for cr2cm5S20ny4nu4it1lIS2r5Tl00
5055 #?22.2 3 1 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it1lIS2r5Tl00
5056 #?22.2 3 1 #ST[s] OS[mm] it for cr6cm10N20ny4nu4it1lIS2r5Tl00
5057 #?22.9 0 1 #ST[s] OS[mm] it for cr6cm5S20ny4nu4it1lIS2r5Tl00
5058 #?23.0 0 1 #ST[s] OS[mm] it for cr6cm10N20ny4nu4it1lIS2r5Tl00
5059 #?23.6 1 1 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it1lIS2r5Tl00
5060 #?23.9 1 1 #ST[s] OS[mm] it for cr10cm5S20ny4nu4it1lIS2r5Tl00
5061 #?23.5 5 1 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it1lIS2r5Tl00
5062 #?#f2
5063 #?23.3 57 1 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it1lIS2r5Tl00
5064 #?22.2 41 1 #ST[s] OS[mm] it for cr2cm5S20ny4nu4it1lIS2r5Tl00
5065 #?22.5 5 1 #ST[s] OS[mm] it for cr6cm10N20ny4nu4it1lIS2r5Tl00
5066 #?22.9 62 1 #ST[s] OS[mm] it for cr6cm5S20ny4nu4it1lIS2r5Tl00
5067 #?22.0 55 1 #ST[s] OS[mm] it for cr6cm10N20ny4nu4it1lIS2r5Tl00
5068 #?22.5 51 1 #ST[s] OS[mm] it for cr6cm5S20ny4nu4it1lIS2r5Tl00
5069 #?22.8 96 1 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it1lIS2r5Tl00
5070 #?20.7 92 1 #ST[s] OS[mm] it for cr10cm5S20ny4nu4it1lIS2r5Tl00
5071 #?22.1 74 1 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it1lIS2r5Tl00
5072 #?#f3
5073 #?19.5 12 1 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it1lIS2r5Tl00
5074 #?18.4 49 1 #ST[s] OS[mm] it for cr2cm5S20ny4nu4it1lIS2r5Tl00
5075 #?19.5 82 1 #ST[s] OS[mm] it for cr6cm10N20ny4nu4it1lIS2r5Tl00
5076 #?20.0 1 1 #ST[s] OS[mm] it for cr6cm10N20ny4nu4it1lIS2r5Tl00
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```
5076 ##?20.2 0 1 #ST[s] OS[mm] it for cr6cm5N20ny4nu4it1IIS2r5Tl00
5077 ##?18.5 84 1 #ST[s] OS[mm] it for cr6cm10N20ny4nu4it1IIS2r5Tl00
5078 ##?18.9 8 1 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it1IIS2r5Tl00
5079 ##?18.4 78 1 #ST[s] OS[mm] it for cr10cm5N20ny4nu4it1IIS2r5Tl00
5080 ##?26.6 6 179 1 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it1IIS2r5Tl00
5081 ##?#14
5082 ##?23.5 31 1 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it1IIS2r5Tl00
5083 ##?26.4 2 1 #ST[s] OS[mm] it for cr2cm5N20ny4nu4it1IIS2r5Tl00
5084 ##?28.3 2 1 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it1IIS2r5Tl00
5085 ##?23.6 21 1 #ST[s] OS[mm] it for cr6cm10N20ny4nu4it1IIS2r5Tl00
5086 ##?29.5 6 1 #ST[s] OS[mm] it for cr6cm5N20ny4nu4it1IIS2r5Tl00
5087 ##?28.3 7 1 #ST[s] OS[mm] it for cr6cm10N20ny4nu4it1IIS2r5Tl00
5088 ##?24.2 23 1 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it1IIS2r5Tl00
5089 ##?27.4 12 1 #ST[s] OS[mm] it for cr10cm5N20ny4nu4it1IIS2r5Tl00
5090 ##?26.4 2 1 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it1IIS2r5Tl00
5091
5092
5093
5094 #(!)
5095 b=1;N=30;a=0;for cr in 2; do for cm in 10; do
5096 $k=$(date-clean,date,time emulate_crane2 it:20.2 r:5 cr:$cr cm:$cm cc:0.5 umax:10 tt:100 kxt:1 metho
d:12:$N) ;$b=${?} ;$a=0 listSS:0 listSS:1 Tl:100 N2s:12 LAMBDA:0.01;date
5097 mkdir ../mspdata;mkdir ../mspdata/data/result/mkdir ../mspdata/data/result/b$[b];mv result-ensrs2ge/net* .
../mspdata/data/result/b$[b]
5098 #mkdir ../mspdata;mkdir ../mspdata/result/mkdir ../mspdata/result/b$[b];cc/
5099 cat listSS.dat;cmd=cat listSS.dat|awk 'BEGIN {vme=1e9} {if($1>0) {v=$2+$1*0.01; if(v<vme) {vme=v;i=$3+
1}}} END {printf("head %d listSS.dat",-i)}' ;recho -n "#BestOS+0.01ST: " ;$cmd | tail -1;cmd=cat listSS.dat|a
wk 'BEGIN {vme=1e9} {if($1>0) {v=$1+0.01*$2; if(v<vme) {vme=v;i=$3+1}}} END {printf("head %d listSS.dat",-i)}' ;
recho -n "#BestST+0.01OS: " ;$cmd | tail -1
5100 done;done
5101 -1.0 0 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
5102 95.5 864 1 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
5103 34.1 557 2 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
5104 20.9 13 3 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
5105 27.5 0 4 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
5106 40.5 1798 5 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
5107 34.7 622 6 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
5108 28.6 12 7 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
5109 25.6 1 8 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
5110 52.3 810 9 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
5111 27.5 0 10 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
5112 18.5 47 11 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
5113 26.3 142 12 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
5114 48.6 1048 13 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
5115 22.4 14 14 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
5116 25.6 1 15 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
5117 27.5 0 16 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
5118 34.8 192 17 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
5119 27.5 144 18 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
5120 43.2 9 19 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
5121 28.9 235 20 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
5122 #BestOS+0.01ST: 27.5 0 4 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
5123 #BestST+0.01OS: 18.5 47 11 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
5124 -1.0 0 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
5125 -1.0 0 5997 1 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
5126 -1.0 0 2 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
5127 35.9 210 3 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
5128 21.7 58 4 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
5129 26.2 1 5 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
5130 34.8 2 6 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
5131 29.7 300 7 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
5132 28.0 135 8 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
5133 35.1 162 9 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
5134 24.4 59 10 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
5135 20.9 71 11 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
5136 28.7 0 12 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
5137 28.6 163 13 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
5138 30.9 1 14 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
5139 24.6 0 15 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
5140 40.6 126 16 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
5141 83.0 32 17 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
5142 35.5 243 18 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
5143 31.7 31 19 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
5144 #BestOS+0.01ST: 24.6 0 15 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
5145 #BestST+0.01OS: 20.9 71 11 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
5146 -1.0 0 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
5147 -1.0 1227 1 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
5148 98.4 410 2 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
5149 48.3 81 3 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
5150 21.5 25 4 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
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5152 26.3 165 5 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
5153 -1.0 6804 6 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
5154 23.8 15 7 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
5155 30.0 4 8 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
5156 31.5 457 9 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
5157 29.6 40 10 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
5158 31.8 3 11 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
5159 43.3 8 12 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
5160 30.0 40 13 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
5161 29.0 169 14 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
5162 37.7 160 15 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
5163 97.7 100 16 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
5164 54.5 0 17 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
5165 38.7 4 18 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
5166 59.6 0 19 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
5167 41.0 30 20 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
5168 #BestOS+0.01ST: 54.5 0 17 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
5169 #BestST+0.01OS: 21.5 25 4 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
5170 -1.0 0 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
5171 99.1 1768 1 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
5172 -1.0 3300 2 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
5173 -1.0 0 3 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
5174 -1.0 2352 4 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
5175 -1.0 2127 5 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
5176 54.0 0 6 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
5177 65.8 0 7 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
5178 -1.0 837 8 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
5179 -1.0 2499 9 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
5180 -1.0 1827 10 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
5181 98.5 246 11 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
5182 -1.0 6374 12 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
5183 -1.0 5133 13 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
5184 -1.0 1374 14 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
5185 -1.0 7580 15 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
5186 -1.0 8928 16 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
5187 -1.0 5382 17 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
5188 -1.0 8959 18 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
5189 34.4 1 19 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
5190 79.2 167 20 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
5191 #BestOS+0.01ST: 54.0 0 6 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
5192 #BestST+0.01OS: 34.0 1 19 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
5193 #(!)
5194 #BestOS+0.01ST: 27.5 0 4 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
5195 #BestOS+0.01ST: 24.6 0 15 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
5196 #BestOS+0.01ST: 54.5 0 17 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
5197 #BestOS+0.01ST: 54.0 0 6 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
5198 #BestST+0.01OS: 18.5 47 11 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
5199 #BestST+0.01OS: 20.9 71 11 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
5200 #BestST+0.01OS: 21.5 25 4 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
5201 #BestST+0.01OS: 34.4 1 19 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
5202 b=1;N=30;a=0;do ../mspdata/data/result/b$[b]
5203 f1=$[a]/net_cr2cm10N30ny4nu4it12IS2r5Tl00it4
5204 f2=$[a]/net_cr2cm10N30ny4nu4it12IS2r5Tl00it15
5205 f3=$[a]/net_cr10cm10N30ny4nu4it12IS2r5Tl00it17
5206 f4=$[a]/net_cr10cm10N30ny4nu4it12IS2r5Tl00it6
5207 rm listSS.dat;be1;N=30;a=0;for cr in 2 6 10; do for cm in 10 55 100; do
5208 emulate_crane2 it:1:1 r:5 cr:$cr cm:$cm cc:0.5 umax:10 tt:100 kxt:1 method:12:$N;$b=${?} ;$a=0 listSS:0 listSS:1 Tl:100 N2s:12 LAMBDA:0.01
5209 done;done;cat listSS.dat
5210
5211 ##N=10
5212 -1.0 0 #ST[s] OS[mm] it for cr2cm10N10ny4nu4it12IS2r5Tl00
5213 75.7 6382 1 #ST[s] OS[mm] it for cr2cm10N10ny4nu4it12IS2r5Tl00
5214 23.2 97 2 #ST[s] OS[mm] it for cr2cm10N10ny4nu4it12IS2r5Tl00
5215 33.7 146 3 #ST[s] OS[mm] it for cr2cm10N10ny4nu4it12IS2r5Tl00
5216 38.6 404 4 #ST[s] OS[mm] it for cr2cm10N10ny4nu4it12IS2r5Tl00
5217 22.9 67 5 #ST[s] OS[mm] it for cr2cm10N10ny4nu4it12IS2r5Tl00
5218 22.0 72 6 #ST[s] OS[mm] it for cr2cm10N10ny4nu4it12IS2r5Tl00
5219 46.1 1495 7 #ST[s] OS[mm] it for cr2cm10N10ny4nu4it12IS2r5Tl00
5220 18.6 96 8 #ST[s] OS[mm] it for cr2cm10N10ny4nu4it12IS2r5Tl00
5221 41.1 448 9 #ST[s] OS[mm] it for cr2cm10N10ny4nu4it12IS2r5Tl00
5222 33.3 275 10 #ST[s] OS[mm] it for cr2cm10N10ny4nu4it12IS2r5Tl00
5223 19.8 19 11 #ST[s] OS[mm] it for cr2cm10N10ny4nu4it12IS2r5Tl00
5224 43.4 756 12 #ST[s] OS[mm] it for cr2cm10N10ny4nu4it12IS2r5Tl00
5225 20.3 72 13 #ST[s] OS[mm] it for cr2cm10N10ny4nu4it12IS2r5Tl00
5226 19.2 43 14 #ST[s] OS[mm] it for cr2cm10N10ny4nu4it12IS2r5Tl00
5227 21.9 21 15 #ST[s] OS[mm] it for cr2cm10N10ny4nu4it12IS2r5Tl00
5228 50.0 1493 16 #ST[s] OS[mm] it for cr2cm10N10ny4nu4it12IS2r5Tl00
5229 22.6 23 17 #ST[s] OS[mm] it for cr2cm10N10ny4nu4it12IS2r5Tl00
5230 36.3 624 18 #ST[s] OS[mm] it for cr2cm10N10ny4nu4it12IS2r5Tl00
5231 22.1 8 19 #ST[s] OS[mm] it for cr2cm10N10ny4nu4it12IS2r5Tl00
5232 19.6 33 20 #ST[s] OS[mm] it for cr2cm10N10ny4nu4it12IS2r5Tl00
```

5233 #BestOS+0.01ST: 22.1 8 19 #ST[s] OS[mm] it for cr2cm10N10ny4nu4iti2IS2r5Tl00
5234 #BestST+0.01OS: 18.6 96 8 #ST[s] OS[mm] it for cr2cm10N10ny4nu4iti2IS2r5Tl00
5235 -1.0 0 #ST[s] OS[mm] it for cr2cm10N10ny4nu4iti2IS2r5Tl00
5236 -1.0 7692 1 #ST[s] OS[mm] it for cr2cm10N10ny4nu4iti2IS2r5Tl00
5237 24.3 29 2 #ST[s] OS[mm] it for cr2cm10N10ny4nu4iti2IS2r5Tl00
5238 24.2 55 3 #ST[s] OS[mm] it for cr2cm10N10ny4nu4iti2IS2r5Tl00
5239 23.9 53 4 #ST[s] OS[mm] it for cr2cm10N10ny4nu4iti2IS2r5Tl00
5240 35.3 160 5 #ST[s] OS[mm] it for cr2cm10N10ny4nu4iti2IS2r5Tl00
5241 37.7 252 6 #ST[s] OS[mm] it for cr2cm10N10ny4nu4iti2IS2r5Tl00
5242 23.4 48 7 #ST[s] OS[mm] it for cr2cm10N10ny4nu4iti2IS2r5Tl00
5243 23.1 96 8 #ST[s] OS[mm] it for cr2cm10N10ny4nu4iti2IS2r5Tl00
5244 34.0 303 9 #ST[s] OS[mm] it for cr2cm10N10ny4nu4iti2IS2r5Tl00
5245 25.5 12 10 #ST[s] OS[mm] it for cr2cm10N10ny4nu4iti2IS2r5Tl00
5246 25.3 22 11 #ST[s] OS[mm] it for cr2cm10N10ny4nu4iti2IS2r5Tl00
5247 25.0 38 12 #ST[s] OS[mm] it for cr2cm10N10ny4nu4iti2IS2r5Tl00
5248 34.1 139 13 #ST[s] OS[mm] it for cr2cm10N10ny4nu4iti2IS2r5Tl00
5249 33.7 161 14 #ST[s] OS[mm] it for cr2cm10N10ny4nu4iti2IS2r5Tl00
5250 37.6 274 15 #ST[s] OS[mm] it for cr2cm10N10ny4nu4iti2IS2r5Tl00
5251 36.1 254 16 #ST[s] OS[mm] it for cr2cm10N10ny4nu4iti2IS2r5Tl00
5252 23.1 91 17 #ST[s] OS[mm] it for cr2cm10N10ny4nu4iti2IS2r5Tl00
5253 24.8 32 18 #ST[s] OS[mm] it for cr2cm10N10ny4nu4iti2IS2r5Tl00
5254 24.0 88 19 #ST[s] OS[mm] it for cr2cm10N10ny4nu4iti2IS2r5Tl00
5255 36.0 210 20 #ST[s] OS[mm] it for cr2cm10N10ny4nu4iti2IS2r5Tl00
5256 #BestOS+0.01ST: 25.5 12 10 #ST[s] OS[mm] it for cr2cm10N10ny4nu4iti2IS2r5Tl00
5257 #BestST+0.01OS: 21.3 91 17 #ST[s] OS[mm] it for cr2cm10N10ny4nu4iti2IS2r5Tl00
5258 -1.0 0 #ST[s] OS[mm] it for cr10cm10N10ny4nu4iti2IS2r5Tl00
5259 99.4 683 1 #ST[s] OS[mm] it for cr10cm10N10ny4nu4iti2IS2r5Tl00
5260 32.9 168 2 #ST[s] OS[mm] it for cr10cm10N10ny4nu4iti2IS2r5Tl00
5261 53.1 3 3 #ST[s] OS[mm] it for cr10cm10N10ny4nu4iti2IS2r5Tl00
5262 41.1 1989 4 #ST[s] OS[mm] it for cr10cm10N10ny4nu4iti2IS2r5Tl00
5263 46.8 1463 5 #ST[s] OS[mm] it for cr10cm10N10ny4nu4iti2IS2r5Tl00
5264 36.5 1 6 #ST[s] OS[mm] it for cr10cm10N10ny4nu4iti2IS2r5Tl00
5265 35.0 4 7 #ST[s] OS[mm] it for cr10cm10N10ny4nu4iti2IS2r5Tl00
5266 31.1 29 8 #ST[s] OS[mm] it for cr10cm10N10ny4nu4iti2IS2r5Tl00
5267 19.6 38 9 #ST[s] OS[mm] it for cr10cm10N10ny4nu4iti2IS2r5Tl00
5268 35.6 10 10 #ST[s] OS[mm] it for cr10cm10N10ny4nu4iti2IS2r5Tl00
5269 33.2 398 11 #ST[s] OS[mm] it for cr10cm10N10ny4nu4iti2IS2r5Tl00
5270 30.6 1 12 #ST[s] OS[mm] it for cr10cm10N10ny4nu4iti2IS2r5Tl00
5271 23.4 17 13 #ST[s] OS[mm] it for cr10cm10N10ny4nu4iti2IS2r5Tl00
5272 17.9 22 14 #ST[s] OS[mm] it for cr10cm10N10ny4nu4iti2IS2r5Tl00
5273 38.9 138 15 #ST[s] OS[mm] it for cr10cm10N10ny4nu4iti2IS2r5Tl00
5274 35.8 379 16 #ST[s] OS[mm] it for cr10cm10N10ny4nu4iti2IS2r5Tl00
5275 32.5 221 17 #ST[s] OS[mm] it for cr10cm10N10ny4nu4iti2IS2r5Tl00
5276 29.4 7 18 #ST[s] OS[mm] it for cr10cm10N10ny4nu4iti2IS2r5Tl00
5277 22.0 46 19 #ST[s] OS[mm] it for cr10cm10N10ny4nu4iti2IS2r5Tl00
5278 22.4 43 20 #ST[s] OS[mm] it for cr10cm10N10ny4nu4iti2IS2r5Tl00
5279 #BestOS+0.01ST: 30.6 1 12 #ST[s] OS[mm] it for cr10cm10N10ny4nu4iti2IS2r5Tl00
5280 #BestST+0.01OS: 17.9 22 14 #ST[s] OS[mm] it for cr10cm10N10ny4nu4iti2IS2r5Tl00
5281 -1.0 0 #ST[s] OS[mm] it for cr10cm10N10ny4nu4iti2IS2r5Tl00
5282 -1.0 1 #ST[s] OS[mm] it for cr10cm10N10ny4nu4iti2IS2r5Tl00
5283 72.2 296 2 #ST[s] OS[mm] it for cr10cm10N10ny4nu4iti2IS2r5Tl00
5284 64.0 582 3 #ST[s] OS[mm] it for cr10cm10N10ny4nu4iti2IS2r5Tl00
5285 56.3 129 4 #ST[s] OS[mm] it for cr10cm10N10ny4nu4iti2IS2r5Tl00
5286 -1.0 4064 5 #ST[s] OS[mm] it for cr10cm10N10ny4nu4iti2IS2r5Tl00
5287 -1.0 7611 6 #ST[s] OS[mm] it for cr10cm10N10ny4nu4iti2IS2r5Tl00
5288 31.9 0 7 #ST[s] OS[mm] it for cr10cm10N10ny4nu4iti2IS2r5Tl00
5289 19.2 24 8 #ST[s] OS[mm] it for cr10cm10N10ny4nu4iti2IS2r5Tl00
5290 21.9 52 9 #ST[s] OS[mm] it for cr10cm10N10ny4nu4iti2IS2r5Tl00
5291 -1.0 424 10 #ST[s] OS[mm] it for cr10cm10N10ny4nu4iti2IS2r5Tl00
5292 28.0 208 11 #ST[s] OS[mm] it for cr10cm10N10ny4nu4iti2IS2r5Tl00
5293 -1.0 0 12 #ST[s] OS[mm] it for cr10cm10N10ny4nu4iti2IS2r5Tl00
5294 -1.0 1386 13 #ST[s] OS[mm] it for cr10cm10N10ny4nu4iti2IS2r5Tl00
5295 43.2 151 14 #ST[s] OS[mm] it for cr10cm10N10ny4nu4iti2IS2r5Tl00
5296 21.9 47 15 #ST[s] OS[mm] it for cr10cm10N10ny4nu4iti2IS2r5Tl00
5297 21.9 91 16 #ST[s] OS[mm] it for cr10cm10N10ny4nu4iti2IS2r5Tl00
5298 -1.0 3543 17 #ST[s] OS[mm] it for cr10cm10N10ny4nu4iti2IS2r5Tl00
5299 45.1 297 18 #ST[s] OS[mm] it for cr10cm10N10ny4nu4iti2IS2r5Tl00
5300 -1.0 884 19 #ST[s] OS[mm] it for cr10cm10N10ny4nu4iti2IS2r5Tl00
5301 23.9 67 20 #ST[s] OS[mm] it for cr10cm10N10ny4nu4iti2IS2r5Tl00
5302 #BestOS+0.01ST: 31.9 0 7 #ST[s] OS[mm] it for cr10cm10N10ny4nu4iti2IS2r5Tl00
5303 #BestST+0.01OS: 19.2 24 8 #ST[s] OS[mm] it for cr10cm10N10ny4nu4iti2IS2r5Tl00
5304 #BestOS+0.01ST: 22.1 8 19 #ST[s] OS[mm] it for cr10cm10N10ny4nu4iti2IS2r5Tl00
5305 #BestOS+0.01ST: 25.5 12 10 #ST[s] OS[mm] it for cr2cm10N10ny4nu4iti2IS2r5Tl00
5306 #BestST+0.01OS: 30.6 1 12 #ST[s] OS[mm] it for cr2cm10N10ny4nu4iti2IS2r5Tl00
5307 #BestOS+0.01ST: 31.9 0 7 #ST[s] OS[mm] it for cr10cm10N10ny4nu4iti2IS2r5Tl00
5308 #BestOS+0.01ST: 31.9 0 7 #ST[s] OS[mm] it for cr10cm10N10ny4nu4iti2IS2r5Tl00
5309 #BestST+0.01OS: 18.6 96 8 #ST[s] OS[mm] it for cr2cm10N10ny4nu4iti2IS2r5Tl00
5310 #BestST+0.01OS: 21.3 91 17 #ST[s] OS[mm] it for cr2cm10N10ny4nu4iti2IS2r5Tl00
5311 #BestST+0.01OS: 17.9 22 14 #ST[s] OS[mm] it for cr10cm10N10ny4nu4iti2IS2r5Tl00
5312 #BestST+0.01OS: 19.2 24 8 #ST[s] OS[mm] it for cr10cm10N10ny4nu4iti2IS2r5Tl00
5313
5314

5315 ##N=50
5316 -1.0 0 0 #ST[s] OS[mm] it for cr2cm10N50ny4nu4iti2IS2r5Tl00
5317 60.8 241 1 #ST[s] OS[mm] it for cr2cm10N50ny4nu4iti2IS2r5Tl00
5318 21.6 23 2 #ST[s] OS[mm] it for cr2cm10N50ny4nu4iti2IS2r5Tl00
5319 30.3 116 3 #ST[s] OS[mm] it for cr2cm10N50ny4nu4iti2IS2r5Tl00
5320 24.3 26 4 #ST[s] OS[mm] it for cr2cm10N50ny4nu4iti2IS2r5Tl00
5321 40.2 42 5 #ST[s] OS[mm] it for cr2cm10N50ny4nu4iti2IS2r5Tl00
5322 36.9 0 6 #ST[s] OS[mm] it for cr2cm10N50ny4nu4iti2IS2r5Tl00
5323 33.5 196 7 #ST[s] OS[mm] it for cr2cm10N50ny4nu4iti2IS2r5Tl00
5324 29.3 2 8 #ST[s] OS[mm] it for cr2cm10N50ny4nu4iti2IS2r5Tl00
5325 29.7 57 9 #ST[s] OS[mm] it for cr2cm10N50ny4nu4iti2IS2r5Tl00
5326 28.3 198 10 #ST[s] OS[mm] it for cr2cm10N50ny4nu4iti2IS2r5Tl00
5327 30.8 0 11 #ST[s] OS[mm] it for cr2cm10N50ny4nu4iti2IS2r5Tl00
5328 46.2 0 12 #ST[s] OS[mm] it for cr2cm10N50ny4nu4iti2IS2r5Tl00
5329 31.4 1 13 #ST[s] OS[mm] it for cr2cm10N50ny4nu4iti2IS2r5Tl00
5330 22.1 24 14 #ST[s] OS[mm] it for cr2cm10N50ny4nu4iti2IS2r5Tl00
5331 32.5 0 15 #ST[s] OS[mm] it for cr2cm10N50ny4nu4iti2IS2r5Tl00
5332 33.2 0 16 #ST[s] OS[mm] it for cr2cm10N50ny4nu4iti2IS2r5Tl00
5333 55.9 1 17 #ST[s] OS[mm] it for cr2cm10N50ny4nu4iti2IS2r5Tl00
5334 29.4 171 18 #ST[s] OS[mm] it for cr2cm10N50ny4nu4iti2IS2r5Tl00
5335 37.5 0 19 #ST[s] OS[mm] it for cr2cm10N50ny4nu4iti2IS2r5Tl00
5336 18.1 20 #ST[s] OS[mm] it for cr2cm10N50ny4nu4iti2IS2r5Tl00
5337 #BestOS+0.01ST: 30.8 0 11 #ST[s] OS[mm] it for cr2cm10N50ny4nu4iti2IS2r5Tl00
5338 #BestST+0.01OS: 20.7 57 9 #ST[s] OS[mm] it for cr2cm10N50ny4nu4iti2IS2r5Tl00
5339 -1.0 0 #ST[s] OS[mm] it for cr2cm10N50ny4nu4iti2IS2r5Tl00
5340 66.3 2078 1 #ST[s] OS[mm] it for cr2cm10N50ny4nu4iti2IS2r5Tl00
5341 21.6 87 2 #ST[s] OS[mm] it for cr2cm10N50ny4nu4iti2IS2r5Tl00
5342 37.8 541 3 #ST[s] OS[mm] it for cr2cm10N50ny4nu4iti2IS2r5Tl00
5343 20.9 77 4 #ST[s] OS[mm] it for cr2cm10N50ny4nu4iti2IS2r5Tl00
5344 35.3 390 5 #ST[s] OS[mm] it for cr2cm10N50ny4nu4iti2IS2r5Tl00
5345 32.8 0 6 #ST[s] OS[mm] it for cr2cm10N50ny4nu4iti2IS2r5Tl00
5346 33.2 1 7 #ST[s] OS[mm] it for cr2cm10N50ny4nu4iti2IS2r5Tl00
5347 26.9 2 8 #ST[s] OS[mm] it for cr2cm10N50ny4nu4iti2IS2r5Tl00
5348 34.4 117 9 #ST[s] OS[mm] it for cr2cm10N50ny4nu4iti2IS2r5Tl00
5349 32.9 56 10 #ST[s] OS[mm] it for cr2cm10N50ny4nu4iti2IS2r5Tl00
5350 32.0 0 11 #ST[s] OS[mm] it for cr2cm10N50ny4nu4iti2IS2r5Tl00
5351 28.1 4 12 #ST[s] OS[mm] it for cr2cm10N50ny4nu4iti2IS2r5Tl00
5352 30.3 95 13 #ST[s] OS[mm] it for cr2cm10N50ny4nu4iti2IS2r5Tl00
5353 39.0 8 14 #ST[s] OS[mm] it for cr2cm10N50ny4nu4iti2IS2r5Tl00
5354 48.8 1348 15 #ST[s] OS[mm] it for cr2cm10N50ny4nu4iti2IS2r5Tl00
5355 22.8 0 16 #ST[s] OS[mm] it for cr2cm10N50ny4nu4iti2IS2r5Tl00
5356 26.7 0 17 #ST[s] OS[mm] it for cr2cm10N50ny4nu4iti2IS2r5Tl00
5357 24.0 11 18 #ST[s] OS[mm] it for cr2cm10N50ny4nu4iti2IS2r5Tl00
5358 35.5 29 19 #ST[s] OS[mm] it for cr2cm10N50ny4nu4iti2IS2r5Tl00
5359 26.8 88 20 #ST[s] OS[mm] it for cr2cm10N50ny4nu4iti2IS2r5Tl00
5360 #BestOS+0.01ST: 22.8 0 16 #ST[s] OS[mm] it for cr2cm10N50ny4nu4iti2IS2r5Tl00
5361 #BestST+0.01OS: 20.7 77 4 #ST[s] OS[mm] it for cr2cm10N50ny4nu4iti2IS2r5Tl00
5362 -1.0 0 #ST[s] OS[mm] it for cr10cm10N50ny4nu4iti2IS2r5Tl00
5363 -1.0 2292 1 #ST[s] OS[mm] it for cr10cm10N50ny4nu4iti2IS2r5Tl00
5364 -1.0 386 2 #ST[s] OS[mm] it for cr10cm10N50ny4nu4iti2IS2r5Tl00
5365 81.0 7 3 #ST[s] OS[mm] it for cr10cm10N50ny4nu4iti2IS2r5Tl00
5366 28.3 4 4 #ST[s] OS[mm] it for cr10cm10N50ny4nu4iti2IS2r5Tl00
5367 36.7 17 5 #ST[s] OS[mm] it for cr10cm10N50ny4nu4iti2IS2r5Tl00
5368 36.8 12 6 #ST[s] OS[mm] it for cr10cm10N50ny4nu4iti2IS2r5Tl00
5369 28.7 12 7 #ST[s] OS[mm] it for cr10cm10N50ny4nu4iti2IS2r5Tl00
5370 32.3 21 8 #ST[s] OS[mm] it for cr10cm10N50ny4nu4iti2IS2r5Tl00
5371 30.2 8 9 #ST[s] OS[mm] it for cr10cm10N50ny4nu4iti2IS2r5Tl00
5372 27.1 58 10 #ST[s] OS[mm] it for cr10cm10N50ny4nu4iti2IS2r5Tl00
5373 33.3 624 11 #ST[s] OS[mm] it for cr10cm10N50ny4nu4iti2IS2r5Tl00
5374 41.3 64 12 #ST[s] OS[mm] it for cr10cm10N50ny4nu4iti2IS2r5Tl00
5375 32.3 33 13 #ST[s] OS[mm] it for cr10cm10N50ny4nu4iti2IS2r5Tl00
5376 41.1 662 14 #ST[s] OS[mm] it for cr10cm10N50ny4nu4iti2IS2r5Tl00
5377 37.6 26 15 #ST[s] OS[mm] it for cr10cm10N50ny4nu4iti2IS2r5Tl00
5378 46.2 1179 16 #ST[s] OS[mm] it for cr10cm10N50ny4nu4iti2IS2r5Tl00
5379 39.8 5 17 #ST[s] OS[mm] it for cr10cm10N50ny4nu4iti2IS2r5Tl00
5380 45.5 0 18 #ST[s] OS[mm] it for cr10cm10N50ny4nu4iti2IS2r5Tl00
5381 35.1 25 19 #ST[s] OS[mm] it for cr10cm10N50ny4nu4iti2IS2r5Tl00
5382 41.8 6 20 #ST[s] OS[mm] it for cr10cm10N50ny4nu4iti2IS2r5Tl00
5383 #BestOS+0.01ST: 45.5 0 18 #ST[s] OS[mm] it for cr10cm10N50ny4nu4iti2IS2r5Tl00
5384 #BestST+0.01OS: 27.1 58 10 #ST[s] OS[mm] it for cr10cm10N50ny4nu4iti2IS2r5Tl00
5385 -1.0 0 #ST[s] OS[mm] it for cr10cm10N50ny4nu4iti2IS2r5Tl00
5386 -1.0 4214 1 #ST[s] OS[mm] it for cr10cm10N50ny4nu4iti2IS2r5Tl00
5387 -1.0 177 2 #ST[s] OS[mm] it for cr10cm10N50ny4nu4iti2IS2r5Tl00
5388 -1.0 703 3 #ST[s] OS[mm] it for cr10cm10N50ny4nu4iti2IS2r5Tl00
5389 -1.0 0 4 #ST[s] OS[mm] it for cr10cm10N50ny4nu4iti2IS2r5Tl00
5390 -1.0 862 5 #ST[s] OS[mm] it for cr10cm10N50ny4nu4iti2IS2r5Tl00
5391 -1.0 131 6 #ST[s] OS[mm] it for cr10cm10N50ny4nu4iti2IS2r5Tl00
5392 -1.0 2326 7 #ST[s] OS[mm] it for cr10cm10N50ny4nu4iti2IS2r5Tl00
5393 -1.0 363 8 #ST[s] OS[mm] it for cr10cm10N50ny4nu4iti2IS2r5Tl00
5394 -1.0 2338 9 #ST[s] OS[mm] it for cr10cm10N50ny4nu4iti2IS2r5Tl00
5395 99.1 21 10 #ST[s] OS[mm] it for cr10cm10N50ny4nu4iti2IS2r5Tl00
5396 -1.0 6782 11 #ST[s] OS[mm] it for cr10cm10N50ny4nu4iti2IS2r5Tl00

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5397 -1.0 2665 12 #ST[s] OS[mm] it for cr10cm100N50ny4nu4it12IS2+5Tl00
5398 84.5 0 13 #ST[s] OS[mm] it for cr10cm100N50ny4nu4it12IS2+5Tl00
5399 48.8 37 14 #ST[s] OS[mm] it for cr10cm100N50ny4nu4it12IS2+5Tl00
5400 -1.0 37 14 #ST[s] OS[mm] it for cr10cm100N50ny4nu4it12IS2+5Tl00
5401 -1.0 3069 16 #ST[s] OS[mm] it for cr10cm100N50ny4nu4it12IS2+5Tl00
5402 53.5 12 17 #ST[s] OS[mm] it for cr10cm100N50ny4nu4it12IS2+5Tl00
5403 -1.0 0 18 #ST[s] OS[mm] it for cr10cm100N50ny4nu4it12IS2+5Tl00
5404 -1.0 687 19 #ST[s] OS[mm] it for cr10cm100N50ny4nu4it12IS2+5Tl00
5405 -1.0 855 20 #ST[s] OS[mm] it for cr10cm100N50ny4nu4it12IS2+5Tl00
5406 #BestOS+0.01St: 84.5 0 13 #ST[s] OS[mm] it for cr10cm100N50ny4nu4it12IS2+5Tl00
5407 #BestST+0.01OS: 48.8 37 14 #ST[s] OS[mm] it for cr10cm100N50ny4nu4it12IS2+5Tl00
5408
5409
5410
5411 #gcc done at ./home/kuro/sotu/2012gcc/mspc
5412 bnlN=20;ra=0;for cr in 2 10; do for cm in 10 100; do
5413 make data-clean;date;time emulate.crane2 it:20;2 r:5 cr:$cr cm:$cm cc:0.5 umax:10 tt:100 kxt:1 metho
d:12;$[N]:$[b]:$a:0 DISP:0 listSS:1 r:100 N2s:12 LAMBDA:0.01;date
5414 mkdir ../mspdata;mkdir ../mspdata/result;mkdir ../mspdata/result/b$[b];mv result-ensr2ge/net* .
../mspdata/result/b$[b];
5415 mkdir ../mspdata;mkdir ../mspdata/result;mkdir ../mspdata/result/b$[b];cc:mv result-ensr2ge/ne
t* ../mspdata/result/b$[b];cc/ #ls -lR ../mspdata/result/b$[b];cc/
5416 cat listSS.dat;cmd=`cat listSS.dat |awk 'BEGIN {vme=le} {if ($1=0) {v=$2+$1*0.01; if (v<vm) {vm=v;i=$3+
1}}} END {printf("head %d listSS.dat",-i)}};recho -n "#BestOS+0.01St: ";$cmd | tail -1;cmd=`cat listSS.dat |a
wk 'BEGIN {vme=le} {if ($1=0) {v=$1+0.01*$2; if (v<vm) {vm=v;i=$3+1}}} END {printf("head %d listSS.dat",-i)}};
recho -n "#BestST+0.01OS: ";$cmd | tail -1
5417 done;done
5418 -1.0 0 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it12IS2+5Tl00
5419 -1.0 10957 1 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it12IS2+5Tl00
5420 23.8 40 2 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it12IS2+5Tl00
5421 29.3 118 3 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it12IS2+5Tl00
5422 25.2 0 4 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it12IS2+5Tl00
5423 33.5 268 5 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it12IS2+5Tl00
5424 32.9 274 6 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it12IS2+5Tl00
5425 20.9 0 7 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it12IS2+5Tl00
5426 20.6 63 8 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it12IS2+5Tl00
5427 34.3 466 9 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it12IS2+5Tl00
5428 32.5 0 10 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it12IS2+5Tl00
5429 25.2 64 11 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it12IS2+5Tl00
5430 24.2 61 12 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it12IS2+5Tl00
5431 22.0 13 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it12IS2+5Tl00
5432 34.9 14 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it12IS2+5Tl00
5433 22.3 37 15 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it12IS2+5Tl00
5434 39.7 1381 16 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it12IS2+5Tl00
5435 32.7 177 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it12IS2+5Tl00
5436 38.5 1666 18 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it12IS2+5Tl00
5437 23.2 13 19 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it12IS2+5Tl00
5438 22.0 107 20 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it12IS2+5Tl00
5439 #BestOS+0.01St: 20.9 0 7 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it12IS2+5Tl00
5440 #BestST+0.01OS: 20.9 0 7 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it12IS2+5Tl00
5441 -1.0 0 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it12IS2+5Tl00
5442 94.5 342 1 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it12IS2+5Tl00
5443 27.3 5 2 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it12IS2+5Tl00
5444 28.2 23 3 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it12IS2+5Tl00
5445 26.6 5 4 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it12IS2+5Tl00
5446 27.3 6 5 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it12IS2+5Tl00
5447 22.4 84 6 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it12IS2+5Tl00
5448 40.2 317 7 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it12IS2+5Tl00
5449 31.2 0 8 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it12IS2+5Tl00
5450 30.9 4 9 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it12IS2+5Tl00
5451 24.2 30 10 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it12IS2+5Tl00
5452 31.3 0 11 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it12IS2+5Tl00
5453 29.6 7 12 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it12IS2+5Tl00
5454 36.2 200 13 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it12IS2+5Tl00
5455 24.3 0 14 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it12IS2+5Tl00
5456 32.5 1 15 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it12IS2+5Tl00
5457 36.0 0 16 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it12IS2+5Tl00
5458 33.2 0 17 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it12IS2+5Tl00
5459 22.1 59 18 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it12IS2+5Tl00
5460 33.0 143 19 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it12IS2+5Tl00
5461 60.1 1298 20 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it12IS2+5Tl00
5462 #BestOS+0.01St: 24.3 0 14 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it12IS2+5Tl00
5463 #BestST+0.01OS: 22.1 59 18 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it12IS2+5Tl00
5464 -1.0 0 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2+5Tl00
5465 -1.0 331 1 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2+5Tl00
5466 26.8 13 2 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2+5Tl00
5467 24.2 60 3 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2+5Tl00
5468 67.6 0 4 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2+5Tl00
5469 25.4 117 5 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2+5Tl00
5470 64.8 72 6 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2+5Tl00
5471 45.4 1747 7 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2+5Tl00
5472 28.4 8 8 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2+5Tl00
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5473 25.9 3 9 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2+5Tl00
5474 25.9 67 10 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2+5Tl00
5475 41.7 12 11 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2+5Tl00
5476 37.0 18 12 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2+5Tl00
5477 34.1 272 13 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2+5Tl00
5478 41.9 1 14 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2+5Tl00
5479 -1.0 409 15 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2+5Tl00
5480 30.7 2 16 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2+5Tl00
5481 29.6 1 17 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2+5Tl00
5482 36.1 1 18 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2+5Tl00
5483 28.3 16 19 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2+5Tl00
5484 35.3 2 20 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2+5Tl00
5485 #BestOS+0.01St: 67.6 0 4 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2+5Tl00
5486 #BestST+0.01OS: 24.2 60 3 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2+5Tl00
5487 -1.0 0 0 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2+5Tl00
5488 -1.0 7605 1 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2+5Tl00
5489 -1.0 2854 2 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2+5Tl00
5490 -1.0 6830 3 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2+5Tl00
5491 31.8 0 4 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2+5Tl00
5492 42.0 0 5 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2+5Tl00
5493 33.1 11 6 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2+5Tl00
5494 53.8 0 7 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2+5Tl00
5495 35.4 0 8 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2+5Tl00
5496 50.3 9 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2+5Tl00
5497 -1.0 660 10 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2+5Tl00
5498 48.1 343 11 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2+5Tl00
5499 49.6 14 12 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2+5Tl00
5500 47.5 1223 13 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2+5Tl00
5501 68.6 0 14 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2+5Tl00
5502 53.5 0 15 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2+5Tl00
5503 -1.0 2970 16 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2+5Tl00
5504 59.6 1106 17 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2+5Tl00
5505 -1.0 1930 18 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2+5Tl00
5506 71.3 985 19 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2+5Tl00
5507 58.8 1048 20 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2+5Tl00
5508 #BestOS+0.01St: 31.8 0 4 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2+5Tl00
5509 #BestST+0.01OS: 31.8 0 4 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2+5Tl00
5510 #2)
5511 #BestOS+0.01St: 20.9 0 7 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it12IS2+5Tl00
5512 #BestOS+0.01St: 24.3 0 14 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it12IS2+5Tl00
5513 #BestOS+0.01St: 67.6 0 4 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2+5Tl00
5514 #BestOS+0.01St: 31.8 0 4 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2+5Tl00
5515 #BestST+0.01OS: 20.9 0 7 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it12IS2+5Tl00
5516 #BestST+0.01OS: 22.1 59 18 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it12IS2+5Tl00
5517 #BestST+0.01OS: 24.2 60 3 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it12IS2+5Tl00
5518 #BestST+0.01OS: 31.8 0 4 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it12IS2+5Tl00
5519 ##BestOS
5520 bnlN=20;ra=0;../mspdata/result/b$[b];
5521 fl=$[b]/net.cr2cm10N$[N]ny4nu4it12IS2+5Tl00it7
5522 f2=$[b]/net.cr2cm10N$[N]ny4nu4it12IS2+5Tl00it14
5523 f3=$[b]/net.cr10cm10N$[N]ny4nu4it12IS2+5Tl00it14
5524 f4=$[b]/net.cr10cm10N$[N]ny4nu4it12IS2+5Tl00it4
5525 rm listSS.dat;for cr in 2 6 10; do for cm in 10 55 100; do
5526 emulate.crane2 it:1;1 r:5 cr:$cr cm:$cm cc:0.5 umax:10 tt:100 kxt:1 method:12:$N:$b:$a:0:$fl:$f2:$f3
:$f4 disp:0 listSS:1 r:100 N2s:12 LAMBDA:0.01
5527 done;done;cat listSS.dat;cat listSS.dat |awk 'BEGIN {sl=$1;S2=$2;n=0} {sl+=sl;S2+=S2;n++;} END {printf ("%2f
%3f %Mean%\n",S1/n,S2/n)};
5528 #fl:$f2:$f3:$f4 for Ne=20
5529 40.6 0 1 #ST[s] OS[mm] it for cr2cm5N20ny4nu4it11IS2+5Tl00
5530 33.4 0 1 #ST[s] OS[mm] it for cr2cm5N20ny4nu4it11IS2+5Tl00
5531 24.9 0 1 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it11IS2+5Tl00
5532 40.2 0 1 #ST[s] OS[mm] it for cr6cm10N20ny4nu4it11IS2+5Tl00
5533 40.8 0 1 #ST[s] OS[mm] it for cr6cm5N20ny4nu4it11IS2+5Tl00
5534 41.1 0 1 #ST[s] OS[mm] it for cr6cm10N20ny4nu4it11IS2+5Tl00
5535 43.2 0 1 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it11IS2+5Tl00
5536 46.0 0 1 #ST[s] OS[mm] it for cr10cm5N20ny4nu4it11IS2+5Tl00
5537 41.1 0 1 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it11IS2+5Tl00
5538 39.03 0.0 #Mean
5539 #fl
5540 20.9 0 1 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it11IS2+5Tl00
5541 20.2 0 1 #ST[s] OS[mm] it for cr2cm5N20ny4nu4it11IS2+5Tl00
5542 26.9 148 1 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it11IS2+5Tl00
5543 19.4 42 1 #ST[s] OS[mm] it for cr6cm10N20ny4nu4it11IS2+5Tl00
5544 23.0 10 1 #ST[s] OS[mm] it for cr6cm5N20ny4nu4it11IS2+5Tl00
5545 19.9 3 1 #ST[s] OS[mm] it for cr6cm10N20ny4nu4it11IS2+5Tl00
5546 22.8 25 1 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it11IS2+5Tl00
5547 21.3 0 1 #ST[s] OS[mm] it for cr10cm5N20ny4nu4it11IS2+5Tl00
5548 20.2 0 1 #ST[s] OS[mm] it for cr10cm10N20ny4nu4it11IS2+5Tl00
5549 21.62 25.3 #Mean
5550 #fl2
5551 32.9 2 1 #ST[s] OS[mm] it for cr2cm10N20ny4nu4it11IS2+5Tl00
5552 25.2 99 1 #ST[s] OS[mm] it for cr2cm5N20ny4nu4it11IS2+5Tl00
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5553 24.3 0 1 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it1iIS2r5Tl00
5554 29.0 13 1 #ST[s] OS[mm] it for cr6cm100N20ny4nu4it1iIS2r5Tl00
5555 36.1 5 1 #ST[s] OS[mm] it for cr6cm55N20ny4nu4it1iIS2r5Tl00
5556 45.4 254 1 #ST[s] OS[mm] it for cr6cm100N20ny4nu4it1iIS2r5Tl00
5557 33.6 32 1 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it1iIS2r5Tl00
5558 33.4 18 1 #ST[s] OS[mm] it for cr10cm55N20ny4nu4it1iIS2r5Tl00
5559 33.4 54 1 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it1iIS2r5Tl00
5560 32.37 53.0 #Mean
5561 #f3
5562 64.8 0 1 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it1iIS2r5Tl00
5563 58.4 0 1 #ST[s] OS[mm] it for cr2cm55N20ny4nu4it1iIS2r5Tl00
5564 39.1 0 1 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it1iIS2r5Tl00
5565 65.6 0 1 #ST[s] OS[mm] it for cr6cm100N20ny4nu4it1iIS2r5Tl00
5566 60.5 0 1 #ST[s] OS[mm] it for cr6cm55N20ny4nu4it1iIS2r5Tl00
5567 41.1 0 1 #ST[s] OS[mm] it for cr6cm100N20ny4nu4it1iIS2r5Tl00
5568 67.6 0 1 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it1iIS2r5Tl00
5569 46.1 0 1 #ST[s] OS[mm] it for cr10cm55N20ny4nu4it1iIS2r5Tl00
5570 41.9 0 1 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it1iIS2r5Tl00
5571 53.90 0.0 #Mean
5572 #f4
5573 74.9 3804 1 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it1iIS2r5Tl00
5574 40.7 0 1 #ST[s] OS[mm] it for cr2cm55N20ny4nu4it1iIS2r5Tl00
5575 41.3 0 1 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it1iIS2r5Tl00
5576 38.8 0 1 #ST[s] OS[mm] it for cr6cm100N20ny4nu4it1iIS2r5Tl00
5577 -1.0 6147 1 #ST[s] OS[mm] it for cr6cm55N20ny4nu4it1iIS2r5Tl00
5578 87.9 3973 1 #ST[s] OS[mm] it for cr6cm100N20ny4nu4it1iIS2r5Tl00
5579 -1.0 5381 1 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it1iIS2r5Tl00
5580 -1.0 6508 1 #ST[s] OS[mm] it for cr10cm55N20ny4nu4it1iIS2r5Tl00
5581 31.8 0 1 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it1iIS2r5Tl00
5582 34.71 2868.1 #Mean
5583 #BestST
5584 b=1:N=20;a=0;d=-.m$pcdata/result/b$[b]
5585 f1=sd/net.cr2cm100N$[N]ny4nu4it1i2IS2r5Tl00it18
5586 f1=sd/net.cr2cm100N$[N]ny4nu4it1i2IS2r5Tl00it18
5587 f3=sd/net.cr10cm100N$[N]ny4nu4it1i2IS2r5Tl00it3
5588 f4=sd/net.cr10cm100N$[N]ny4nu4it1i2IS2r5Tl00it4
5589 rm listSS.dat;for i in 2 6 10; do for cm in 10 55 100; do
5590 emulate_crane2 t1:r1 r15 cr:$cr cm:$cm cc:0.5 umax:10 tt:100 kxt:1 method:12;$N:$b;$a:0;$f1:$f2;$f3
5591 $f4 Disp0:0 listSS:1 T:100 Nzs:12 LAMBDA:0.01
5592 %If #Mean$N,"$1/N,$2/N";%
5593 %If1:$f1:$f2;$f3;$f4 for Ne=20
5594 23.3 0 1 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it1iIS2r5Tl00
5595 25.6 0 1 #ST[s] OS[mm] it for cr2cm55N20ny4nu4it1iIS2r5Tl00
5596 28.3 0 1 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it1iIS2r5Tl00
5597 27.6 1 1 #ST[s] OS[mm] it for cr6cm100N20ny4nu4it1iIS2r5Tl00
5598 29.4 503 1 #ST[s] OS[mm] it for cr6cm55N20ny4nu4it1iIS2r5Tl00
5599 27.6 194 1 #ST[s] OS[mm] it for cr6cm100N20ny4nu4it1iIS2r5Tl00
5600 30.4 0 1 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it1iIS2r5Tl00
5601 34.6 0 1 #ST[s] OS[mm] it for cr10cm55N20ny4nu4it1iIS2r5Tl00
5602 33.2 8 1 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it1iIS2r5Tl00
5603 38.8 78.8 #Mean
5604 20.9 0 1 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it1iIS2r5Tl00
5605 20.2 0 1 #ST[s] OS[mm] it for cr2cm55N20ny4nu4it1iIS2r5Tl00
5606 26.9 148 1 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it1iIS2r5Tl00
5607 19.4 42 1 #ST[s] OS[mm] it for cr6cm100N20ny4nu4it1iIS2r5Tl00
5608 23.0 10 1 #ST[s] OS[mm] it for cr6cm55N20ny4nu4it1iIS2r5Tl00
5609 19.9 3 1 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it1iIS2r5Tl00
5610 22.8 25 1 #ST[s] OS[mm] it for cr10cm55N20ny4nu4it1iIS2r5Tl00
5611 21.3 0 1 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it1iIS2r5Tl00
5612 20.2 0 1 #ST[s] OS[mm] it for cr10cm55N20ny4nu4it1iIS2r5Tl00
5613 21.62 25.3 #Mean
5614 #f2
5615 21.1 99 1 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it1iIS2r5Tl00
5616 22.1 89 1 #ST[s] OS[mm] it for cr2cm55N20ny4nu4it1iIS2r5Tl00
5617 22.1 59 1 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it1iIS2r5Tl00
5618 22.2 64 1 #ST[s] OS[mm] it for cr6cm100N20ny4nu4it1iIS2r5Tl00
5619 31.0 114 1 #ST[s] OS[mm] it for cr6cm55N20ny4nu4it1iIS2r5Tl00
5620 23.6 46 1 #ST[s] OS[mm] it for cr6cm100N20ny4nu4it1iIS2r5Tl00
5621 25.3 53 1 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it1iIS2r5Tl00
5622 30.9 108 1 #ST[s] OS[mm] it for cr10cm55N20ny4nu4it1iIS2r5Tl00
5623 22.2 55 1 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it1iIS2r5Tl00
5624 24.50 76.3 #Mean
5625 #f3
5626 26.7 3 1 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it1iIS2r5Tl00
5627 26.4 43 1 #ST[s] OS[mm] it for cr2cm55N20ny4nu4it1iIS2r5Tl00
5628 24.1 23 1 #ST[s] OS[mm] it for cr6cm100N20ny4nu4it1iIS2r5Tl00
5629 24.8 37 1 #ST[s] OS[mm] it for cr6cm55N20ny4nu4it1iIS2r5Tl00
5630 24.4 10 1 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it1iIS2r5Tl00
5631 25.2 39 1 #ST[s] OS[mm] it for cr10cm55N20ny4nu4it1iIS2r5Tl00
5632 24.2 60 1 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it1iIS2r5Tl00
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5633 33.4 3 1 #ST[s] OS[mm] it for cr10cm55N20ny4nu4it1iIS2r5Tl00
5634 23.2 18 1 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it1iIS2r5Tl00
5635 28.64 29.6 #Mean
5636 #f4
5637 74.9 3804 1 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it1iIS2r5Tl00
5638 40.7 0 1 #ST[s] OS[mm] it for cr2cm55N20ny4nu4it1iIS2r5Tl00
5639 41.3 0 1 #ST[s] OS[mm] it for cr2cm100N20ny4nu4it1iIS2r5Tl00
5640 38.8 0 1 #ST[s] OS[mm] it for cr6cm100N20ny4nu4it1iIS2r5Tl00
5641 -1.0 6147 1 #ST[s] OS[mm] it for cr6cm55N20ny4nu4it1iIS2r5Tl00
5642 87.9 3973 1 #ST[s] OS[mm] it for cr6cm100N20ny4nu4it1iIS2r5Tl00
5643 -1.0 5381 1 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it1iIS2r5Tl00
5644 -1.0 6508 1 #ST[s] OS[mm] it for cr10cm55N20ny4nu4it1iIS2r5Tl00
5645 31.8 0 1 #ST[s] OS[mm] it for cr10cm100N20ny4nu4it1iIS2r5Tl00
5646 34.71 2868.1 #Mean
5647 #goc
5648 #goc
5649 b=1:N=30;a=0;for cr in 2; do for cm in 10; do
5650 make data-clean;date;time emulate_crane2 tt:20:2 r:5 cr:$cr cm:$cm cc:0.5 umax:10 tt:100 kxt:1 metho
d:12;$[N]:$[b]:$a:0 Disp0:0 listSS:1 T:100 Nzs:12 LAMBDA:0.01;date
5651 mkdir ../mspcdata/mkdir ../mspcdata/result/mkdir ../mspcdata/result/b$[b];mv result-ensrs2gse/net*
../mspcdata/result/b$[b]/
5652 mkdir ../mspcdata/mkdir ../mspcdata/result/mkdir ../mspcdata/result/b$[b]loc/
t*../mspcdata/result/b$[b]loc/ #Is -lR ../mspcdata/result/b$[b]loc/
5653 cat listSS.dat;cmd='cat listSS.dat|awk 'BEGIN {vm=leg} {if($1>0) {v=$2+$1*0.01; if(v<vm) {vm=v+$3+
1}} END {printf("head %d listSS.dat",-i)}}'>echo -n "#BestOS=0.01st: ";$cmd | tail -l;cmd='cat listSS.dat|a
wk 'BEGIN {vm=leg} {if($1>0) {v=$1+0.01*$2; if(v<vm) {vm=v+$3+1}} END {printf("head %d listSS.dat",-i)}}'>
echo -n "#BestST=0.01OS: ";$cmd | tail -l
5654 done;done
5655 -1.0 0 0 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it1i2IS2r5Tl00
5656 95.5 864 1 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it1i2IS2r5Tl00
5657 27.2 8 2 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it1i2IS2r5Tl00
5658 28.0 126 3 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it1i2IS2r5Tl00
5659 28.6 0 4 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it1i2IS2r5Tl00
5660 30.6 0 5 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it1i2IS2r5Tl00
5661 32.6 0 6 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it1i2IS2r5Tl00
5662 29.2 1 7 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it1i2IS2r5Tl00
5663 35.3 0 8 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it1i2IS2r5Tl00
5664 30.8 0 9 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it1i2IS2r5Tl00
5665 20.1 29 10 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it1i2IS2r5Tl00
5666 34.8 474 11 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it1i2IS2r5Tl00
5667 26.0 26 12 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it1i2IS2r5Tl00
5668 33.3 381 13 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it1i2IS2r5Tl00
5669 50.0 105 14 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it1i2IS2r5Tl00
5670 27.3 0 15 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it1i2IS2r5Tl00
5671 27.1 7 16 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it1i2IS2r5Tl00
5672 52.3 1 17 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it1i2IS2r5Tl00
5673 23.3 9 18 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it1i2IS2r5Tl00
5674 31.6 0 19 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it1i2IS2r5Tl00
5675 18.3 88 20 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it1i2IS2r5Tl00
5676 #BestOS=0.01st: 27.3 0 15 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it1i2IS2r5Tl00
5677 #BestST=0.01OS: 18.3 88 20 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it1i2IS2r5Tl00
5678 -1.0 0 0 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it1i2IS2r5Tl00
5679 -1.0 5997 1 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it1i2IS2r5Tl00
5680 -1.0 0 2 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it1i2IS2r5Tl00
5681 32.1 139 3 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it1i2IS2r5Tl00
5682 21.7 89 4 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it1i2IS2r5Tl00
5683 23.1 86 5 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it1i2IS2r5Tl00
5684 23.6 70 6 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it1i2IS2r5Tl00
5685 29.2 29 7 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it1i2IS2r5Tl00
5686 28.7 3 8 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it1i2IS2r5Tl00
5687 19.8 39 9 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it1i2IS2r5Tl00
5688 27.0 10 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it1i2IS2r5Tl00
5689 29.2 11 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it1i2IS2r5Tl00
5690 28.3 12 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it1i2IS2r5Tl00
5691 25.9 30 13 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it1i2IS2r5Tl00
5692 26.3 39 14 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it1i2IS2r5Tl00
5693 26.4 1 15 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it1i2IS2r5Tl00
5694 33.3 0 16 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it1i2IS2r5Tl00
5695 27.6 10 17 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it1i2IS2r5Tl00
5696 24.6 26 18 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it1i2IS2r5Tl00
5697 23.4 40 19 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it1i2IS2r5Tl00
5698 22.6 25 20 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it1i2IS2r5Tl00
5699 #BestOS=0.01st: 19.8 39 9 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it1i2IS2r5Tl00
5700 #BestST=0.01OS: 18.3 88 20 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it1i2IS2r5Tl00
5701 -1.0 0 0 #ST[s] OS[mm] it for cr10cm100N30ny4nu4it1i2IS2r5Tl00
5702 -1.0 1227 1 #ST[s] OS[mm] it for cr10cm100N30ny4nu4it1i2IS2r5Tl00
5703 98.4 410 2 #ST[s] OS[mm] it for cr10cm100N30ny4nu4it1i2IS2r5Tl00
5704 18.3 78 3 #ST[s] OS[mm] it for cr10cm100N30ny4nu4it1i2IS2r5Tl00
5705 24.8 6 4 #ST[s] OS[mm] it for cr10cm100N30ny4nu4it1i2IS2r5Tl00
5706 24.4 18 5 #ST[s] OS[mm] it for cr10cm100N30ny4nu4it1i2IS2r5Tl00
5707 36.6 676 6 #ST[s] OS[mm] it for cr10cm100N30ny4nu4it1i2IS2r5Tl00
5708 49.0 6 7 #ST[s] OS[mm] it for cr10cm100N30ny4nu4it1i2IS2r5Tl00
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5709 33.9 5 8 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5710 34.7 670 9 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5711 34.5 11 10 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5712 23.4 11 11 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5713 34.5 11 12 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5714 43.5 3 13 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5715 34.3 3 14 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5716 40.9 0 15 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5717 19.2 20 16 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5718 40.6 769 17 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5719 49.3 1133 18 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5720 38.7 2 19 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5721 38.6 1 20 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5722 #BestOS+0.01ST: 40.9 0 15 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5723 #BestST+0.01OS: 38.3 78 3 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5724 -1.0 0 0 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5725 99.1 1768 1 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5726 -1.0 3300 2 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5727 -1.0 0 3 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5728 91.6 312 4 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5729 -1.0 843 5 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5730 -1.0 6041 6 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5731 98.9 1520 7 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5732 -1.0 3516 8 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5733 44.0 163 9 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5734 -1.0 1757 10 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5735 -1.0 239 11 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5736 98.4 1381 12 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5737 47.1 2 13 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5738 -1.0 941 14 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5739 -1.0 957 15 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5740 -1.0 4436 16 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5741 -1.0 0 17 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5742 -1.0 1206 18 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5743 -1.0 3375 19 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5744 -1.0 404 20 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5745 #BestOS+0.01ST: 47.1 2 13 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5746 #BestST+0.01OS: 44.0 163 9 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5747 # (2)
5748 #BestOS+0.01ST: 27.3 0 15 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti2IS2z5rTl00
5749 #BestST+0.01OS: 18.3 88 20 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti2IS2z5rTl00
5750 #BestOS+0.01ST: 33.3 0 16 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti2IS2z5rTl00
5751 #BestST+0.01OS: 19.8 39 9 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti2IS2z5rTl00
5752 #BestOS+0.01ST: 40.9 0 15 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5753 #BestST+0.01OS: 18.3 78 3 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5754 #BestOS+0.01ST: 47.1 2 13 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5755 #BestST+0.01OS: 44.0 163 9 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5756 b-1.N=20:aa=0:de-../mspdatadata/result/b$[b]
5757 f1=sd/net_cr2cm10N$[N]ny4nu4iti2IS2r5Tl00it11
5758 f2=sd/net_cr2cm10N$[N]ny4nu4iti2IS2r5Tl00it8
5759 f3=sd/net_cr10cm10N$[N]ny4nu4iti2IS2r5Tl00it18
5760 f4=sd/net_cr10cm10N$[N]ny4nu4iti2IS2r5Tl00it10
5761 rm listSS.dat:for cr in 2 6 10; do for cm in 10 55 100; do
5762 emulate crane2 it:1; r:5 cr:$cr cm:$cm cC:0.5 umax:10 tt:100 kxt:1 method:12:$N:$B:$a:0:$f1:$f2:$f3
5763 done;done;cat listSS.dat:cat listSS.dat [awk 'BEGIN {S1=S2=n=0} {S1+=S1:S2+=S2:n++;} END{printf("%$.2f
%1f #MeanN","S1/n,S2/n)}'
5764
5765 #####
5766 #####
5767 2012.05.18
5768 #for ICONIP2012 ?
5769 #Use single CAN2 and utilize SettlingTime/Overshoot control
5770 #single CAN2
5771 b-1.N=30:aa=0:for cr in 2 10; do for cm in 10 100; do
5772 make data-clean;date;time emulate_crane2 it:20:2 r:5 cr:$cr cm:$cm cC:0.5 umax:10 tt:100 kxt:1 metho
d:12:$[N]:$[b]:$a:0 DISP:0 listSS:1 T:100 N2s:12 LAMBDA:0.01:date
5773 mkdir ../mspdatadata/mkdir ../mspdatadata/result/b$[b];mv result-ensrs2ge/net* .
../mspdatadata/result/b$[b]/
5774 mkdir ../mspdatadata/mkdir ../mspdatadata/result/mkdir ../mspdatadata/result/b$[b];mv result-ensrs2ge/he
t* ../mspdatadata/result/b$[b];cc/ $ls -lR ../mspdatadata/result/b$[b];cc/
5775 cat listSS.dat:cmd=cat listSS.dat [awk 'BEGIN {vme=1es} {if($1=0) {v=52-$1*0.01; if(v<vm) {vm=v;i=$+
1}}} END {printf("head %d listSS.dat"-i)}};echo -n "#BestOS+0.01ST: " $Scmd | tail -1;cmd=cat listSS.dat[a
wk 'BEGIN {vme=1es} {if($1=0) {v=$1*0.01+$2; if(v<vm) {vm=v;i=$+1}}} END {printf("head %d listSS.dat"-i)}};
echo -n "#BestST+0.01OS: " $Scmd | tail -1
5776 done;done
5777 real9m55.083s user8m23.223s sys0m50.139s
5778 -1.0 0 0 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti2IS2z5rTl00
5779 -1.0 4121 1 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti2IS2z5rTl00
5780 -1.0 259 2 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti2IS2z5rTl00
5781 20.4 79 3 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti2IS2z5rTl00
5782 29.9 115 4 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti2IS2z5rTl00
```

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5783 38.3 1200 5 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti2IS2z5rTl00
5784 39.5 1 6 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti2IS2z5rTl00
5785 23.8 13 7 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti2IS2z5rTl00
5786 19.9 52 8 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti2IS2z5rTl00
5787 29.8 1 9 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti2IS2z5rTl00
5788 43.0 3 10 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti2IS2z5rTl00
5789 47.1 124 11 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti2IS2z5rTl00
5790 21.7 94 12 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti2IS2z5rTl00
5791 27.9 107 13 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti2IS2z5rTl00
5792 27.1 0 14 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti2IS2z5rTl00
5793 29.5 0 15 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti2IS2z5rTl00
5794 43.6 0 16 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti2IS2z5rTl00
5795 73.6 1 17 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti2IS2z5rTl00
5796 18.7 8 18 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti2IS2z5rTl00
5797 27.7 0 19 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti2IS2z5rTl00
5798 29.9 0 20 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti2IS2z5rTl00
5799 #BestOS+0.01ST: 27.1 0 14 #ST[s] OS[mm] it for nec_cr2cm10N30ny4nu4iti2IS2z5rTl00it14
5800 #BestST+0.01OS: 18.7 8 18 #ST[s] OS[mm] it for nec_cr2cm10N30ny4nu4iti2IS2z5rTl00it18
5801 real10m50.112suser9m9.039sys0m52.063s2012年 5月 15日 火曜日 11:23:39 JST
5802 -1.0 0 0 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti2IS2z5rTl00
5803 95.2 2406 1 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti2IS2z5rTl00
5804 43.6 7 2 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti2IS2z5rTl00
5805 22.5 22 3 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti2IS2z5rTl00
5806 25.3 0 4 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti2IS2z5rTl00
5807 42.9 588 5 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti2IS2z5rTl00
5808 29.9 3 6 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti2IS2z5rTl00
5809 32.3 7 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti2IS2z5rTl00
5810 25.9 20 8 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti2IS2z5rTl00
5811 38.2 553 9 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti2IS2z5rTl00
5812 26.6 0 10 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti2IS2z5rTl00
5813 36.6 162 11 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti2IS2z5rTl00
5814 20.5 64 12 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti2IS2z5rTl00
5815 38.6 453 13 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti2IS2z5rTl00
5816 28.6 6 14 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti2IS2z5rTl00
5817 28.6 5 15 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti2IS2z5rTl00
5818 27.6 4 16 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti2IS2z5rTl00
5819 26.7 0 17 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti2IS2z5rTl00
5820 32.0 0 18 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti2IS2z5rTl00
5821 28.6 0 19 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti2IS2z5rTl00
5822 39.9 66 20 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti2IS2z5rTl00
5823 #BestOS+0.01ST: 25.3 0 4 #ST[s] OS[mm] it for cr2cm10N30ny4nu4iti2IS2z5rTl00
5824 -1.0 0 0 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5825 -1.0 1175 1 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5826 97.0 481 2 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5827 25.1 22 3 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5828 21.2 41 4 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5829 39.8 1299 5 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5830 55.8 6 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5831 29.8 12 7 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5832 93.4 188 8 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5833 29.5 3 9 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5834 37.8 343 10 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5835 40.7 2 11 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5836 44.1 528 12 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5837 33.1 2 13 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5838 30.7 1 14 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5839 55.9 1 15 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5840 45.0 2 16 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5841 30.4 14 17 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5842 23.9 42 18 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5843 20.9 79 19 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5844 45.7 666 20 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5845 #BestOS+0.01ST: 30.7 1 14 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5846 #BestST+0.01ST: 20.7 79 19 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5847 -1.0 0 0 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5848 -1.0 3081 1 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5849 -1.0 2315 2 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5850 97.9 0 3 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5851 97.0 4 4 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5852 -1.0 4191 4 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5853 -1.0 729 5 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5854 -1.0 1142 6 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5855 85.1 378 7 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5856 99.0 1445 8 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5857 -1.0 2798 9 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5858 -1.0 943 10 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5859 95.7 4577 11 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5860 24.2 1 12 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5861 -1.0 0 13 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5862 -1.0 2460 14 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5863 -1.0 423 15 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
5864 28.5 298 16 #ST[s] OS[mm] it for cr10cm10N30ny4nu4iti2IS2z5rTl00
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5865 46.3 0 17 #ST[s] OS[mm] it for cr10cm100N30ny4nu4it12IS2-57rl00
5866 96.6 160 18 #ST[s] OS[mm] it for cr10cm100N30ny4nu4it12IS2-57rl00
5867 31.5 0 19 #ST[s] OS[mm] it for cr10cm100N30ny4nu4it12IS2-57rl00
5868 72.9 476 20 #ST[s] OS[mm] it for cr10cm100N30ny4nu4it12IS2-57rl00
5869 #BestOS+0.01ST: 31.5 0 19 #ST[s] OS[mm] it for cr10cm100N30ny4nu4it12IS2-57rl00
5870 #BestST+0.01OS: 27.2 1 12 #ST[s] OS[mm] it for cr10cm100N30ny4nu4it12IS2-57rl00
5871 #2
5872 #BestOS+0.01ST: 27.1 0 14 #ST[s] OS[mm] it for net_cr2cm100N30ny4nu4it12IS2-57rl00it14
5873 #BestOS+0.01ST: 25.3 0 4 #ST[s] OS[mm] it for net_cr2cm100N30ny4nu4it12IS2-57rl00it14
5874 #BestOS+0.01ST: 30.7 1 14 #ST[s] OS[mm] it for net_cr10cm100N30ny4nu4it12IS2-57rl00it4
5875 #BestOS+0.01ST: 31.5 0 19 #ST[s] OS[mm] it for net_cr10cm100N30ny4nu4it12IS2-57rl00it19
5876 #BestST+0.01OS: 18.7 8 18 #ST[s] OS[mm] it for net_cr2cm100N30ny4nu4it12IS2-57rl00it19
5877 #BestST+0.01OS: 20.5 64 12 #ST[s] OS[mm] it for net_cr2cm100N30ny4nu4it12IS2-57rl00it18
5878 #BestST+0.01OS: 20.7 79 19 #ST[s] OS[mm] it for net_cr2cm100N30ny4nu4it12IS2-57rl00it19
5879 #BestST+0.01OS: 24.2 1 12 #ST[s] OS[mm] it for net_cr10cm100N30ny4nu4it12IS2-57rl00it12
5880 b1:N=30;a=0;d=../mspdata/result/b$[b]icc
5881 f1=$d/net_cr2cm100N30ny4nu4it12IS2-57rl00it14
5882 f2=$d/net_cr2cm100N30ny4nu4it12IS2-57rl00it4
5883 f3=$d/net_cr10cm100N30ny4nu4it12IS2-57rl00it19
5884 f4=$d/net_cr10cm100N30ny4nu4it12IS2-57rl00it19
5885 rm listSS.dat;b1:N=30;a=0;for cr in 2 6 10; do for cm in 10 55 100; do
5886 emulate_crane2 it:1:1 r:5 cr:$cr cm:$cm cc:0.5 umax:10 tt:100 kxt:1 method:12:$N:$b:$a:0:$f1:$f2:$f3
5887 $f4 DISP:0 listSS:1 T:100 N2s:12 LAMBDA:0.01
5888 #GLOBAL int Ne=20;
5889 26.5 0 1 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it11IS2-57rl00
5890 28.5 0 1 #ST[s] OS[mm] it for cr2cm5N30ny4nu4it11IS2-57rl00
5891 31.2 0 1 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it11IS2-57rl00
5892 33.6 0 1 #ST[s] OS[mm] it for cr6cm100N30ny4nu4it11IS2-57rl00
5893 33.2 0 1 #ST[s] OS[mm] it for cr6cm5N30ny4nu4it11IS2-57rl00
5894 32.1 0 1 #ST[s] OS[mm] it for cr6cm100N30ny4nu4it11IS2-57rl00
5895 32.0 1 1 #ST[s] OS[mm] it for cr6cm100N30ny4nu4it11IS2-57rl00
5896 32.1 0 1 #ST[s] OS[mm] it for cr10cm100N30ny4nu4it11IS2-57rl00
5897 32.3 0 1 #ST[s] OS[mm] it for cr10cm5N30ny4nu4it11IS2-57rl00
5898 27.3 16 1 #ST[s] OS[mm] it for cr10cm100N30ny4nu4it11IS2-57rl00
5899 #GLOBAL int Ne=60;
5900 20.1 41 1 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it11IS2-57rl00
5901 19.5 57 1 #ST[s] OS[mm] it for cr2cm5N30ny4nu4it11IS2-57rl00
5902 20.7 71 1 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it11IS2-57rl00
5903 22.4 1 1 #ST[s] OS[mm] it for cr6cm100N30ny4nu4it11IS2-57rl00
5904 31.6 0 1 #ST[s] OS[mm] it for cr6cm5N30ny4nu4it11IS2-57rl00
5905 35.8 184 1 #ST[s] OS[mm] it for cr6cm100N30ny4nu4it11IS2-57rl00
5906 31.5 0 1 #ST[s] OS[mm] it for cr10cm100N30ny4nu4it11IS2-57rl00
5907 26.1 0 1 #ST[s] OS[mm] it for cr10cm5N30ny4nu4it11IS2-57rl00
5908 rm listSS.dat;b1:N=30;a=0;for cr in 2 6 10; do for cm in 10 55 100; do
5909 emulate_crane2 it:1:1 r:5 cr:$cr cm:$cm cc:0.5 umax:10 tt:100 kxt:1 method:12:$N:$b:$a:0:$f1 DISP:0
5910 listSS:1 T:100 N2s:12 LAMBDA:0.01
5911 done;done;cat listSS.dat
5912 27.1 0 1 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it11IS2-57rl00 ***
5913 27.9 0 1 #ST[s] OS[mm] it for cr2cm5N30ny4nu4it11IS2-57rl00
5914 26.1 0 1 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it11IS2-57rl00
5915 31.3 0 1 #ST[s] OS[mm] it for cr6cm100N30ny4nu4it11IS2-57rl00
5916 27.5 0 1 #ST[s] OS[mm] it for cr6cm5N30ny4nu4it11IS2-57rl00
5917 25.9 0 1 #ST[s] OS[mm] it for cr6cm100N30ny4nu4it11IS2-57rl00
5918 26.4 0 1 #ST[s] OS[mm] it for cr10cm100N30ny4nu4it11IS2-57rl00
5919 26.2 0 1 #ST[s] OS[mm] it for cr10cm5N30ny4nu4it11IS2-57rl00
5920 rm listSS.dat;b1:N=30;a=0;for cr in 2 6 10; do for cm in 10 55 100; do
5921 emulate_crane2 it:1:1 r:5 cr:$cr cm:$cm cc:0.5 umax:10 tt:100 kxt:1 method:12:$N:$b:$a:0:$f2 DISP:0
5922 done;done;cat listSS.dat
5923 25.8 3 1 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it11IS2-57rl00
5924 25.2 66 1 #ST[s] OS[mm] it for cr2cm5N30ny4nu4it11IS2-57rl00
5925 22.3 0 1 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it11IS2-57rl00***
5926 25.1 15 1 #ST[s] OS[mm] it for cr6cm100N30ny4nu4it11IS2-57rl00
5927 29.8 6 1 #ST[s] OS[mm] it for cr6cm5N30ny4nu4it11IS2-57rl00
5928 21.4 27 1 #ST[s] OS[mm] it for cr6cm100N30ny4nu4it11IS2-57rl00
5929 28.7 5 1 #ST[s] OS[mm] it for cr6cm100N30ny4nu4it11IS2-57rl00
5930 35.1 0 1 #ST[s] OS[mm] it for cr10cm100N30ny4nu4it11IS2-57rl00
5931 22.1 90 1 #ST[s] OS[mm] it for cr10cm5N30ny4nu4it11IS2-57rl00
5932 rm listSS.dat;b1:N=30;a=0;for cr in 2 6 10; do for cm in 10 55 100; do
5933 emulate_crane2 it:1:1 r:5 cr:$cr cm:$cm cc:0.5 umax:10 tt:100 kxt:1 method:12:$N:$b:$a:0:$f3 DISP:0
5934 done;done;cat listSS.dat
5935 27.6 0 1 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it11IS2-57rl00
5936 36.6 0 1 #ST[s] OS[mm] it for cr2cm5N30ny4nu4it11IS2-57rl00
5937 50.5 0 1 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it11IS2-57rl00
5938 47.1 0 1 #ST[s] OS[mm] it for cr6cm100N30ny4nu4it11IS2-57rl00
5939 47.2 0 1 #ST[s] OS[mm] it for cr6cm5N30ny4nu4it11IS2-57rl00
5940 37.0 1 #ST[s] OS[mm] it for cr6cm100N30ny4nu4it11IS2-57rl00
5941 30.7 1 #ST[s] OS[mm] it for cr10cm100N30ny4nu4it11IS2-57rl00***
5942 44.1 0 1 #ST[s] OS[mm] it for cr10cm5N30ny4nu4it11IS2-57rl00
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5943 34.0 0 1 #ST[s] OS[mm] it for cr10cm100N30ny4nu4it11IS2-57rl00
5944 rm listSS.dat;b1:N=30;a=0;for cr in 2 6 10; do for cm in 10 55 100; do
5945 emulate_crane2 it:1:1 r:5 cr:$cr cm:$cm cc:0.5 umax:10 tt:100 kxt:1 method:12:$N:$b:$a:0:$f4 DISP:0
5946 listSS:1 T:100 N2s:12 LAMBDA:0.01
5947 done;done;cat listSS.dat
5948 31.9 0 1 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it11IS2-57rl00
5949 40.7 0 1 #ST[s] OS[mm] it for cr2cm5N30ny4nu4it11IS2-57rl00
5950 81.0 158 1 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it11IS2-57rl00
5951 29.2 0 1 #ST[s] OS[mm] it for cr6cm100N30ny4nu4it11IS2-57rl00
5952 33.9 0 1 #ST[s] OS[mm] it for cr6cm5N30ny4nu4it11IS2-57rl00
5953 34.8 0 1 #ST[s] OS[mm] it for cr6cm100N30ny4nu4it11IS2-57rl00
5954 37.2 110 1 #ST[s] OS[mm] it for cr10cm100N30ny4nu4it11IS2-57rl00
5955 30.3 0 1 #ST[s] OS[mm] it for cr10cm5N30ny4nu4it11IS2-57rl00
5956 30.6 0 1 #ST[s] OS[mm] it for cr10cm100N30ny4nu4it11IS2-57rl00***
5957 #BestOS+0.01ST: 27.1 0 14 #ST[s] OS[mm] it for net_cr2cm100N30ny4nu4it12IS2-57rl00it14
5958 #BestOS+0.01ST: 25.3 0 4 #ST[s] OS[mm] it for net_cr2cm100N30ny4nu4it12IS2-57rl00it4
5959 #BestOS+0.01ST: 30.7 1 14 #ST[s] OS[mm] it for net_cr10cm100N30ny4nu4it12IS2-57rl00it14
5960 #BestOS+0.01ST: 31.5 0 19 #ST[s] OS[mm] it for net_cr10cm100N30ny4nu4it12IS2-57rl00it19
5961 #BestST+0.01OS: 18.7 8 18 #ST[s] OS[mm] it for net_cr2cm100N30ny4nu4it12IS2-57rl00it18
5962 #BestST+0.01OS: 20.5 64 12 #ST[s] OS[mm] it for net_cr2cm100N30ny4nu4it12IS2-57rl00it12
5963 #BestST+0.01OS: 20.7 79 19 #ST[s] OS[mm] it for net_cr10cm100N30ny4nu4it12IS2-57rl00it19
5964 #BestST+0.01OS: 24.2 1 12 #ST[s] OS[mm] it for net_cr10cm100N30ny4nu4it12IS2-57rl00it12
5965 b1:N=30;a=0;d=../mspdata/result/b$[b]icc
5966 f1=$d/net_cr2cm100N30ny4nu4it12IS2-57rl00it18
5967 f2=$d/net_cr2cm100N30ny4nu4it12IS2-57rl00it18
5968 f3=$d/net_cr10cm100N30ny4nu4it12IS2-57rl00it19
5969 f4=$d/net_cr10cm100N30ny4nu4it12IS2-57rl00it19
5970 rm listSS.dat;b1:N=30;a=0;for cr in 2 6 10; do for cm in 10 55 100; do
5971 emulate_crane2 it:1:1 r:5 cr:$cr cm:$cm cc:0.5 umax:10 tt:100 kxt:1 method:12:$N:$b:$a:0:$f1:$f2:$f3
5972 $f4 DISP:0 listSS:1 T:100 N2s:12 LAMBDA:0.01
5973 done;done;cat listSS.dat
5974 #GLOBAL int Ne=20;
5975 23.0 1 1 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it11IS2-57rl00
5976 26.9 0 1 #ST[s] OS[mm] it for cr2cm5N30ny4nu4it11IS2-57rl00
5977 21.6 23 1 #ST[s] OS[mm] it for cr6cm100N30ny4nu4it11IS2-57rl00
5978 22.9 41 1 #ST[s] OS[mm] it for cr6cm100N30ny4nu4it11IS2-57rl00
5979 17.2 76 1 #ST[s] OS[mm] it for cr6cm5N30ny4nu4it11IS2-57rl00
5980 42.4 478 1 #ST[s] OS[mm] it for cr6cm100N30ny4nu4it11IS2-57rl00
5981 22.6 79 1 #ST[s] OS[mm] it for cr10cm100N30ny4nu4it11IS2-57rl00
5982 18.0 64 1 #ST[s] OS[mm] it for cr10cm5N30ny4nu4it11IS2-57rl00
5983 40.2 369 1 #ST[s] OS[mm] it for cr10cm100N30ny4nu4it11IS2-57rl00
5984 #GLOBAL int Ne=60;
5985 29.4 0 1 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it11IS2-57rl00
5986 31.3 0 1 #ST[s] OS[mm] it for cr2cm5N30ny4nu4it11IS2-57rl00
5987 26.2 3 1 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it11IS2-57rl00
5988 23.1 22 1 #ST[s] OS[mm] it for cr6cm100N30ny4nu4it11IS2-57rl00
5989 39.7 579 1 #ST[s] OS[mm] it for cr6cm5N30ny4nu4it11IS2-57rl00
5990 42.5 832 1 #ST[s] OS[mm] it for cr6cm100N30ny4nu4it11IS2-57rl00
5991 22.4 93 1 #ST[s] OS[mm] it for cr10cm100N30ny4nu4it11IS2-57rl00
5992 20.4 56 1 #ST[s] OS[mm] it for cr10cm5N30ny4nu4it11IS2-57rl00
5993 28.6 161 1 #ST[s] OS[mm] it for cr10cm100N30ny4nu4it11IS2-57rl00
5994 2012.05.16
5995 #by:icc isa32 by susanoo
5996 b=10;N=30;for cr in 2; do for cm in 10; do
5997 make data-clean;
5998 6001 echo "date;time emulate_crane2 it:20:2 r:5 cr:$cr cm:$cm cc:0.5 umax:10 tt:100 kxt:1 method:12:$N):
5999 $(b):0.7;0 DISP:0 listSS:1 T:100 N2s:12 LAMBDA:0.01;date"
6000 date;time emulate_crane2 it:20:2 r:5 cr:$cr cm:$cm cc:0.5 umax:10 tt:100 kxt:1 method:12:$N):$(b):0
6001 DISP:0 listSS:1 T:100 N2s:12 LAMBDA:0.01;date"
6002 mkdir ../mspdata/mkdir ../mspdata/result/mkdir ../mspdata/result/bl0icc/
6003 cat listSS.dat;cmd='cat listSS.dat|awk 'BEGIN {vm=1e9} {if($1>0) {v=$2+$1*0.01; if(v<vm) {vm=v;i=$3+
l}}' END {printf("head %d listSS.dat",-i)}}','echo -n "BestOS+0.01ST: ";$cmd | tail -1;cmd='cat listSS.dat|a
wk 'BEGIN {vm=1e9} {if($1>0) {v=$1+0.01*$2; if(v<vm) {vm=v;i=$3+1}}' END {printf("head %d listSS.dat",-i)}}','
'echo -n "BestST+0.01OS: ";$cmd | tail -1
6004 done;done
6005 1.0 0 0 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it12IS2-57rl00
6006 -1.0 0 0 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it12IS2-57rl00
6007 21.4 1 2 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it12IS2-57rl00
6008 26.1 1 3 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it12IS2-57rl00
6009 26.5 0 4 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it12IS2-57rl00
6010 26.5 0 4 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it12IS2-57rl00
6011 36.4 506 5 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it12IS2-57rl00
6012 23.8 4 6 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it12IS2-57rl00
6013 20.9 51 7 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it12IS2-57rl00
6014 24.2 21 8 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it12IS2-57rl00
6015 29.2 17 9 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it12IS2-57rl00
6016 27.8 11 10 #ST[s] OS[mm] it for cr2cm100N30ny4nu4it12IS2-57rl00
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6017 24.5 11 11 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6018 27.6 1 12 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6019 20.4 1 13 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6020 20.7 0 14 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6021 29.0 0 15 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6022 49.3 3441.16 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6023 37.1 223 17 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6024 20.9 47 18 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6025 35.0 201 19 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6026 27.1 0 20 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6027 #BestOS+0.01ST: 27.5 0 10 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6028 #BestST+0.01OS: 25.2 0 4 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6029
6030
6031 2012.05.14
6032 b=10;N=30;for cr in 2 10; do for cm in 10 100; do
6033 #make data-clean;
6034 daterime emulate_crane2 it:20:2 r:5 cr:$cr cm:$cm cc:0.5 umax:10 tt:100 kxt:1 method:12:$(N){b}{b}0
7:0 DISP:0 listSS:l r:100 N2s:12 LAMDA:0.01:date
6035 mkdir ../mspdata/mkdir ../mspdata/result/mkdir ../mspdata/result/b$[b]icc/mv result-ensrs2ge/net
* ../mspdata/result/b$[b]icc/ #ls -lR ../mspdata/result/b10icc/
6036 cat listSS.dat;cmd='cat listSS.dat|awk 'BEGIN {vm=1e9} {if($1>0) {v=$2-$1*0.01; if(v<vm) {vm=v-i=$3+
1}} END {printf("head %d listSS.dat",-i)}}'>;echo -n '#BestOS+0.01ST: '$%cmd | tail -1:cmd='cat listSS.dat|a
wk 'BEGIN {vm=1e9} {if($1>0) {v=$1+0.01*$2; if(v<vm) {vm=v-i=$3+1}} END {printf("head %d listSS.dat",-i)}}'>
;echo -n '#BestST+0.01OS: '$%cmd | tail -1
6037 done;done
6038 -1.0 0 0 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6039 -1.0 0 3728 1 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6040 21.4 1 2 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6041 24.9 4 3 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6042 24.7 1 4 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6043 20.6 2 5 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6044 24.6 3 6 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6045 21.8 66 7 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6046 31.6 0 9 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6047 31.6 0 9 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6048 22.9 4 10 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6049 22.4 0 11 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6050 20.6 0 12 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6051 21.9 0 13 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6052 26.5 0 14 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6053 31.9 0 15 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6054 26.0 0 16 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6055 20.3 0 17 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6056 22.8 0 18 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6057 17.7 44 19 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6058 30.9 0 19 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6059 #BestOS+0.01ST: 20.3 0 17 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6060 #BestST+0.01OS: 17.7 44 19 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6061 2012年 5月 14日 月曜日 22:59:49 JST real 199m5.949s
6062 -1.0 0 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6063 -1.0 0 3673 1 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6064 27.3 4 2 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6065 22.3 60 3 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6066 26.8 3 4 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6067 24.4 11 5 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6068 29.9 2 6 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6069 22.9 48 7 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6070 25.5 66 8 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6071 46.7 351 9 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6072 41.4 778 10 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6073 26.3 7 11 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6074 28.0 32 12 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6075 23.6 21 13 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6076 22.4 26 14 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6077 23.4 16 15 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6078 26.8 0 16 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6079 36.4 203 17 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6080 26.6 0 18 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6081 28.0 0 19 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6082 28.2 1 20 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6083 #BestOS+0.01ST: 26.8 0 16 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6084 #BestST+0.01OS: 22.4 26 14 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6085 2012年 5月 15日 火曜日 03:48:13 JST real 174m54.795s
6086 -1.0 0 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
6087 -1.0 396 1 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
6088 25.3 38 2 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
6089 25.0 7 3 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
6090 28.7 4 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
6091 29.7 12 5 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
6092 30.8 5 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
6093 -1.0 39 7 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
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6094 28.4 7 8 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
6095 32.8 1 9 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
6096 29.8 23 10 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
6097 23.4 27 11 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
6098 37.2 41 12 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
6099 37.2 16 13 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
6100 36.7 7 14 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
6101 29.7 13 15 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
6102 34.5 16 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
6103 29.6 2 17 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
6104 34.7 6 18 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
6105 40.8 12 19 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
6106 31.3 12 20 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
6107 #BestOS+0.01ST: 32.8 1 9 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
6108 #BestST+0.01OS: 23.4 27 11 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
6109 real173m38.163user:141m49.720sys:92m58.950s:2012年 5月 15日 火曜日 06:41:52 JST
6110 -1.0 0 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
6111 -1.0 0 1 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
6112 -1.0 1996 2 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
6113 43.2 91 3 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
6114 -1.0 4 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
6115 -1.0 3410 5 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
6116 -1.0 867 6 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
6117 -1.0 839 7 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
6118 85.4 1788 8 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
6119 39.8 317 9 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
6120 45.2 1133 10 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
6121 52.4 1521 11 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
6122 75.5 995 12 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
6123 95.4 5389 13 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
6124 44.4 79 14 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
6125 36.6 476 15 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
6126 30.9 7 16 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
6127 58.7 9 17 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
6128 55.1 2329 18 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
6129 58.5 2233 19 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
6130 -1.0 9821 20 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
6131 #BestOS+0.01ST: 30.9 7 16 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
6132 #BestST+0.01OS: 30.9 7 16 #ST[s] OS[mm] it for cr10cm10N30ny4nu4it12IS2r5Tl00
6133 #single CAN2
6134 b=1;N=30;for cr in 2 10; do for cm in 10 100; do
6135 #make data-clean;date emulate_crane2 it:20:2 r:5 cr:$cr cm:$cm cc:0.5 umax:10 tt:100 kxt:1 metho
d:12:$(N){b}{b}0:7:0 DISP:0 listSS:l r:100 N2s:12 LAMDA:0.01:date
6136 mkdir ../mspdata/mkdir ../mspdata/result/mkdir ../mspdata/result/b$[b]icc/mv result-ensrs2ge/net
* ../mspdata/result/b$[b]icc/ #ls -lR ../mspdata/result/b10icc/
6137 cat listSS.dat;cmd='cat listSS.dat|awk 'BEGIN {vm=1e9} {if($1>0) {v=$2-$1*0.01; if(v<vm) {vm=v-i=$3+
1}} END {printf("head %d listSS.dat",-i)}}'>;echo -n '#BestOS+0.01ST: '$%cmd | tail -1:cmd='cat listSS.dat|a
wk 'BEGIN {vm=1e9} {if($1>0) {v=$1+0.01*$2; if(v<vm) {vm=v-i=$3+1}} END {printf("head %d listSS.dat",-i)}}'>
;echo -n '#BestST+0.01OS: '$%cmd | tail -1
6138 done;done
6139 real9m55.083s user8m31.223s sys0m50.139s
6140 -1.0 0 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6141 -1.0 4121 1 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6142 -1.0 259 2 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6143 20.4 79 3 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6144 39.3 115 4 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6145 38.3 1200 5 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6146 39.5 1 6 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6147 23.8 13 7 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6148 19.9 52 8 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6149 29.8 1 9 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6150 43.0 3 10 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6151 27.1 124 11 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6152 27.9 107 12 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6153 27.9 107 13 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6154 27.1 0 14 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6155 29.5 0 15 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6156 43.2 0 16 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6157 73.6 1 17 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6158 18.7 8 18 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6159 27.7 0 19 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6160 29.9 0 20 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6161 #BestOS+0.01ST: 27.1 0 14 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6162 #BestST+0.01OS: 18.7 8 18 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6163 real10m50.122user:9m1.039sys:0m52.063s:2012年 5月 15日 火曜日 11:23:39 JST
6164 -1.0 0 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6165 95.2 2406 1 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6166 43.6 7 2 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6167 25.2 22 3 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6168 25.3 0 4 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6169 42.9 588 5 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
6170 29.9 3 6 #ST[s] OS[mm] it for cr2cm10N30ny4nu4it12IS2r5Tl00
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6171 32.3 9 7 #ST[s] OS[mm] it for cr2cm100N30ny4nu4iti12IS2r5Tt100
6172 25.9 20 8 #ST[s] OS[mm] it for cr2cm100N30ny4nu4iti12IS2r5Tt100
6173 38.2 553 9 #ST[s] OS[mm] it for cr2cm100N30ny4nu4iti12IS2r5Tt100
6174 26.6 0 10 #ST[s] OS[mm] it for cr2cm100N30ny4nu4iti12IS2r5Tt100
6175 36.6 162 11 #ST[s] OS[mm] it for cr2cm100N30ny4nu4iti12IS2r5Tt100
6176 20.5 64 12 #ST[s] OS[mm] it for cr2cm100N30ny4nu4iti12IS2r5Tt100
6177 38.6 453 13 #ST[s] OS[mm] it for cr2cm100N30ny4nu4iti12IS2r5Tt100
6178 28.8 6 14 #ST[s] OS[mm] it for cr2cm100N30ny4nu4iti12IS2r5Tt100
6179 28.6 5 15 #ST[s] OS[mm] it for cr2cm100N30ny4nu4iti12IS2r5Tt100
6180 27.5 4 16 #ST[s] OS[mm] it for cr2cm100N30ny4nu4iti12IS2r5Tt100
6181 26.7 0 17 #ST[s] OS[mm] it for cr2cm100N30ny4nu4iti12IS2r5Tt100
6182 32.0 0 18 #ST[s] OS[mm] it for cr2cm100N30ny4nu4iti12IS2r5Tt100
6183 39.9 66 20 #ST[s] OS[mm] it for cr2cm100N30ny4nu4iti12IS2r5Tt100
6184 #BestOS+0.01ST: 25.3 0 4 #ST[s] OS[mm] it for cr2cm100N30ny4nu4iti12IS2r5Tt100
6185 #BestST+0.01OS: 20.5 64 12 #ST[s] OS[mm] it for cr2cm100N30ny4nu4iti12IS2r5Tt100
6186 -1.0 0 #ST[s] OS[mm] it for cr10cm100N30ny4nu4iti12IS2r5Tt100
6187 -1.0 1175 1 #ST[s] OS[mm] it for cr10cm100N30ny4nu4iti12IS2r5Tt100
6188 97.0 461 2 #ST[s] OS[mm] it for cr10cm100N30ny4nu4iti12IS2r5Tt100
6189 25.1 22 3 #ST[s] OS[mm] it for cr10cm100N30ny4nu4iti12IS2r5Tt100
6190 21.2 41 4 #ST[s] OS[mm] it for cr10cm100N30ny4nu4iti12IS2r5Tt100
6191 39.8 1299 5 #ST[s] OS[mm] it for cr10cm100N30ny4nu4iti12IS2r5Tt100
6192 39.8 6 7 #ST[s] OS[mm] it for cr10cm100N30ny4nu4iti12IS2r5Tt100
6193 55.8 8 6 #ST[s] OS[mm] it for cr10cm100N30ny4nu4iti12IS2r5Tt100
6194 29.8 12 7 #ST[s] OS[mm] it for cr10cm100N30ny4nu4iti12IS2r5Tt100
6195 93.4 188 8 #ST[s] OS[mm] it for cr10cm100N30ny4nu4iti12IS2r5Tt100
6196 29.5 3 9 #ST[s] OS[mm] it for cr10cm100N30ny4nu4iti12IS2r5Tt100
6197 37.8 343 10 #ST[s] OS[mm] it for cr10cm100N30ny4nu4iti12IS2r5Tt100
6198 40.7 2 11 #ST[s] OS[mm] it for cr10cm100N30ny4nu4iti12IS2r5Tt100
6199 44.1 528 12 #ST[s] OS[mm] it for cr10cm100N30ny4nu4iti12IS2r5Tt100
6200 33.1 2 13 #ST[s] OS[mm] it for cr10cm100N30ny4nu4iti12IS2r5Tt100
6201 30.7 1 14 #ST[s] OS[mm] it for cr10cm100N30ny4nu4iti12IS2r5Tt100
6202 55.9 1 15 #ST[s] OS[mm] it for cr10cm100N30ny4nu4iti12IS2r5Tt100
6203 45.0 2 16 #ST[s] OS[mm] it for cr10cm100N30ny4nu4iti12IS2r5Tt100
6204 30.4 14 17 #ST[s] OS[mm] it for cr10cm100N30ny4nu4iti12IS2r5Tt100
6205 23.9 42 18 #ST[s] OS[mm] it for cr10cm100N30ny4nu4iti12IS2r5Tt100
6206 20.7 79 19 #ST[s] OS[mm] it for cr10cm100N30ny4nu4iti12IS2r5Tt100
6207 45.7 666 20 #ST[s] OS[mm] it for cr10cm100N30ny4nu4iti12IS2r5Tt100
6208 #BestOS+0.01ST: 30.7 1 14 #ST[s] OS[mm] it for cr10cm100N30ny4nu4iti12IS2r5Tt100
6209 #BestST+0.01OS: 20.7 79 19 #ST[s] OS[mm] it for cr10cm100N30ny4nu4iti12IS2r5Tt100
6210 -1.0 0 #ST[s] OS[mm] it for cr10cm100N30ny4nu4iti12IS2r5Tt100
6211 -1.0 3081 1 #ST[s] OS[mm] it for cr10cm100N30ny4nu4iti12IS2r5Tt100
6212 -1.0 2315 2 #ST[s] OS[mm] it for cr10cm100N30ny4nu4iti12IS2r5Tt100
6213 97.9 0 3 #ST[s] OS[mm] it for cr10cm100N30ny4nu4iti12IS2r5Tt100
6214 -1.0 429 4 #ST[s] OS[mm] it for cr10cm100N30ny4nu4iti12IS2r5Tt100
6215 -1.0 719 5 #ST[s] OS[mm] it for cr10cm100N30ny4nu4iti12IS2r5Tt100
6216 -1.0 1142 6 #ST[s] OS[mm] it for cr10cm100N30ny4nu4iti12IS2r5Tt100
6217 85.1 378 7 #ST[s] OS[mm] it for cr10cm100N30ny4nu4iti12IS2r5Tt100
6218 99.0 1445 8 #ST[s] OS[mm] it for cr10cm100N30ny4nu4iti12IS2r5Tt100
6219 -1.0 2798 9 #ST[s] OS[mm] it for cr10cm100N30ny4nu4iti12IS2r5Tt100
6220 -1.0 943 10 #ST[s] OS[mm] it for cr10cm100N30ny4nu4iti12IS2r5Tt100
6221 95.7 4577 11 #ST[s] OS[mm] it for cr10cm100N30ny4nu4iti12IS2r5Tt100
6222 24.2 1 12 #ST[s] OS[mm] it for cr10cm100N30ny4nu4iti12IS2r5Tt100
6223 -1.0 0 13 #ST[s] OS[mm] it for cr10cm100N30ny4nu4iti12IS2r5Tt100
6224 -1.0 2460 14 #ST[s] OS[mm] it for cr10cm100N30ny4nu4iti12IS2r5Tt100
6225 -1.0 423 15 #ST[s] OS[mm] it for cr10cm100N30ny4nu4iti12IS2r5Tt100
6226 28.5 298 16 #ST[s] OS[mm] it for cr10cm100N30ny4nu4iti12IS2r5Tt100
6227 46.3 0 17 #ST[s] OS[mm] it for cr10cm100N30ny4nu4iti12IS2r5Tt100
6228 96.6 160 18 #ST[s] OS[mm] it for cr10cm100N30ny4nu4iti12IS2r5Tt100
6229 31.5 0 19 #ST[s] OS[mm] it for cr10cm100N30ny4nu4iti12IS2r5Tt100
6230 72.9 476 20 #ST[s] OS[mm] it for cr10cm100N30ny4nu4iti12IS2r5Tt100
6231 #BestOS+0.01ST: 31.5 0 19 #ST[s] OS[mm] it for cr10cm100N30ny4nu4iti12IS2r5Tt100
6232 #BestST+0.01OS: 24.2 1 12 #ST[s] OS[mm] it for cr10cm100N30ny4nu4iti12IS2r5Tt100
6233 #####
6234 b=50:N=100;for cr in 2; do for cm in 10; do
6235 make data-clean:date:time emulate_crane2 it:20:2 r:5 cr:$cr cm:$cm
d:12:$[N]:$[b]:0.3:0 DISP:0 listSS:1 T:100 N2s:12 LAMBDA:0.01:date
6236 #mkdir ../mspdatadata/mkmdir ../mspdatadata/result/mkmdir ../mspdatadata/ensrs2ge/net*
t* ../mspdatadata/result/b$[b]icc/
6237 cat listSS.dat:cmda='cat listSS.dat|awk 'BEGIN {vm=1e9} {if($1>0) {v=$2-$1*0.01; if(v<vm) {vm=v;i=$3+
1}}}' END {printf("head %d listSS.dat",-i)}'>../recho -n "#cmda='cat listSS.dat|awk 'BEGIN {vm=1e9} {if($1>0) {v=$1-0.01*$2; if(v<vm) {vm=v;i=$3+1}}}' END {printf("head %d listSS.dat",-i)}'>../recho -n "#BestST+0.01OS: ";$cmd | tail -1}
6238 done;done
6239 real1445m28.01ls user109m35.076s sva140m47.952s 2012年 5月 16日 水曜日 17:22:18 JST
6240 -1.0 0 0 #ST[s] OS[mm] it for cr2cm100N100ny4nu4iti12IS2r5Tt100
6241 88.1 690 1 #ST[s] OS[mm] it for cr2cm100N100ny4nu4iti12IS2r5Tt100
6242 18.0 63 2 #ST[s] OS[mm] it for cr2cm100N100ny4nu4iti12IS2r5Tt100
6243 28.5 127 3 #ST[s] OS[mm] it for cr2cm100N100ny4nu4iti12IS2r5Tt100
6244 23.3 1 4 #ST[s] OS[mm] it for cr2cm100N100ny4nu4iti12IS2r5Tt100
6245 45.6 0 5 #ST[s] OS[mm] it for cr2cm100N100ny4nu4iti12IS2r5Tt100
6246 25.6 0 6 #ST[s] OS[mm] it for cr2cm100N100ny4nu4iti12IS2r5Tt100
6247 28.8 14 7 #ST[s] OS[mm] it for cr2cm100N100ny4nu4iti12IS2r5Tt100
6248 23.2 53 8 #ST[s] OS[mm] it for cr2cm100N100ny4nu4iti12IS2r5Tt100
6249 20.6 14 9 #ST[s] OS[mm] it for cr2cm100N100ny4nu4iti12IS2r5Tt100
6250 29.8 10 10 #ST[s] OS[mm] it for cr2cm100N100ny4nu4iti12IS2r5Tt100
6251 40.8 0 11 #ST[s] OS[mm] it for cr2cm100N100ny4nu4iti12IS2r5Tt100
6252 32.4 0 12 #ST[s] OS[mm] it for cr2cm100N100ny4nu4iti12IS2r5Tt100
6253 29.1 0 13 #ST[s] OS[mm] it for cr2cm100N100ny4nu4iti12IS2r5Tt100
6254 25.8 13 14 #ST[s] OS[mm] it for cr2cm100N100ny4nu4iti12IS2r5Tt100
6255 29.9 0 15 #ST[s] OS[mm] it for cr2cm100N100ny4nu4iti12IS2r5Tt100
6256 25.0 45 16 #ST[s] OS[mm] it for cr2cm100N100ny4nu4iti12IS2r5Tt100
6257 28.5 0 17 #ST[s] OS[mm] it for cr2cm100N100ny4nu4iti12IS2r5Tt100
6258 32.1 27 18 #ST[s] OS[mm] it for cr2cm100N100ny4nu4iti12IS2r5Tt100
6259 31.4 0 19 #ST[s] OS[mm] it for cr2cm100N100ny4nu4iti12IS2r5Tt100
6260 30.0 0 20 #ST[s] OS[mm] it for cr2cm100N100ny4nu4iti12IS2r5Tt100
6261 #BestOS+0.01ST: 25.6 0 6 #ST[s] OS[mm] it for cr2cm100N100ny4nu4iti12IS2r5Tt100
6262 #BestST+0.01OS: 18.0 63 2 #ST[s] OS[mm] it for cr2cm100N100ny4nu4iti12IS2r5Tt100
6263
6264 2012.05.03
6265 (1) 何処が大きいきときエラーがでていたバグを修復した。
6266 2012.04.21
6267 (1)デイレクトリを変えた。
6268 # (1) 使用方法 (Usage)
6269 # (1-1) この ./mspc のデイレクトリの上のデイレクトリ'cd ../' で,can2bのプログラム:
http://kurolab2.cnti.kyutech.ac.jp/~kuro/sotu/2010/can2b100125.tgz (以降のもの)
#を解凍する.(can2b/can2 がバイス=0の学習を行えるようにした)
6270 # (1-2) # (1) 以下の作業を行う。
6271 #make #オブジェクトの作成
6272 #make clean #全てのクリーン
6273 #make all-clean #データのクリーン
6274 #make clean #データのクリーン
6275 #xtermの消去: kill -9 `ps aux|grep xterm|sed -e "/^ps aux"/d -e /grep/d`
6276 (1-4)オブジェクトなどは,下記の,2012.04.18, 20100126evening,20100126 を参照。
6277 (実行列の例)
6278 # (1)method:12:30:10:0:7:0 バギングN=30,b=n_bags=10,alpha=0.7,seed=0で実行,iti:20:1 で学習制御イタレ
ーションを20,学習データをデイレクション分,
6279 make data-clean:date:time emulate_crane2 it:20:1 r:5 cr:2 cm:10 c:0.5 umax:10 tt:100 kxt:1 method:1
2:30:10:0:7:0 DISP:0 listSS:1 T:100 N2s:12 LAMBDA:0.01:date
6280
6281 # (2)上で作られたb=10個のネット等が入ったデータresult-ensrs2ge/* を保存
6282 #mkdir ../mspdatadata/mkmdir ../mspdatadata/result/mkmdir ../mspdatadata/result/b10:mv result-ensrs2ge/net* ../
mspdatadata/result/b10/
6283
6284 # (3)上で保存されたネット../mspdatadata/result/b10/net_cr2cm100N30ny4nu4iti12IS2r5Tt100i20/*を用いて1回制
御(iti:1:1)
6285 emulate_crane2 it:1:1 r:5 cr:2 cm:10 c:0.5 umax:10 tt:100 kxt:1 method:12:30:10:0:7:0:../mspdatadata/r
esult/b10/net_cr2cm100N30ny4nu4iti12IS2r5Tt100i20 DISP:0 listSS:1 T:100 N2s:12 LAMBDA:0.01
6286
6287 # (4) singleCAN2の実行はb=n_bag=1で行う,速い,でも不安定?
6288 date:time emulate_crane2 it:20:2 r:5 cr:2 cm:10 c:0.5 umax:10 tt:100 kxt:1 method:12:30:10:0:7:0 DIS
P:0 listSS:1 T:100 N2s:12 LAMBDA:0.01:date
6289
6290 # (5)上の(1),(2)などのできるlistSS.datから整定時間,オーバーシュートが小さいイタレーションを探す。
6291 cmda='cat listSS.dat|awk 'BEGIN {vm=1e9} {if($1>0) {v=$2-$1*0.01; if(v<vm) {vm=v;i=$3+1}}}' END {printf
f,"head %d listSS.dat",-i)}'>../recho -n "#BestOS+0.01ST: ";$cmd | tail -1;cmda='cat listSS.dat|awk 'BEGIN {vm=1
e9} {if($1>0) {v=$1-0.01*$2; if(v<vm) {vm=v;i=$3+1}}}' END {printf("head %d listSS.dat",-i)}>../recho -n "#Best
ST+0.01OS: ";$cmd | tail -1
6292
6293 #with icc
6294
6295 make data-clean:date:time emulate_crane2 it:20:2 r:5 cr:2 cm:10 c:0.5 umax:10 tt:100 kxt:1 method:1
2:30:10:0:7:0 DISP:0 listSS:1 T:100 N2s:12 LAMBDA:0.01:date
6296 #mkdir ../mspdatadata/mkmdir ../mspdatadata/result/mkmdir ../mspdatadata/result/b10:icc/
6297 #mkdir ../mspdatadata/result/b10:icc/
6298 2012年 4月 21日 土曜日 23:25:33 JST-->2012年 4月 22日 日曜日 02:56:35 JST real211ml.599user157m59
.288ssy24ml.743s
6300 -1.0 0 0 #ST[s] OS[mm] it for cr2cm100N30ny4nu4iti12IS2r5Tt100
6301 -1.0 3728 1 #ST[s] OS[mm] it for cr2cm100N30ny4nu4iti12IS2r5Tt100
6302 21.4 1 2 #ST[s] OS[mm] it for cr2cm100N30ny4nu4iti12IS2r5Tt100
6303 24.9 4 3 #ST[s] OS[mm] it for cr2cm100N30ny4nu4iti12IS2r5Tt100
6304 20.5 29 4 4 #ST[s] OS[mm] it for cr2cm100N30ny4nu4iti12IS2r5Tt100
6305 24.7 1 4 #ST[s] OS[mm] it for cr2cm100N30ny4nu4iti12IS2r5Tt100
6306 30.6 2 5 #ST[s] OS[mm] it for cr2cm100N30ny4nu4iti12IS2r5Tt100
6307 24.8 33 6 #ST[s] OS[mm] it for cr2cm100N30ny4nu4iti12IS2r5Tt100
6308 21.6 66 7 #ST[s] OS[mm] it for cr2cm100N30ny4nu4iti12IS2r5Tt100
6309 31.2 0 8 #ST[s] OS[mm] it for cr2cm100N30ny4nu4iti12IS2r5Tt100
6310 24.6 0 9 #ST[s] OS[mm] it for cr2cm100N30ny4nu4iti12IS2r5Tt100
6311 22.9 4 10 #ST[s] OS[mm] it for cr2cm100N30ny4nu4iti12IS2r5Tt100
6312 22.4 0 11 #ST[s] OS[mm] it for cr2cm100N30ny4nu4iti12IS2r5Tt100
6313 20.6 0 12 #ST[s] OS[mm] it for cr2cm100N30ny4nu4iti12IS2r5Tt100
6314 21.9 0 13 #ST[s] OS[mm] it for cr2cm100N30ny4nu4iti12IS2r5Tt100
6315 26.5 0 14 #ST[s] OS[mm] it for cr2cm100N30ny4nu4iti12IS2r5Tt100
6316 31.9 0 15 #ST[s] OS[mm] it for cr2cm100N30ny4nu4iti12IS2r5Tt100
6317
```

```
6318 26.0 0 16 #ST[s] OS[mm] it for cr2cmlON30ny4nu4iti2IS2r5Trl00
6319 20.3 0 17 #ST[s] OS[mm] it for cr2cmlON30ny4nu4iti2IS2r5Trl00
6320 22.8 0 18 #ST[s] OS[mm] it for cr2cmlON30ny4nu4iti2IS2r5Trl00
6321 17.7 44 19 #ST[s] OS[mm] it for cr2cmlON30ny4nu4iti2IS2r5Trl00
6322 30.9 0 20 #ST[s] OS[mm] it for cr2cmlON30ny4nu4iti2IS2r5Trl00
6323
6324 cmd='cat listSS.dat|awk 'BEGIN {vm=1e9} {if($1>0) {v=$2+$1*0.01; if(v<vm) {vm=v;i=$3+1}}} END {print
f,"head %d listSS.dat",-i}','','echo -n "#BestOS=0.01ST: ";$cmd='cat listSS.dat|awk 'BEGIN {vm=1
e9} {if($1>0) {v=$1+0.01*$2; if(v<vm) {"#BestOS=i=$3+1}}} END {printf("head %d listSS.dat",-i)}','','echo -n "#Best
ST=0.01OS: ";$cmd | tail -1
6325 #BestOS+0.01ST: 20.3 0 17 #ST[s] OS[mm] it for cr2cmlON30ny4nu4iti2IS2r5Trl00
6326 #BestST+0.01OS: 17.7 44 19 #ST[s] OS[mm] it for cr2cmlON30ny4nu4iti2IS2r5Trl00
6327 ##
6328 f=./mspcdata/result/b10icc/net_cr2cmlON30ny4nu4iti2IS2r5Trl00it17/mspctrain.dat
6329 for b in 10; do
6330 for N in 30; do
6331 for a in 0.7; do for Bytesbeta in 0; do for bs in 1; do Bytes=3;BytesUseLemp=1;Bs=0;T=100;k=8;
6332 date;f=./mspcdata/result/b10icc/net_cr2cmlON30ny4nu4iti2IS2r5Trl00it17/mspctrain.dat
6333 echo "can2b/ensrs $f 2:$b:$a:$bs $N-$N:1 Lstd:0:2 k:$k) DISP:0 bytes:$Bytes:$Bytesbeta:0:$BytesUseL
emp:$Bs T:$T) BIAS:0 lossall:1 bg:/dev/null > /dev/null"
6334 can2b/ensrs $f 2:$b:$a:$bs $N-$N:1 Lstd:0:2 k:$k) DISP:0 bytes:$Bytes:$Bytesbeta:0:$BytesUseLemp:$B
s T:$T) BIAS:0 lossall:1 bg:/dev/null > /dev/null
6335 done;done;f=./mspcdata/result/b10icc/net_cr2cmlON30ny4nu4iti2IS2r5Trl00it17/mspctrain.dat
6336 done;done;f=./mspcdata/result/b10icc/net_cr2cmlON30ny4nu4iti2IS2r5Trl00it17/mspctrain.dat
6337 ##
6338 f=./mspcdata/result/b10icc/net_cr2cmlON30ny4nu4iti2IS2r5Trl00it17/mspctrain.dat
6339 for b in 50; do
6340 for N in 100; do
6341 for a in 0.7; do for Bytesbeta in 0; do for bs in 1; do Bytes=3;BytesUseLemp=1;Bs=0;T=100;k=8;
6342 date;f=./mspcdata/result/b10icc/net_cr2cmlON30ny4nu4iti2IS2r5Trl00it17/mspctrain.dat
6343 echo "can2b/ensrs $f 2:$b:$a:$bs $N-$N:1 Lstd:0:2 k:$k) DISP:0 bytes:$Bytes:$Bytesbeta:0:$BytesUseL
emp:$Bs T:$T) BIAS:0 lossall:1 bg:/dev/null > /dev/null"
6344 can2b/ensrs $f 2:$b:$a:$bs $N-$N:1 Lstd:0:2 k:$k) DISP:0 bytes:$Bytes:$Bytesbeta:0:$BytesUseLemp:$B
s T:$T) BIAS:0 lossall:1 bg:/dev/null > /dev/null
6345 done;done;f=./mspcdata/result/b10icc/net_cr2cmlON30ny4nu4iti2IS2r5Trl00it17/mspctrain.dat
6346 done;done;done;cat lossall.dat
6347 #Bye;f=lob1.618e-07;lib1.34e-07;Lem1.44e-07;LbB9.97e-08emb50nobllISkw.Skva.Ktt.Var:-5.01e+00 0.56661 590.3
6 1.29447e-07 bytes:3:0:0:1:0k8N60_2:50:0:7:1
6348 #Bye;f=lob1.237e-07;lib1.01e-07;Lem1.09e-07;LbB9.58e-08emb50nobllISkw.Skva.Ktt.Var:-2.62e+00 0.584687 286.
221 1.22953e-07 bytes:3:0:0:1:0k8N60_2:50:0:7:1
6349 #Bye;f=lob9.495e-08;lib7.53e-08;Lem8.32e-08;LbB8.24e-08emb50nobllISkw.Skva.Ktt.Var:-5.42e+00 0.760221 554.
515 1.13326e-07 bytes:3:0:0:1:0k8N70_2:50:0:7:1
6350 #Bye;f=lob5.865e-08;lib3.59e-08;Lem4.26e-08;LbB6.16e-08emb50nobllISkw.Skva.Ktt.Var:-1.27e+00 0.901433 4470
.77 1.01222e-07 bytes:3:0:0:1:0k8N100_2:50:0:7:1***
6351 #Bye;f=lob6.399e-08;lib1.99e-08;Lem3.41e-08;LbB4.84e-08emb50nobllISkw.Skva.Ktt.Var:-2.29e+01 1.11336 4842.
51 1.11247e-07 bytes:3:0:0:1:0k8N150_2:50:0:7:1
6352 #Bye;f=lob1.077e-07;lib1.72e-08;Lem4.38e-08;LbB6.51e-08emb50nobllISkw.Skva.Ktt.Var:-6.40e+01 0.932691 1335
8.4 1.93482e-07 bytes:3:0:0:1:0k8N200_2:50:0:7:1
6353 #Huse N100S50
6354 make data-clean:date:time emulate_crane2 it:20:2 r:5 cr:2 cm:10 cc:0.5 umax:10 tt:100 kxt:1 method:1
2:100:150:0.7:0 DISP:0 listSS:1 T:100 N2s:12 LAMBDA:0.01:date
6355 -1.0 0 0 #ST[s] OS[mm] it for cr2cmlON100ny4nu4iti2IS2r5Trl00
6356 -1.0 1186 1 0 #ST[s] OS[mm] it for cr2cmlON100ny4nu4iti2IS2r5Trl00
6357 22.7 10 2 #ST[s] OS[mm] it for cr2cmlON100ny4nu4iti2IS2r5Trl00
6358 23.6 12 3 #ST[s] OS[mm] it for cr2cmlON100ny4nu4iti2IS2r5Trl00
6359 25.3 4 4 #ST[s] OS[mm] it for cr2cmlON100ny4nu4iti2IS2r5Trl00
6360 31.9 99 5 #ST[s] OS[mm] it for cr2cmlON100ny4nu4iti2IS2r5Trl00
6361 24.9 10 6 #ST[s] OS[mm] it for cr2cmlON100ny4nu4iti2IS2r5Trl00
6362 31.5 9 7 #ST[s] OS[mm] it for cr2cmlON100ny4nu4iti2IS2r5Trl00
6363 30.5 4 8 #ST[s] OS[mm] it for cr2cmlON100ny4nu4iti2IS2r5Trl00
6364 35.8 21 9 #ST[s] OS[mm] it for cr2cmlON100ny4nu4iti2IS2r5Trl00
6365 43.0 10 #ST[s] OS[mm] it for cr2cmlON100ny4nu4iti2IS2r5Trl00
6366 27.1 11 #ST[s] OS[mm] it for cr2cmlON100ny4nu4iti2IS2r5Trl00
6367 31.2 12 #ST[s] OS[mm] it for cr2cmlON100ny4nu4iti2IS2r5Trl00
6368 28.4 16 13 #ST[s] OS[mm] it for cr2cmlON100ny4nu4iti2IS2r5Trl00
6369 35.0 4 14 #ST[s] OS[mm] it for cr2cmlON100ny4nu4iti2IS2r5Trl00
6370 29.6 103 15 #ST[s] OS[mm] it for cr2cmlON100ny4nu4iti2IS2r5Trl00
6371 26.1 40 #ST[s] OS[mm] it for cr2cmlON100ny4nu4iti2IS2r5Trl00
6372 31.9 14 17 #ST[s] OS[mm] it for cr2cmlON100ny4nu4iti2IS2r5Trl00
6373 19.8 119 18 #ST[s] OS[mm] it for cr2cmlON100ny4nu4iti2IS2r5Trl00
6374 36.1 70 19 #ST[s] OS[mm] it for cr2cmlON100ny4nu4iti2IS2r5Trl00
6375 cmd='cat listSS.dat|awk 'BEGIN {vm=1e9} {if($1>0) {v=$2+$1*0.01; if(v<vm) {vm=v;i=$3+1}}} END {print
f,"head %d listSS.dat",-i}','','echo -n "#BestOS=0.01ST: ";$cmd | tail -1;cmd='cat listSS.dat|awk 'BEGIN {vm=1
e9} {if($1>0) {v=$1+0.01*$2; if(v<vm) {"#BestOS=i=$3+1}}} END {printf("head %d listSS.dat",-i)}','','echo -n "#Best
ST=0.01OS: ";$cmd | tail -1
6376 #BestOS+0.01ST: 25.3 0 4 #ST[s] OS[mm] it for cr2cmlON100ny4nu4iti2IS2r5Trl00
6377 #BestST+0.01OS: 19.8 119 18 #ST[s] OS[mm] it for cr2cmlON100ny4nu4iti2IS2r5Trl00
6378 #mkdir ../mspcdata/mkdir ../mspcdata/result/mkdir ../mspcdata/result/b10icc/mv result-ensrs2ge/net*
../mspcdata/result/b10icc/
6379 mv result-ensrs2ge/net* ../mspcdata/result/b10icc/
6380 #####
6381 #with gcc
```

```
6382 #with gcc
6383 make data-clean:date:time emulate_crane2 it:20:2 r:5 cr:2 cm:10 cc:0.5 umax:10 tt:100 kxt:1 method:1
2:100:150:0.7:0 DISP:0 listSS:1 T:100 N2s:12 LAMBDA:0.01:date
6384 2012年 4月 22日 日曜日 05:37:13 JST-->2012年 4月 22日 日曜日 08:56:00 JSTreal198m47.105user156m49
.500sys30ml7.862s
6385 mkdir ../mspcdata/mkdir ../mspcdata/result/mkdir ../mspcdata/result/b10gcc/mv result-ensrs2ge/net*
../mspcdata/result/b10gcc/
6386 -1.0 0 0 #ST[s] OS[mm] it for cr2cmlON30ny4nu4iti2IS2r5Trl00
6387 -1.0 3728 1 0 #ST[s] OS[mm] it for cr2cmlON30ny4nu4iti2IS2r5Trl00
6388 21.4 1 2 #ST[s] OS[mm] it for cr2cmlON30ny4nu4iti2IS2r5Trl00
6389 24.3 2 3 #ST[s] OS[mm] it for cr2cmlON30ny4nu4iti2IS2r5Trl00
6390 24.1 1 4 #ST[s] OS[mm] it for cr2cmlON30ny4nu4iti2IS2r5Trl00
6391 35.2 340 5 #ST[s] OS[mm] it for cr2cmlON30ny4nu4iti2IS2r5Trl00
6392 37.1 1 6 #ST[s] OS[mm] it for cr2cmlON30ny4nu4iti2IS2r5Trl00
6393 24.6 15 7 #ST[s] OS[mm] it for cr2cmlON30ny4nu4iti2IS2r5Trl00
6394 24.0 29 8 #ST[s] OS[mm] it for cr2cmlON30ny4nu4iti2IS2r5Trl00
6395 24.6 16 9 #ST[s] OS[mm] it for cr2cmlON30ny4nu4iti2IS2r5Trl00
6396 24.9 26 10 #ST[s] OS[mm] it for cr2cmlON30ny4nu4iti2IS2r5Trl00
6397 31.7 308 11 #ST[s] OS[mm] it for cr2cmlON30ny4nu4iti2IS2r5Trl00
6398 30.7 14 12 #ST[s] OS[mm] it for cr2cmlON30ny4nu4iti2IS2r5Trl00
6399 29.9 9 13 #ST[s] OS[mm] it for cr2cmlON30ny4nu4iti2IS2r5Trl00
6400 31.7 10 14 #ST[s] OS[mm] it for cr2cmlON30ny4nu4iti2IS2r5Trl00
6401 31.7 15 15 #ST[s] OS[mm] it for cr2cmlON30ny4nu4iti2IS2r5Trl00
6402 23.9 30 16 #ST[s] OS[mm] it for cr2cmlON30ny4nu4iti2IS2r5Trl00
6403 25.2 3 17 #ST[s] OS[mm] it for cr2cmlON30ny4nu4iti2IS2r5Trl00
6404 25.5 17 18 #ST[s] OS[mm] it for cr2cmlON30ny4nu4iti2IS2r5Trl00
6405 33.6 779 19 #ST[s] OS[mm] it for cr2cmlON30ny4nu4iti2IS2r5Trl00
6406 27.0 20 20 #ST[s] OS[mm] it for cr2cmlON30ny4nu4iti2IS2r5Trl00
6407 cmd='cat listSS.dat|awk 'BEGIN {vm=1e9} {if($1>0) {v=$2+$1*0.01; if(v<vm) {vm=v;i=$3+1}}} END {print
f,"head %d listSS.dat",-i}','','echo -n "#BestOS=0.01ST: ";$cmd | tail -1;cmd='cat listSS.dat|awk 'BEGIN {vm=1
e9} {if($1>0) {v=$1+0.01*$2; if(v<vm) {"#BestOS=i=$3+1}}} END {printf("head %d listSS.dat",-i)}','','echo -n "#Best
ST=0.01OS: ";$cmd | tail -1
6408 #BestOS+0.01ST: 27.0 0 20 #ST[s] OS[mm] it for cr2cmlON30ny4nu4iti2IS2r5Trl00
6409 #BestST+0.01OS: 21.4 1 2 #ST[s] OS[mm] it for cr2cmlON30ny4nu4iti2IS2r5Trl00
6410
6411
6412
6413
6414 #####
6415 2012.04.18
6416 #####
6417 (1) 使用方法 (Usage)
6418 (1-1) c./mspcのディレクトリの上のディレクトリ'cd ../' で,can2bのプログラム:
#http://kuro1ab2.cnt1.kyutech.ac.jp/~kuro/sotu/2010/can2b100125.tgz (以降のもの)
#を解凍する.(can2b/がバイス-0.125の学習を行えるようにした)
6419 (1-2) #c (1) 以下の作業を,ワーキングディレクトリに'cd ./prog/'で入って行く.
6420 #cd ./prog
6421 #make
6422 #make #オブジェクトの作成
6423 (1-3)必要に応じて以下をおこなう.
6424 #make clean
6425 #make clean #オブジェクトのクリーン
6426 #make all-clean #全てのクリーン
6427 #xtermの消去: kill -9 'ps aux|grep xterm|sed -e "/ps aux/"d -e /grep/d -e /killin/d|awk '{print $2}','','
(1-4)オブションなどは,下記の.2010126evening.20100126を参照.
6428 #####
6429 (1-5) #####
6430 (1-6) #####
6431 2012.04.18
6432 (1)emulate_crane2のバギングルーチンがほぼできた.
6433 (1-1) emulate_crane2 のオプションの説明:
method:12:<N>:num_bags>:cbag_alpha>:cbag_seed>:cnet_dir_1>:cnet_dir_2>:....:cnet_dir_n>
6434 <N>:CAN2のユニット数
6435 <num_bags>:バグ数,ただし,num_bags=1すると,SingleCAN2の結果になる.ただしmethod:1,...のときと
少し違う結果になる(Obtain_AP_1()の処理の違い).
6436 <cbag_alpha>:バグサイズ比
6437 <cbag_seed>:バギングの乱数の初期値
6438 <cnet_dir_1>:バギングの結果が入ったディレクトリ名(mv result-ensrs2ge/* ../result/b10/)
などとして保存
6439
6440 (1-2) プログラムの変更点は,apc.crane.c, emulate_crane.cの bagging_flag201204 のところを参照のこと.
6441 (1-3)##以下,作成されたlistSS.datの処理
6442 #cmd='cat listSS.dat|awk 'BEGIN {vm=1e9} {if($1>0) {v=$2+$1*0.1; if(v<vm) {vm=v;i=$3+1}}} END {print
f,"head %d listSS.dat",-i}','','echo -n "#BestOS=0.1ST: ";$cmd | tail -1;cmd='cat listSS.dat|awk 'BEGIN {vm=1
e9} {if($1>0) {v=$1+0.1*$2; if(v<vm) {"#BestOS=i=$3+1}}} END {printf("head %d listSS.dat",-i)}','','echo -n "#BestST
=0.1OS: ";$cmd | tail -1
6446 ##以上,作成されたlistSS.datの処理
6447 (実行列の例)
6448 make data-clean:date:time emulate_crane2 it:20:1 r:5 cr:2 cm:10 cc:0.5 umax:10 tt:100 kxt:1 method:1
2:100:150:0.7:0 DISP:0 listSS:1 T:100 N2s:12 LAMBDA:0.01:date
6449 mkdir ../result/mkdir ../mspcdata/result/mkdir ../mspcdata/result/b10/mv result-ensrs2ge/* ../result/b10/
```

```
6450 emulate_crane2 it:1:1 r:5 cr:2 cm:10 cc:0.5 umax:10 tt:100 kxt:1 method:12:30:10:0.7:0:../result/b10
/net_cr2cm10n30ny4nu4t1l1S2r5T100.t2 DISP:0 listSS:1 T:100 N2s:12 LAMEDA:0.01
6451 emulate_crane2 it:1:1 r:5 cr:2 cm:10 cc:0.5 umax:10 tt:100 kxt:1 method:12:30:10:0.7:0:../result/b10
/net_cr2cm10n30ny4nu4t1l1S2r5T100.t2.../result/b10/net_cr2cm10N30ny4nu4t1l1S2r5T100.t20 DISP:0 listSS:1 T
:100 N2s:12 LAMEDA:0.01
6452
6453 (1)結果1 iti=2 (better than iti=1, but slower?)
6454 make data-clean,date:cmd="emulate_crane2 it:20:2 r:5 cr:2 cm:10 cc:0.5 umax:10 tt:100 kxt:1 method:1
2:30:10:0.7:0 DISP:0 listSS:1 T:100 N2s:12 LAMEDA:0.01" >time %cmd:date
6455 cat ../result/net_cr2cm10N30ny4nu4t1t12IS2r5T100.t20/listSS.dat
6456 -1.0 0 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t12IS2r5T100
6457 -1.0 3728 1 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t12IS2r5T100
6458 21.4 1 2 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t12IS2r5T100
6459 24.9 4 3 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t12IS2r5T100
6460 24.7 1 4 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t12IS2r5T100
6461 30.6 2 5 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t12IS2r5T100
6462 24.6 33 6 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t12IS2r5T100
6463 21.8 66 7 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t12IS2r5T100
6464 24.2 0 9 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t12IS2r5T100
6465 31.6 0 9 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t12IS2r5T100
6466 22.9 4 10 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t12IS2r5T100
6467 22.4 0 11 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t12IS2r5T100
6468 20.6 12 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t12IS2r5T100
6469 21.9 0 13 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t12IS2r5T100
6470 26.5 0 14 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t12IS2r5T100
6471 31.9 0 15 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t12IS2r5T100
6472 26.0 0 16 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t12IS2r5T100
6473 26.0 0 17 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t12IS2r5T100
6474 22.8 0 18 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t12IS2r5T100
6475 17.7 44 19 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t12IS2r5T100
6476 30.9 0 20 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t12IS2r5T100
6477 #BestOS+0.1ST: 20.3 0 17 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t12IS2r5T100
6478 #BestST: 17.7 44 19 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t12IS2r5T100
6479
6480 (2) singleCAN2の結果:速い、でも不安定?
6481 date:time emulate_crane2 it:20:2 r:5 cr:2 cm:10 cc:0.5 umax:10 tt:100 kxt:1 method:12:30:10:0.7:0 DIS
P:0 listSS:1 T:100 N2s:12 LAMEDA:0.01:date
6482 2012年 4月 19日 水曜日 06:37:27 JST-->2012年 4月 19日 水曜日 06:47:53 JST
6483 real0m2s.962s user8m28.668s sys0m5s.083s
6484 -1.0 0 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t12IS2r5T100
6485 -1.0 4121 1 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t12IS2r5T100
6486 -1.0 259 2 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t12IS2r5T100
6487 20.4 79 3 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t12IS2r5T100
6488 29.9 15 4 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t12IS2r5T100
6489 38.3 1200 5 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t12IS2r5T100
6490 39.5 1 6 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t12IS2r5T100
6491 23.8 13 7 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t12IS2r5T100
6492 19.9 52 8 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t12IS2r5T100
6493 29.8 1 9 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t12IS2r5T100
6494 43.0 10 10 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t12IS2r5T100
6495 27.1 124 11 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t12IS2r5T100
6496 21.7 94 12 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t12IS2r5T100
6497 27.9 107 13 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t12IS2r5T100
6498 27.1 0 14 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t12IS2r5T100
6499 29.5 0 15 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t12IS2r5T100
6500 43.2 0 16 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t12IS2r5T100
6501 73.6 1 17 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t12IS2r5T100
6502 18.7 8 18 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t12IS2r5T100
6503 27.7 0 19 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t12IS2r5T100
6504 29.9 0 20 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t12IS2r5T100
6505 #BestOS+0.1ST: 27.1 0 14 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t12IS2r5T100
6506 #BestST: 18.7 8 18 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t12IS2r5T100
6507
6508 (2)結果2 iti=1
6509 #result of emulate_crane2 compiled by gcc (?better than the result by gcc below)
6510 make data-clean,date:time emulate_crane2 it:20:1 r:5 cr:2 cm:10 cc:0.5 umax:10 tt:100 kxt:1 method:1
2:30:10:0.7:0 DISP:0 listSS:1 T:100 N2s:12 LAMEDA:0.01:date
6511 2012年 4月 18日 水曜日 20:34:38 JST-->2012年 4月 18日 水曜日 22:58:29 JST (real143m51.542s user93m5
0.892asy19m11.536s)
6512 -1.0 0 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t1l1S2r5T100
6513 -1.0 3728 1 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t1l1S2r5T100
6514 21.4 1 2 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t1l1S2r5T100
6515 31.2 0 3 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t1l1S2r5T100
6516 29.4 11 4 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t1l1S2r5T100
6517 38.5 222 5 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t1l1S2r5T100
6518 25.3 15 6 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t1l1S2r5T100
6519 23.7 19 7 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t1l1S2r5T100
6520 30.0 10 8 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t1l1S2r5T100
6521 36.4 4 9 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t1l1S2r5T100
6522 35.4 5 10 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t1l1S2r5T100
6523 32.8 16 11 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t1l1S2r5T100
6524 24.6 2 12 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t1l1S2r5T100
```

```
6525 27.8 0 13 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t1l1S2r5T100
6526 31.9 4 14 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t1l1S2r5T100
6527 32.9 1 15 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t1l1S2r5T100
6528 23.0 3 16 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t1l1S2r5T100
6529 29.0 2 17 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t1l1S2r5T100
6530 29.0 0 18 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t1l1S2r5T100
6531 32.4 0 19 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t1l1S2r5T100
6532 23.9 0 20 #ST[s] OS[mm] i for cr2cm10N30ny4nu4t1t1l1S2r5T100
6533 #BestOS+0.1ST: 23.9 0 20 #ST[s] OS[mm] it for cr2cm10N30ny4nu4t1l1S2r5T100
6534 #BestOS+0.1OS: 21.4 1 2 #ST[s] OS[mm] it for cr2cm10N30ny4nu4t1l1S2r5T100
6535 mkdir ../mspdata/result/b10icc; mv result-ensrs2ge/net* ../mspdata/result/b10icc/
f=../mspdata/result/b10icc/net_cr2cm10N30ny4nu4t1l1S2r5T100.t2/mspctrain.dat
6536 for b in 90 100; do
6537   for n in 200; do
6538     for a in 0.7; do
6539       for b in 0; do
6540         date;
6541         echo "can2b/ensrs $f 2:/$b:$a:$bs $N-$N:1 Lstd:0:2 k:$[k] DISP:0 bytes:$Bayesbeta:0:$BayesUseL
emp:$Bs T:$[T] BIAS:0 lossall:1 bg:/dev/null > /dev/null
6542 time can2b/ensrs $f 2:/$b:$a:$bs $N-$N:1 Lstd:0:2 k:$[k] DISP:0 bytes:$Bayesbeta:0:$BayesUseLe
mp:$Bs T:$[T] BIAS:0 lossall:1 bg:/dev/null > /dev/null
6543 done;done;
6544 done;done;done;cat lossall.dat
6545
6546 #Bys:lob3.582e-07Lb2.76e-07Lem3.04e-07Lb3.41e-07enb40nob8Skw,Skwa,Krt,Var:+4.54e+01 0.910087 10972
.7 5.7767e-07 bytes:3:0:0:1:0k8N200_2:40:0.7:1
6547 #Bys:lob3.550e-07Lb2.73e-07Lem3.02e-07Lb4.05e-07enb50nob1Skw,Skwa,Krt,Var:+6.44e+01 0.808516 1290
8.5 7.02668e-07 bytes:3:0:0:1:0k8N200_2:50:0.7:1****
6548 #Bys:lob3.554e-07Lb2.71e-07Lem3.03e-07Lb4.26e-07enb90nob26Skw,Skwa,Krt,Var:-6.67e+01 1.19115 21197
.6 1.14757e-06 bytes:3:0:0:1:0k8N200_2:90:0.7:1
6549 #Bys:lob3.506e-07Lb2.70e-07Lem3.01e-07Lb5.93e-07enb100nob29Skw,Skwa,Krt,Var:-6.55e+01 1.20114 2180
8.2 1.0792e-06 bytes:3:0:0:1:0k8N200_2:100:0.7:1
6550
6551 #Bys:lob1.598e-06Lb1.45e-06Lem1.45e-06Lb3.96e-07enb10nob0Skw,Skwa,Krt,Var:-2.18e-01 -nan 13.6743 5
.0962e-07 bytes:3:0:0:1:0k8N30_2:0:10:0.7:1
6552 #Bys:lob1.272e-06Lb1.16e-06Lem1.15e-06Lb3.66e-07enb10nob0Skw,Skwa,Krt,Var:-6.51e-01 -nan 23.1794 4
.69048e-07 bytes:3:0:0:1:0k8N40_2:10:0.7:1
6553 #Bys:lob1.126e-06Lb1.00e-06Lem9.94e-07Lb3.60e-07enb10nob0Skw,Skwa,Krt,Var:-4.73e-02 -nan 13.8955 4
.66897e-07 bytes:3:0:0:1:0k8N50_2:10:0.7:1
6554 #Bys:lob1.038e-06Lb1.05e-07Lem9.00e-07Lb3.77e-07enb10nob0Skw,Skwa,Krt,Var:-1.63e-01 -nan 15.0125 4
.85722e-07 bytes:3:0:0:1:0k8N60_2:10:0.7:1
6555 #Bys:lob8.484e-07Lb1.77e-07Lem7.18e-07Lb3.20e-07enb10nob0Skw,Skwa,Krt,Var:+1.70e-01 -nan 25.3432 4
.42347e-07 bytes:3:0:0:1:0k8N80_2:10:0.7:1
6556 #Bys:lob8.160e-07Lb1.86e-07Lem6.86e-07Lb3.07e-07enb10nob0Skw,Skwa,Krt,Var:+2.23e-01 -nan 25.2601 4
.30594e-07 bytes:3:0:0:1:0k8N90_2:10:0.7:1
6557 #Bys:lob7.433e-07Lb1.25e-07Lem6.20e-07Lb3.10e-07enb10nob0Skw,Skwa,Krt,Var:-5.00e-01 -nan 26.7443 4
.39587e-07 bytes:3:0:0:1:0k8N100_2:10:0.7:1
6558 #Bys:lob4.628e-07Lb3.21e-07Lem3.42e-07Lb2.02e-07enb10nob0Skw,Skwa,Krt,Var:+3.43e+00 -nan 1265.67 4
.06459e-07 bytes:3:0:0:1:0k8N200_2:10:0.7:1****
6559 #Bys:lob5.570e-07Lb2.39e-07Lem3.21e-07Lb4.57e-07enb10nob0Skw,Skwa,Krt,Var:+5.07e+01 -nan 6639.49 1
.1526e-06 bytes:3:0:0:1:0k8N300_2:10:0.7:1
6560 #Bys:lob2.262e-06Lb1.86e-07Lem7.99e-07Lb2.76e-06enb10nob0Skw,Skwa,Krt,Var:+6.90e+01 -nan 9033.81 7
.49847e-06 bytes:3:0:0:1:0k8N400_2:10:0.7:1
6561 #Use N200b50
6562 make data-clean,date:time emulate_crane2 it:20:1 r:5 cr:2 cm:10 cc:0.5 umax:10 tt:100 kxt:1 method:1
2:200:50:0.7:0 DISP:0 listSS:1 T:100 N2s:12 LAMEDA:0.01:date
6563 2012年 4月 25日 水曜日 16:02:29 JST-->2012年 4月 27日 金曜日 04:00:04 JSTreal2157m35.228suser1888m
22.673asy103m23.088s
6564 -1.0 0 0 #ST[s] OS[mm] it for cr2cm10N200ny4nu4t1l1S2r5T100
6565 95.6 1625 1 #ST[s] OS[mm] it for cr2cm10N200ny4nu4t1l1S2r5T100
6566 28.7 204 2 #ST[s] OS[mm] it for cr2cm10N200ny4nu4t1l1S2r5T100
6567 18.0 68 3 #ST[s] OS[mm] it for cr2cm10N200ny4nu4t1l1S2r5T100
6568 31.7 8 4 #ST[s] OS[mm] it for cr2cm10N200ny4nu4t1l1S2r5T100
6569 31.6 33 5 #ST[s] OS[mm] it for cr2cm10N200ny4nu4t1l1S2r5T100
6570 28.2 1 6 #ST[s] OS[mm] it for cr2cm10N200ny4nu4t1l1S2r5T100
6571 24.1 647 7 #ST[s] OS[mm] it for cr2cm10N200ny4nu4t1l1S2r5T100
6572 22.2 31 8 #ST[s] OS[mm] it for cr2cm10N200ny4nu4t1l1S2r5T100
6573 23.1 9 9 #ST[s] OS[mm] it for cr2cm10N200ny4nu4t1l1S2r5T100
6574 23.7 10 #ST[s] OS[mm] it for cr2cm10N200ny4nu4t1l1S2r5T100
6575 -1.0 704 11 #ST[s] OS[mm] it for cr2cm10N200ny4nu4t1l1S2r5T100
6576 31.7 12 #ST[s] OS[mm] it for cr2cm10N200ny4nu4t1l1S2r5T100
6577 29.0 11 13 #ST[s] OS[mm] it for cr2cm10N200ny4nu4t1l1S2r5T100
6578 25.4 0 14 #ST[s] OS[mm] it for cr2cm10N200ny4nu4t1l1S2r5T100
6579 23.4 0 15 #ST[s] OS[mm] it for cr2cm10N200ny4nu4t1l1S2r5T100
6580 66.3 972 16 #ST[s] OS[mm] it for cr2cm10N200ny4nu4t1l1S2r5T100
6581 90.1 15 17 #ST[s] OS[mm] it for cr2cm10N200ny4nu4t1l1S2r5T100
6582 18.9 44 18 #ST[s] OS[mm] it for cr2cm10N200ny4nu4t1l1S2r5T100
6583 31.4 2 19 #ST[s] OS[mm] it for cr2cm10N200ny4nu4t1l1S2r5T100
6584 36.1 364 20 #ST[s] OS[mm] it for cr2cm10N200ny4nu4t1l1S2r5T100
6585
6586 #####
6587 f=../mspdata/result/b10/net_cr2cm10N30ny4nu4t1l1S2r5T100.t2/mspctrain.dat
```

```
6589 for b in 50; do
6590 for N in 30 40 50; do
6591 for a in 0.7; do for Bayesbeta in 0; do for bs in 1; do Bayes3=BayesUseLemp=1;Bs=0;T=100;k=8;
6592 date;
6593 echo "can2b/enstrs $f 2:$b:$a:$bs $N-$N:1 Lstd:0:2 k:$k DISP:0 bayes:$Bayesbeta:0:$BayesUseL
emp:$Bs T:$T BIAS:0 lossall:1 bg:/dev/null > /dev/null"
6594 time can2b/enstrs $f 2:$b:$a:$bs $N-$N:1 Lstd:0:2 k:$k DISP:0 bayes:$Bayes:$Bayesbeta:0:$BayesUseLe
mp:$Bs T:$T BIAS:0 lossall:1 bg:/dev/null > /dev/null
6595 done;done;
6596 done;done;date;lossall;cat;
6597 #Bs=Lobi;.444e-07Libi;.43e-07Leml;.41e-07LbB9;.31e-08enb50nobl0Skw;.Skwa;.Krt;.Var:--2.21e+00 0.56359 142.0
61.9.52623e-08 bayes:3:0:0:1:0:K8N30;.2:50:0.7:1
6598 #Bs=Lobi;.418e-07Libi;.43e-07Leml;.40e-07LbB9;.71e-08enb50nobl0Skw;.Skwa;.Krt;.Var:--2.49e+00 0.652083 141.
001.9.79114e-08 bayes:3:0:0:1:0:K8N40;.2:50:0.7:1
6599 #Bs=Lobi;.057e-07Libi;.06e-07Leml;.04e-07LbB9;.47e-08enb50nobl0Skw;.Skwa;.Krt;.Var:--2.65e+00 0.634185 187.
429.9.50172e-08 bayes:3:0:0:1:0:K8N50;.2:50:0.7:1*****
6600 #Bs=Lob6;.152e-07Lib5;.14e-07Leml;.53e-07LbB3;.53e-07enb50nobl0Skw;.Skwa;.Krt;.Var:--2.01e+00 0.612422 190.
676.4.53078e-07 bayes:3:0:0:1:0:K8N60;.2:50:0.7:1
6601 #Bs=Lob5;.593e-07Lib4;.49e-07Leml;.46e-07LbB3;.29e-07enb50nobl0Skw;.Skwa;.Krt;.Var:--1.21e-01 0.913302 28.8
602.4.20709e-07 bayes:3:0:0:1:0:K8N70;.2:50:0.7:1
6602 #Bs=Lobi;.460e-07Libi;.44e-07Leml;.43e-07LbB9;.36e-08enb60nobl5Skw;.Skwa;.Krt;.Var:--2.14e+00 0.57475 134.6
52.9.59685e-08 bayes:3:0:0:1:0:K8N30;.2:60:0.7:1
6603 #Bs=Lobi;.758e-07Libi;.65e-07Leml;.58e-07Leml;.44e-07Leml;.07e-08enb10nobl0Skw;.Skwa;.Krt;.Var:--7.52e-01 -nan 50.0285 7
.85631e-08 bayes:3:0:0:1:0:K8N30;.2:10:0.7:1
6604 #Bs=Lobi;.474e-07Libi;.46e-07Leml;.44e-07Leml;.43e-07Leml;.29e-07LbB9;.29e-08enb10nobl0Skw;.Skwa;.Krt;.Var:--2.33e+00 0.560955 144.6
78.9.49676e-08 bayes:3:0:0:1:0:K8N30;.2:40:0.7:1
6605 #Bs=Lobi;.444e-07Libi;.43e-07Leml;.43e-07Leml;.43e-07Leml;.31e-08enb50nobl0Skw;.Skwa;.Krt;.Var:--2.21e+00 0.56359 142.0
61.9.52623e-08 bayes:3:0:0:1:0:K8N30;.2:50:0.7:1***
6606 #Bs=Lobi;.460e-07Libi;.44e-07Leml;.43e-07Leml;.43e-07LbB9;.36e-08enb60nobl5Skw;.Skwa;.Krt;.Var:--2.14e+00 0.57475 134.6
52.9.59685e-08 bayes:3:0:0:1:0:K8N30;.2:60:0.7:1
6607 #Huse N=50;b=50 NG?
6608 #Huse N=50;b=50 NG?
6609 make data-clean;date;time emulate_crane2 it:20:1 r:5 cr:2 cm:10 cC:0.5 umax:10 tt:100 kxt:1 method:1
2:30:10:0.7:0 DISP:0 listSS:1 T:100 N2s:12 LAMBDA:0.01;date
6610 -1.0 0 0 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it1i3S2r5Tl00
6611 99.2 2811 1 2 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it1i3S2r5Tl00
6612 29.2 24 2 #ST[s] OS[mm] it for cr2cm1ON50ny4nu4it1i3S2r5Tl00
6613 22.5 24 3 #ST[s] OS[mm] it for cr2cm1ON50ny4nu4it1i3S2r5Tl00
6614 -1.0 79 4 #ST[s] OS[mm] it for cr2cm1ON50ny4nu4it1i3S2r5Tl00
6615 21.1 1 5 #ST[s] OS[mm] it for cr2cm1ON50ny4nu4it1i3S2r5Tl00
6616 19.7 94 6 #ST[s] OS[mm] it for cr2cm1ON50ny4nu4it1i3S2r5Tl00
6617 28.7 0 7 #ST[s] OS[mm] it for cr2cm1ON50ny4nu4it1i3S2r5Tl00
6618 37.7 0 8 #ST[s] OS[mm] it for cr2cm1ON50ny4nu4it1i3S2r5Tl00
6619 36.0 1 9 #ST[s] OS[mm] it for cr2cm1ON50ny4nu4it1i3S2r5Tl00
6620 27.3 2 10 #ST[s] OS[mm] it for cr2cm1ON50ny4nu4it1i3S2r5Tl00
6621 31.4 4 11 #ST[s] OS[mm] it for cr2cm1ON50ny4nu4it1i3S2r5Tl00
6622 29.7 47 12 #ST[s] OS[mm] it for cr2cm1ON50ny4nu4it1i3S2r5Tl00
6623 23.9 90 13 #ST[s] OS[mm] it for cr2cm1ON50ny4nu4it1i3S2r5Tl00
6624 31.3 16 14 #ST[s] OS[mm] it for cr2cm1ON50ny4nu4it1i3S2r5Tl00
6625 29.8 0 15 #ST[s] OS[mm] it for cr2cm1ON50ny4nu4it1i3S2r5Tl00
6626 34.2 242 16 #ST[s] OS[mm] it for cr2cm1ON50ny4nu4it1i3S2r5Tl00
6627 29.9 0 17 #ST[s] OS[mm] it for cr2cm1ON50ny4nu4it1i3S2r5Tl00
6628 21.1 0 18 #ST[s] OS[mm] it for cr2cm1ON50ny4nu4it1i3S2r5Tl00
6629 29.4 49 19 #ST[s] OS[mm] it for cr2cm1ON50ny4nu4it1i3S2r5Tl00
6630 26.8 3 20 #ST[s] OS[mm] it for cr2cm1ON50ny4nu4it1i3S2r5Tl00
6631
```

```
6632 #result of emulate_crane2 compiled by gcc not icc for the above
6633 emulate_crane2 it:20:1 r:5 cr:2 cm:10 cC:0.5 umax:10 tt:100 kxt:1 method:12:30:10:0.7:0 DISP:0 lists
S:1 T:100 N2s:12 LAMBDA:0.01
6634 -1.0 0 0 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it1i3S2r5Tl00
6635 -1.0 3728 1 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it1i3S2r5Tl00
6636 21.4 1 2 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it1i3S2r5Tl00
6637 28.8 0 3 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it1i3S2r5Tl00
6638 29.1 3 4 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it1i3S2r5Tl00
6639 39.6 324 5 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it1i3S2r5Tl00
6640 30.9 0 6 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it1i3S2r5Tl00
6641 25.2 140 7 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it1i3S2r5Tl00
6642 29.5 339 8 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it1i3S2r5Tl00
6643 32.5 6 9 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it1i3S2r5Tl00
6644 28.8 0 10 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it1i3S2r5Tl00
6645 30.5 0 11 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it1i3S2r5Tl00
6646 33.7 0 12 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it1i3S2r5Tl00
6647 29.9 337 13 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it1i3S2r5Tl00
6648 22.1 2 14 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it1i3S2r5Tl00
6649 25.4 0 15 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it1i3S2r5Tl00
6650 45.1 0 16 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it1i3S2r5Tl00
6651 29.7 166 17 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it1i3S2r5Tl00
6652 27.3 0 18 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it1i3S2r5Tl00
6653 25.0 2 19 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it1i3S2r5Tl00
6654 28.4 46 20 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it1i3S2r5Tl00
6655
```

```
6657 ###
6658 make data-clean;date;time emulate_crane2 it:20:3 r:5 cr:2 cm:10 cC:0.5 umax:10 tt:100 kxt:1 method:1
2:30:10:0.7:0 DISP:0 listSS:1 T:100 N2s:12 LAMBDA:0.01;date
6659 2012年 4月 19日 木曜日 20:31:06 JST-->2012年 4月 20日 金曜日 01:11:04 JST(real279m58.414s user194ms
1.307s sys37m0.803s)
6660 cat ../result/b10/net.cr2cm1ON30ny4nu4it1i3S2r5Tl00t1201/listSS.dat
6661 -1.0 0 0 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it1i3S2r5Tl00
6662 -1.0 3728 1 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it1i3S2r5Tl00
6663 21.4 1 2 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it1i3S2r5Tl00
6664 24.9 4 3 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it1i3S2r5Tl00
6665 25.0 2 4 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it1i3S2r5Tl00
6666 19.7 72 5 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it1i3S2r5Tl00
6667 29.6 129 6 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it1i3S2r5Tl00
6668 27.7 181 7 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it1i3S2r5Tl00
6669 32.1 562 8 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it1i3S2r5Tl00
6670 28.1 235 9 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it1i3S2r5Tl00
6671 31.4 318 10 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it1i3S2r5Tl00
6672 24.5 6 11 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it1i3S2r5Tl00
6673 28.3 11 12 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it1i3S2r5Tl00
6674 28.5 13 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it1i3S2r5Tl00
6675 29.7 5 14 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it1i3S2r5Tl00
6676 33.3 15 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it1i3S2r5Tl00
6677 29.6 5 16 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it1i3S2r5Tl00
6678 29.6 15 17 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it1i3S2r5Tl00
6679 26.5 7 18 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it1i3S2r5Tl00
6680 23.2 4 19 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it1i3S2r5Tl00
6681 27.0 6 20 #ST[s] OS[mm] it for cr2cm1ON30ny4nu4it1i3S2r5Tl00
6682
6683 make data-clean;date;time emulate_crane2 it:20:1 r:5 cr:2 cm:10 cC:0.5 umax:10 tt:100 kxt:1 method:1
2:30:10:0.7:0 DISP:0 listSS:1 T:100 N2s:12 LAMBDA:0.01;date
6684 2012年 4月 20日 金曜日 14:10:06 JST-->2012年 4月 20日 金曜日 19:23:47 JST(real313m40.613s user200m4
.374s sys39m9.527s)
6685 0)SettlingTime=1.0s OS=0mm cr2 cm10 ny4 nu4
6686 1)SettlingTime=1.0s OS=6663mm cr2 cm10 ny4 nu4
6687 2)SettlingTime=19.2s OS=53mm cr2 cm10 ny4 nu4
6688 3)SettlingTime=20.1s OS=69mm cr2 cm10 ny4 nu4
6689 4)SettlingTime=20.1s OS=69mm cr2 cm10 ny4 nu4
6690 5)SettlingTime=1.0s OS=0mm cr2 cm10 ny4 nu4
6691 6)SettlingTime=34.6s OS=326mm cr2 cm10 ny4 nu4
6692 7)SettlingTime=26.6s OS=4mm cr2 cm10 ny4 nu4
6693 8)SettlingTime=29.2s OS=417mm cr2 cm10 ny4 nu4
6694 9)SettlingTime=31.6s OS=365mm cr2 cm10 ny4 nu4
6695 10)SettlingTime=26.1s OS=2mm cr2 cm10 ny4 nu4
6696 11)SettlingTime=28.1s OS=7mm cr2 cm10 ny4 nu4
6697 12)SettlingTime=28.1s OS=24mm cr2 cm10 ny4 nu4
6698 13)SettlingTime=19.1s OS=58mm cr2 cm10 ny4 nu4
6699 14)SettlingTime=30.7s OS=21mm cr2 cm10 ny4 nu4
6700 15)SettlingTime=28.6s OS=6mm cr2 cm10 ny4 nu4
6701 16)SettlingTime=25.1s OS=3mm cr2 cm10 ny4 nu4
6702 17)SettlingTime=24.9s OS=20mm cr2 cm10 ny4 nu4
6703 18)SettlingTime=21.3s OS=22mm cr2 cm10 ny4 nu4
6704 19)SettlingTime=28.1s OS=12mm cr2 cm10 ny4 nu4
6705 20)SettlingTime=33.1s OS=1mm cr2 cm10 ny4 nu4
6706
6707
6708
6709 #####
6710 #for check with numPages=1
6711 emulate_crane2 it:20:2 r:5 cr:2 cm:10 cC:0.5 umax:10 tt:100 kxt:1 method:11:30:1:0.7:0 DISP:0 listSS
:1 T:100 N2s:12 LAMBDA:0.01
6712 ##以下,作成されたlistSS.datの処理
6713 cmd='cat listSS.dat|awk 'BEGIN {v=1e9} {if($1>0) {v=$2+$1*0.1; if(v<v)} {v=v-i;$3=1}} END {printf
{"head %d listSS.dat",-i}};echo -n "#BestOS=0.1ST: 27.1 0 14 #ST[s] OS[mm] i for cr2cm1ON30ny4nu4it1i3S2r5Tl00
"}'if($1>0) {v=$1; if(v<v)} {v=v-i;$3=1}} END {printf("head %d listSS.dat",-i}};echo -n "#BestST: 18.7 8 18
#ST[s] OS[mm] i for cr2cm1ON30ny4nu4it1i3S2r5Tl00"} tail -1
6714 ###以上,作成されたlistSS.datの処理
6715 emulate_crane2 it:20:2 r:5 cr:2 cm:10 cC:0.5 umax:10 tt:100 kxt:1 method:11:30:1:0.7:0 DISP:0 listSS
:1 T:100 N2s:12 LAMBDA:0.01
6716 #BestOS=0.1ST: 27.1 0 14 #ST[s] OS[mm] i for cr2cm1ON30ny4nu4it1i3S2r5Tl00
6717 #BestST: 18.7 8 18 #ST[s] OS[mm] i for cr2cm1ON30ny4nu4it1i3S2r5Tl00
6718
6719
6720 ##emulate_crane2 it:20:2 r:5 cr:2 cm:10 cC:0.5 umax:10 tt:100 kxt:1 method:11:30:1:0.7:0 DISP:0 lis
tSS:1 T:50 N2s:12 LAMBDA:0.01
6721 #####BestOS=0.1ST: 19.9 52 8 #ST[s] OS[mm] i for cr2cm1ON30ny4nu4it1i3S2r5Tl00
6722 #####BestST: 18.7 8 18 #ST[s] OS[mm] i for cr2cm1ON30ny4nu4it1i3S2r5Tl00
6723 emulate_crane2 it:20:2 r:5 cr:2 cm:10 cC:0.5 umax:10 tt:100 kxt:1 method:1:30 DISP:0 lists:1 T:100
N2s:12 LAMBDA:0.01
6724 #slightly different around usew
6725 #BestOS=0.1ST: 27.1 0 14 #ST[s] OS[mm] i for cr2cm1ON30ny4nu4it1i3S2r5Tl00
6726 #BestST: 18.7 8 18 #ST[s] OS[mm] i for cr2cm1ON30ny4nu4it1i3S2r5Tl00
6727 #####emulate_crane2 it:20:2 r:5 cr:2 cm:10 cC:0.5 umax:10 tt:100 kxt:1 method:1:30 DISP:0 lists:1 T:
```



```
6948 echo "Executing 'time %cmd%"; time %cmd
6949 #time emulate_crane2 net::$t1 $r$ cr:$cr cm:$cm cc:$cc umax:$umax tt:100 kxt:1 method:1:$N DIS
P:0 listSS:1 T100 N2s=8;N2s=8 LAMBDA=$LAMBDA
6950 cat listSS.dat
6951 f=${dst}/${cms}[cr]$cr).net:rop can2b.net $f; echo "##### Done: cp can2b.net $f";fa=${fa}.$f
6952 echo -n "BestOS+0.1ST: "cmd=cat listSS.dat&awk 'BEGIN {v=1e9} {if($1>0) {v=$2-$1*0.1; if(v<vm) {v
v=1+$3+1}} END {printf("head & listSS.dat",v)}};}'$cmd | tail -1
6953 echo -n "BestST: "cmd=cat listSS.dat&awk 'BEGIN {v=1e9} {if($1>0) {v=$1; if(v<vm) {vm=v; i=$3+1}}}
END {printf("head & listSS.dat",i)}};}'$cmd | tail -1
6954 #echo -n "Best OS+0.1ST:~$f{r}";cmd=cat listSS.dat&awk 'BEGIN {v=1e9} {if($2>0) {v=$3+$2*0.1; if(v
<vm) {vm=v; i=$1+1}} END {printf("head & listSS.dat",i)}};}'$cmd | tail -1
6955 echo : done
6956 N2s=8;LAMBDA=0.01;umax=10
6957 BestOS+0.1ST: 15.2 0 10 #ST[s] OS[mm] i for cr2cm10N30ny4nu4it12IS2s25Tl00
6958 BestOS+0.1ST: 28.2 238 18 #ST[s] OS[mm] i for cr2cm10N30ny4nu4it12IS2s25Tl00 NG
6959 BestOS+0.1ST: 16.0 0 12 #ST[s] OS[mm] i for cr10cm10N30ny4nu4it12IS2s25Tl00
6960 BestOS+0.1ST: head: '0' を読み込みにカーブできません: No such file or directory
6961 BestST: 15.0 23 16 #ST[s] OS[mm] i for cr2cm10N30ny4nu4it12IS2s25Tl00
6962 BestST: 26.6 333 5 #ST[s] OS[mm] i for cr2cm10N30ny4nu4it12IS2s25Tl00
6963 BestST: 16.0 0 12 #ST[s] OS[mm] i for cr10cm10N30ny4nu4it12IS2s25Tl00
6964 BestST: head: '0' を読み込みにカーブできません: No such file or directory
6965 N2s=9;LAMBDA=0.01;umax=10
6966 BestOS+0.1ST: 19.2 0 10 #ST[s] OS[mm] i for cr2cm10N30ny4nu4it12IS2s25Tl00
6967 BestOS+0.1ST: 21.7 0 12 #ST[s] OS[mm] i for cr2cm10N30ny4nu4it12IS2s25Tl00
6968 BestOS+0.1ST: 24.2 16 #ST[s] OS[mm] i for cr10cm10N30ny4nu4it12IS2s25Tl00
6969 BestOS+0.1ST: 47.2 64 14 #ST[s] OS[mm] i for cr10cm10N30ny4nu4it12IS2s25Tl00 NG
6970 BestST: 14.0 83 9 #ST[s] OS[mm] i for cr2cm10N30ny4nu4it12IS2s25Tl00
6971 BestST: 18.3 97 19 #ST[s] OS[mm] i for cr2cm10N30ny4nu4it12IS2s25Tl00
6972 BestST: 17.2 4 3 #ST[s] OS[mm] i for cr10cm10N30ny4nu4it12IS2s25Tl00
6973 BestST: 48.4 24 64 #ST[s] OS[mm] i for cr10cm10N30ny4nu4it12IS2s25Tl00
6974 N2s=10;LAMBDA=0.01;umax=10 #good?
6975 BestOS+0.1ST: 22.1 0 12 #ST[s] OS[mm] i for cr2cm10N30ny4nu4it12IS2s25Tl00
6976 BestOS+0.1ST: 22.1 0 10 #ST[s] OS[mm] i for cr2cm10N30ny4nu4it12IS2s25Tl00
6977 BestOS+0.1ST: 39.1 0 9 #ST[s] OS[mm] i for cr10cm10N30ny4nu4it12IS2s25Tl00
6978 BestOS+0.1ST: 35.1 0 17 #ST[s] OS[mm] i for cr10cm10N30ny4nu4it12IS2s25Tl00
6979 BestST: 17.8 44 8 #ST[s] OS[mm] i for cr2cm10N30ny4nu4it12IS2s25Tl00
6980 BestST: 19.9 40 11 #ST[s] OS[mm] i for cr2cm10N30ny4nu4it12IS2s25Tl00
6981 BestST: 15.9 99 11 #ST[s] OS[mm] i for cr10cm10N30ny4nu4it12IS2s25Tl00
6982 BestST: 35.1 0 17 #ST[s] OS[mm] i for cr10cm10N30ny4nu4it12IS2s25Tl00
6983 N2s=11;LAMBDA=0.01;umax=10
6984 BestOS+0.1ST: 23.6 0 19 #ST[s] OS[mm] i for cr2cm10N30ny4nu4it12IS2s25Tl00
6985 BestOS+0.1ST: 22.2 0 10 #ST[s] OS[mm] i for cr2cm10N30ny4nu4it12IS2s25Tl00
6986 BestOS+0.1ST: 33.5 0 13 #ST[s] OS[mm] i for cr10cm10N30ny4nu4it12IS2s25Tl00
6987 BestOS+0.1ST: 46.5 0 14 #ST[s] OS[mm] i for cr10cm10N30ny4nu4it12IS2s25Tl00
6988 BestST: 18.1 24 13 #ST[s] OS[mm] i for cr2cm10N30ny4nu4it12IS2s25Tl00
6989 BestST: 20.2 89 7 #ST[s] OS[mm] i for cr2cm10N30ny4nu4it12IS2s25Tl00
6990 BestST: 23.0 9 8 #ST[s] OS[mm] i for cr10cm10N30ny4nu4it12IS2s25Tl00
6991 N2s=12;LAMBDA=0.01;umax=10 #good on average?
6992 BestOS+0.1ST: 27.1 0 14 #ST[s] OS[mm] i for cr2cm10N30ny4nu4it12IS2s25Tl00
6993 BestOS+0.1ST: 25.3 0 4 #ST[s] OS[mm] i for cr2cm10N30ny4nu4it12IS2s25Tl00
6994 BestOS+0.1ST: 30.7 14 #ST[s] OS[mm] i for cr10cm10N30ny4nu4it12IS2s25Tl00
6995 BestOS+0.1ST: 31.5 0 19 #ST[s] OS[mm] i for cr10cm10N30ny4nu4it12IS2s25Tl00
6996 BestST: 18.7 8 18 #ST[s] OS[mm] i for cr2cm10N30ny4nu4it12IS2s25Tl00
6997 BestST: 20.5 64 12 #ST[s] OS[mm] i for cr2cm10N30ny4nu4it12IS2s25Tl00
6998 BestST: 20.7 79 19 #ST[s] OS[mm] i for cr10cm10N30ny4nu4it12IS2s25Tl00
6999 BestST: 24.2 1 12 #ST[s] OS[mm] i for cr10cm10N30ny4nu4it12IS2s25Tl00
7000 BestST: 24.2 1 12 #ST[s] OS[mm] i for cr10cm10N30ny4nu4it12IS2s25Tl00
7001 N2s=13;LAMBDA=0.01;umax=10
7002 BestOS+0.1ST: 22.5 0 11 #ST[s] OS[mm] i for cr2cm10N30ny4nu4it12IS2s25Tl00
7003 BestOS+0.1ST: 33.8 0 18 #ST[s] OS[mm] i for cr2cm10N30ny4nu4it12IS2s25Tl00
7004 BestOS+0.1ST: 35.9 0 20 #ST[s] OS[mm] i for cr10cm10N30ny4nu4it12IS2s25Tl00
7005 BestOS+0.1ST: 41.4 0 11 #ST[s] OS[mm] i for cr10cm10N30ny4nu4it12IS2s25Tl00
7006 BestST: 18.3 81 10 #ST[s] OS[mm] i for cr2cm10N30ny4nu4it12IS2s25Tl00
7007 BestST: 21.6 99 11 #ST[s] OS[mm] i for cr2cm10N30ny4nu4it12IS2s25Tl00
7008 BestST: 24.1 32 3 #ST[s] OS[mm] i for cr10cm10N30ny4nu4it12IS2s25Tl00
7009 BestST: 23.4 2 12 #ST[s] OS[mm] i for cr10cm10N30ny4nu4it12IS2s25Tl00
7010 N2s=14;LAMBDA=0.01;umax=10
7011 BestOS+0.1ST: 27.9 0 13 #ST[s] OS[mm] i for cr2cm10N30ny4nu4it12IS2s25Tl00
7012 BestOS+0.1ST: 26.4 0 12 #ST[s] OS[mm] i for cr2cm10N30ny4nu4it12IS2s25Tl00
7013 BestOS+0.1ST: 36.5 0 5 #ST[s] OS[mm] i for cr10cm10N30ny4nu4it12IS2s25Tl00
7014 BestOS+0.1ST: 42.5 1 20 #ST[s] OS[mm] i for cr10cm10N30ny4nu4it12IS2s25Tl00
7015 BestST: 20.8 99 19 #ST[s] OS[mm] i for cr2cm10N30ny4nu4it12IS2s25Tl00
7016 BestST: 22.9 44 9 #ST[s] OS[mm] i for cr2cm10N30ny4nu4it12IS2s25Tl00
7017 BestST: 25.0 11 16 #ST[s] OS[mm] i for cr10cm10N30ny4nu4it12IS2s25Tl00
7018 BestST: 33.8 29 8 #ST[s] OS[mm] i for cr10cm10N30ny4nu4it12IS2s25Tl00
7019 N2s=15;LAMBDA=0.01;umax=10
7020 BestOS+0.1ST: 32.9 0 18 #ST[s] OS[mm] i for cr2cm10N30ny4nu4it12IS2s25Tl00
7021 BestOS+0.1ST: 31.0 0 10 #ST[s] OS[mm] i for cr2cm10N30ny4nu4it12IS2s25Tl00
7022 BestOS+0.1ST: 44.8 0 10 #ST[s] OS[mm] i for cr10cm10N30ny4nu4it12IS2s25Tl00
7023 BestOS+0.1ST: 47.5 0 4 #ST[s] OS[mm] i for cr10cm10N30ny4nu4it12IS2s25Tl00
7024 BestST: 23.9 50 9 #ST[s] OS[mm] i for cr2cm10N30ny4nu4it12IS2s25Tl00
7025 BestST: 21.0 69 17 #ST[s] OS[mm] i for cr2cm10N30ny4nu4it12IS2s25Tl00
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7026 BestST: 24.8 49 8 #ST[s] OS[mm] i for cr10cm10N30ny4nu4it12IS2s25Tl00
7027 BestST: 47.5 0 4 #ST[s] OS[mm] i for cr10cm10N30ny4nu4it12IS2s25Tl00
7028 umax=15;Ky=0.1;rc=0.5;fa="";IS=2; N2s=8;LAMBDA=0.01;
7029 BestOS+0.1ST: 14.2 0 5 #ST[s] OS[mm] i for cr2cm10N30ny4nu4it12IS2s25Tl00
7030 BestOS+0.1ST: 17.0 10 14 #ST[s] OS[mm] i for cr2cm10N30ny4nu4it12IS2s25Tl00
7031 BestOS+0.1ST: 23.7 7 14 #ST[s] OS[mm] i for cr10cm10N30ny4nu4it12IS2s25Tl00
7032 BestOS+0.1ST: 67.8 672 15 #ST[s] OS[mm] i for cr10cm10N30ny4nu4it12IS2s25Tl00
7033 BestST: 14.2 0 5 #ST[s] OS[mm] i for cr2cm10N30ny4nu4it12IS2s25Tl00
7034 BestST: 17.0 10 14 #ST[s] OS[mm] i for cr2cm10N30ny4nu4it12IS2s25Tl00
7035 BestST: 20.1 247 7 #ST[s] OS[mm] i for cr10cm10N30ny4nu4it12IS2s25Tl00
7036 BestST: 59.8 1010 9 #ST[s] OS[mm] i for cr10cm10N30ny4nu4it12IS2s25Tl00
7037 umax=15;Ky=0.1;rc=0.5;fa="";IS=2; N2s=9;LAMBDA=0.01;
7038 BestOS+0.1ST: 19.1 0 4 #ST[s] OS[mm] i for cr2cm10N30ny4nu4it12IS2s25Tl00
7039 BestOS+0.1ST: 16.8 0 13 #ST[s] OS[mm] i for cr2cm10N30ny4nu4it12IS2s25Tl00
7040 BestOS+0.1ST: 65.7 0 14 #ST[s] OS[mm] i for cr10cm10N30ny4nu4it12IS2s25Tl00
7041 BestOS+0.1ST: 30.0 0 20 #ST[s] OS[mm] i for cr10cm10N30ny4nu4it12IS2s25Tl00
7042 BestST: 17.1 10 18 #ST[s] OS[mm] i for cr2cm10N30ny4nu4it12IS2s25Tl00
7043 BestST: 15.6 34 3 #ST[s] OS[mm] i for cr2cm10N30ny4nu4it12IS2s25Tl00
7044 BestST: 21.2 24 16 #ST[s] OS[mm] i for cr10cm10N30ny4nu4it12IS2s25Tl00
7045 BestST: 30.0 0 20 #ST[s] OS[mm] i for cr10cm10N30ny4nu4it12IS2s25Tl00
7046 N=30;ny=4;nu=4;it=20;it1=2;r=5;umax=15;Ky=0.1;rc=0.5;fa="";IS=2; N2s=10;LAMBDA=0.01;
7047 BestOS+0.1ST: 18.5 0 10 #ST[s] OS[mm] i for cr2cm10N30ny4nu4it12IS2s25Tl00
7048 BestOS+0.1ST: 19.8 0 12 #ST[s] OS[mm] i for cr2cm10N30ny4nu4it12IS2s25Tl00
7049 BestOS+0.1ST: 29.8 1 13 #ST[s] OS[mm] i for cr10cm10N30ny4nu4it12IS2s25Tl00
7050 BestOS+0.1ST: 55.3 19 6 #ST[s] OS[mm] i for cr10cm10N30ny4nu4it12IS2s25Tl00
7051 BestST: 16.5 42 18 #ST[s] OS[mm] i for cr2cm10N30ny4nu4it12IS2s25Tl00
7052 BestST: 15.6 24 9 #ST[s] OS[mm] i for cr2cm10N30ny4nu4it12IS2s25Tl00
7053 BestST: 18.1 15 7 #ST[s] OS[mm] i for cr10cm10N30ny4nu4it12IS2s25Tl00
7054 BestST: 43.0 1033 12 #ST[s] OS[mm] i for cr10cm10N30ny4nu4it12IS2s25Tl00
7055 umax=15;Ky=0.1;rc=0.5;fa="";IS=2; N2s=11;LAMBDA=0.01; #OK
7056 BestOS+0.1ST: 14.8 0 10 #ST[s] OS[mm] i for cr2cm10N30ny4nu4it12IS2s25Tl00
7057 BestOS+0.1ST: 22.4 0 5 #ST[s] OS[mm] i for cr2cm10N30ny4nu4it12IS2s25Tl00
7058 BestOS+0.1ST: 37.7 2 16 #ST[s] OS[mm] i for cr10cm10N30ny4nu4it12IS2s25Tl00
7059 BestOS+0.1ST: 37.2 0 6 #ST[s] OS[mm] i for cr10cm10N30ny4nu4it12IS2s25Tl00
7060 BestST: 14.8 0 10 #ST[s] OS[mm] i for cr2cm10N30ny4nu4it12IS2s25Tl00
7061 BestST: 17 3 47 8 #ST[s] OS[mm] i for cr2cm10N30ny4nu4it12IS2s25Tl00
7062 BestST: 19.8 146 4 #ST[s] OS[mm] i for cr10cm10N30ny4nu4it12IS2s25Tl00
7063 BestST: 36.5 64 20 #ST[s] OS[mm] i for cr10cm10N30ny4nu4it12IS2s25Tl00
7064 N=30;ny=5;nu=5;it=20;it1=2;r=5;umax=15;Ky=0.1;rc=0.5;fa="";IS=2; N2s=11;LAMBDA=0.01
7065 BestOS+0.1ST: 24.6 0 10 #ST[s] OS[mm] i for cr2cm10N30ny5nu5it12IS2s25Tl00
7066 BestOS+0.1ST: 45.1 7 19 #ST[s] OS[mm] i for cr2cm10N30ny5nu5it12IS2s25Tl00
7067 BestOS+0.1ST: 38.3 0 10 #ST[s] OS[mm] i for cr10cm10N30ny5nu5it12IS2s25Tl00
7068 BestOS+0.1ST: 33.8 0 5 #ST[s] OS[mm] i for cr10cm10N30ny5nu5it12IS2s25Tl00
7069 BestST: 16.7 54 4 #ST[s] OS[mm] i for cr2cm10N30ny5nu5it12IS2s25Tl00
7070 BestST: 18.9 59 14 #ST[s] OS[mm] i for cr2cm10N30ny5nu5it12IS2s25Tl00
7071 BestST: 20.2 199 4 #ST[s] OS[mm] i for cr10cm10N30ny5nu5it12IS2s25Tl00
7072 BestST: 30.5 10 16 #ST[s] OS[mm] i for cr10cm10N30ny5nu5it12IS2s25Tl00
7073 N=30;ny=6;nu=6;it=20;it1=2;r=5;umax=15;Ky=0.1;rc=0.5;fa="";IS=2; N2s=11;LAMBDA=0.01; NG
7074 BestOS+0.1ST: 23.4 12 11 #ST[s] OS[mm] i for cr2cm10N30ny6nu6it12IS2s25Tl00
7075 BestOS+0.1ST: 55.6 6 15 #ST[s] OS[mm] i for cr2cm10N30ny6nu6it12IS2s25Tl00
7076 BestOS+0.1ST: 38.6 2 15 #ST[s] OS[mm] i for cr10cm10N30ny6nu6it12IS2s25Tl00
7077 BestOS+0.1ST: 46.0 0 16 #ST[s] OS[mm] i for cr10cm10N30ny6nu6it12IS2s25Tl00
7078 BestST: 17.7 81 4 #ST[s] OS[mm] i for cr2cm10N30ny6nu6it12IS2s25Tl00
7079 BestST: 19.5 52 10 #ST[s] OS[mm] i for cr2cm10N30ny6nu6it12IS2s25Tl00
7080 BestST: 19.7 87 4 #ST[s] OS[mm] i for cr10cm10N30ny6nu6it12IS2s25Tl00
7081 BestST: 15.8 96 3 #ST[s] OS[mm] i for cr10cm10N30ny6nu6it12IS2s25Tl00
7082
7083 umax=15;Ky=0.1;rc=0.5;fa="";IS=2; N2s=13;LAMBDA=0.01;
7084 BestOS+0.1ST: 26.9 0 5 #ST[s] OS[mm] i for cr2cm10N30ny4nu4it12IS2s25Tl00
7085 BestOS+0.1ST: 43.4 0 14 #ST[s] OS[mm] i for cr2cm10N30ny4nu4it12IS2s25Tl00
7086 BestOS+0.1ST: 43.2 1 18 #ST[s] OS[mm] i for cr10cm10N30ny4nu4it12IS2s25Tl00
7087 BestOS+0.1ST: 37.8 0 8 #ST[s] OS[mm] i for cr10cm10N30ny4nu4it12IS2s25Tl00
7088 BestST: 21.0 77 16 #ST[s] OS[mm] i for cr2cm10N30ny4nu4it12IS2s25Tl00
7089 BestST: 18.9 29 6 #ST[s] OS[mm] i for cr2cm10N30ny4nu4it12IS2s25Tl00
7090 BestST: 29.8 26 20 #ST[s] OS[mm] i for cr10cm10N30ny4nu4it12IS2s25Tl00
7091 BestST: 29.2 226 18 #ST[s] OS[mm] i for cr10cm10N30ny4nu4it12IS2s25Tl00
7092 umax=15;Ky=0.1;rc=0.5;fa="";IS=2; N2s=15;LAMBDA=0.01;
7093 BestOS+0.1ST: 27.6 0 8 #ST[s] OS[mm] i for cr2cm10N30ny4nu4it12IS2s25Tl00
7094 BestOS+0.1ST: 23.2 0 3 #ST[s] OS[mm] i for cr2cm10N30ny4nu4it12IS2s25Tl00
7095 BestOS+0.1ST: 49.1 0 15 #ST[s] OS[mm] i for cr10cm10N30ny4nu4it12IS2s25Tl00
7096 BestOS+0.1ST: 29.2 0 11 #ST[s] OS[mm] i for cr10cm10N30ny4nu4it12IS2s25Tl00
7097 BestST: 15.5 56 7 #ST[s] OS[mm] i for cr2cm10N30ny4nu4it12IS2s25Tl00
7098 BestST: 19.8 52 2 #ST[s] OS[mm] i for cr2cm10N30ny4nu4it12IS2s25Tl00
7099 BestST: 19.4 102 10 #ST[s] OS[mm] i for cr10cm10N30ny4nu4it12IS2s25Tl00
7100 BestST: 27 1 150 8 #ST[s] OS[mm] i for cr10cm10N30ny4nu4it12IS2s25Tl00
7101 umax=15;Ky=0.1;rc=0.5;fa="";IS=2; N2s=17;LAMBDA=0.01;
7102 BestOS+0.1ST: 32.0 0 14 #ST[s] OS[mm] i for cr2cm10N30ny4nu4it12IS2s25Tl00
7103 BestOS+0.1ST: 38.4 0 9 #ST[s] OS[mm] i for cr2cm10N30ny4nu4it12IS2s25Tl00
7104 BestOS+0.1ST: 42.0 0 20 #ST[s] OS[mm] i for cr10cm10N30ny4nu4it12IS2s25Tl00
7105 BestOS+0.1ST: 38.3 0 19 #ST[s] OS[mm] i for cr10cm10N30ny4nu4it12IS2s25Tl00
7106 BestST: 23.8 44 4 #ST[s] OS[mm] i for cr2cm10N30ny4nu4it12IS2s25Tl00
7107
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7108 BestST: 22.2 60 12 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2s5Tl00
7109 BestST: 22.9 22 16 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2s5Tl00
7110 BestST: 38.3 0 19 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2s5Tl00
7111 unmax=15;ky=0.1;cc=0.5;fa="";jsst="";IS=2; N2s=19;LAMBDA=0.01;
7112 BestOS+0.1ST: 34.5 0 15 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2s5Tl00
7113 BestOS+0.1ST: 37.4 0 12 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2s5Tl00
7114 BestOS+0.1ST: 37.4 0 12 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2s5Tl00
7115 BestOS+0.1ST: 60.2 0 10 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2s5Tl00
7116 BestST: 24.1 15 12 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2s5Tl00
7117 BestST: 29.1 38 16 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2s5Tl00
7118 BestST: 24.0 2 12 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2s5Tl00
7119 BestST: 60.2 0 10 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2s5Tl00
7120 unmax=15;ky=0.1;cc=0.5;fa="";jsst="";IS=2; N2s=21;LAMBDA=0.01;
7121 BestOS+0.1ST: 20.6 0 17 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2s5Tl00
7122 BestOS+0.1ST: 25.6 0 7 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2s5Tl00
7123 BestOS+0.1ST: 64.8 0 14 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2s5Tl00
7124 BestOS+0.1ST: 81.8 0 11 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2s5Tl00
7125 BestST: 20.6 0 17 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2s5Tl00
7126 BestST: 25.6 0 7 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2s5Tl00
7127 BestST: 45.0 370 2 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2s5Tl00
7128 BestST: 59.7 21 7 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2s5Tl00
7129
7130 unmax=20;N2s=8;LAMBDA=0.008;
7131 BestOS+0.1ST: 13.0 0 11 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2s5Tl00
7132 BestOS+0.1ST: 14.5 0 8 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2s5Tl00
7133 BestOS+0.1ST: 28.3 27 13 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2s5Tl00 NG
7134 BestOS+0.1ST: 26.2 105 18 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2s5Tl00 NG
7135 unmax=20;N2s=8;LAMBDA=0.009;
7136 BestOS+0.1ST: 13.6 0 17 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2s5Tl00
7137 BestOS+0.1ST: 23.2 10 20 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2s5Tl00
7138 BestOS+0.1ST: 30.2 18 12 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2s5Tl00
7139 BestOS+0.1ST: head: '0' を 読み込みに用いて オープンできません: No such file or directory
7140 unmax=20;N2s=8;LAMBDA=0.01;
7141 BestOS+0.1ST: 16.7 0 6 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2s5Tl00
7142 BestOS+0.1ST: 23.5 0 13 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2s5Tl00
7143 BestOS+0.1ST: 27.1 6 15 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2s5Tl00
7144 BestOS+0.1ST: 23.5 68 10 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2s5Tl00 NG
7145 unmax=20;N2s=8;LAMBDA=0.015;
7146 BestOS+0.1ST: 20.2 0 15 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2s5Tl00
7147 BestOS+0.1ST: 17.4 9 5 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2s5Tl00
7148 BestOS+0.1ST: 29.7 27 18 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2s5Tl00 NG
7149 BestOS+0.1ST: 88.5 2120 17 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2s5Tl00 NG
7150 unmax=20;N2s=8;LAMBDA=0.02;
7151 BestOS+0.1ST: 20.9 0 11 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2s5Tl00
7152 BestOS+0.1ST: 30.2 142 17 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2s5Tl00
7153 BestOS+0.1ST: 34.3 26 7 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2s5Tl00
7154 BestOS+0.1ST: head: '0' を 読み込みに用いて オープンできません: No such file or directory
7155
7156 #unmax=20;N2s=9;LAMBDA=0.008;
7157 BestOS+0.1ST: 21.2 0 9 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2s5Tl00
7158 BestOS+0.1ST: 16.4 0 7 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2s5Tl00
7159 BestOS+0.1ST: 22.9 17 7 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2s5Tl00 NG
7160 BestOS+0.1ST: 41.6 0 4 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2s5Tl00
7161
7162 #unmax=20;N2s=9;LAMBDA=0.01;#best?
7163 BestOS+0.1ST: 17.5 0 19 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2s5Tl00 GOOD fastest? competitive?
7164 BestOS+0.1ST: 18.8 0 7 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2s5Tl00
7165 BestOS+0.1ST: 34.5 2 12 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2s5Tl00 smallest overshoot?
7166 BestOS+0.1ST: 39.9 0 17 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2s5Tl00
7167 BestST: 14.2 9 4 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2s5Tl00
7168 BestST: 15.1 55 18 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2s5Tl00
7169 BestST: 22.0 79 19 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2s5Tl00 NG?
7170 BestST: 26.0 27 12 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2s5Tl00
7171 #
7172 #unmax=20;N2s=9;LAMBDA=0.02;
7173 BestOS+0.1ST: 18.8 0 4 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2s5Tl00
7174 BestOS+0.1ST: 14.7 17 11 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2s5Tl00 NG?
7175 BestOS+0.1ST: 35.2 5 14 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2s5Tl00
7176 BestOS+0.1ST: 61.0 3 15 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2s5Tl00
7177
7178 #unmax=20;N2s=10;LAMBDA=0.008;
7179 BestOS+0.1ST: 19.5 0 18 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2s5Tl00
7180 BestOS+0.1ST: 16.2 0 7 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2s5Tl00
7181 BestOS+0.1ST: 48.2 6 20 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2s5Tl00
7182 BestOS+0.1ST: 37.7 0 12 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2s5Tl00
7183 BestST: 29.0 12 13 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2s5Tl00
7184 BestST: 14.6 43 19 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2s5Tl00
7185 BestST: 17.8 63 14 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2s5Tl00
7186 BestST: 17.8 63 14 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2s5Tl00
7187 #unmax=20;N2s=10;LAMBDA=0.01;#OK
7188 BestOS+0.1ST: 18.1 0 7 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2s5Tl00 OK
7189 BestOS+0.1ST: 26.3 0 7 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2s5Tl00
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7190 BestOS+0.1ST: 35.6 5 19 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2s5Tl00 smallest overshoot?
7191 BestOS+0.1ST: 39.8 0 6 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2s5Tl00
7192 BestST: 14.7 7 20 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2s5Tl00
7193 BestST: 15.1 97 11 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2s5Tl00 NG
7194 BestST: 16.6 53 3 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2s5Tl00 NG
7195 BestST: 27.9 17 13 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2s5Tl00 NG
7196 #unmax=20;N2s=10;LAMBDA=0.02;
7197 BestOS+0.1ST: 17.4 0 11 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2s5Tl00
7198 BestOS+0.1ST: 23.4 0 12 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2s5Tl00
7199 BestOS+0.1ST: 46.6 2 16 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2s5Tl00
7200 BestOS+0.1ST: 56.6 0 11 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2s5Tl00 slow?
7201 BestST: 16.0 72 3 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2s5Tl00
7202 BestST: 19.1 257 20 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2s5Tl00
7203 BestST: 21.7 73 20 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2s5Tl00
7204 BestST: 29.5 5 15 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2s5Tl00
7205 #unmax=20;N2s=10;LAMBDA=0.03;
7206 BestOS+0.1ST: 17.7 0 7 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2s5Tl00
7207 BestOS+0.1ST: 26.0 0 16 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2s5Tl00
7208 BestOS+0.1ST: 48.5 12 14 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2s5Tl00 NG
7209 BestOS+0.1ST: 31.1 66 4 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2s5Tl00 NG
7210 BestST: 12.3 52 15 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2s5Tl00
7211 BestST: 26.0 0 16 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2s5Tl00
7212 BestST: 26.2 161 19 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2s5Tl00 NG
7213 BestST: 31.1 66 4 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2s5Tl00 NG
7214 #unmax=20;N2s=10;LAMBDA=0.05;
7215 BestOS+0.1ST: 37.9 0 12 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2s5Tl00
7216 BestOS+0.1ST: 27.8 74 20 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2s5Tl00
7217 BestOS+0.1ST: 66.4 25 17 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2s5Tl00
7218 BestOS+0.1ST: 65.8 4389 8 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2s5Tl00
7219 BestST: 12.0 81 4 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2s5Tl00
7220 BestST: 27.8 74 20 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2s5Tl00
7221 BestST: 31.1 403 12 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2s5Tl00
7222 BestST: 65.8 4389 8 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2s5Tl00
7223
7224 unmax=20;N2s=12;LAMBDA=0.008;
7225 BestOS+0.1ST: 23.8 0 12 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2s5Tl00
7226 BestOS+0.1ST: 29.8 0 10 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2s5Tl00
7227 BestOS+0.1ST: 72.9 15 13 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2s5Tl00 NG
7228 BestOS+0.1ST: 21.3 0 20 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2s5Tl00
7229 #unmax=20;N2s=12;LAMBDA=0.01;
7230 BestOS+0.1ST: 23.9 0 09 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2s5Tl00 OK but slow
7231 BestOS+0.1ST: 34.5 0 09 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2s5Tl00
7232 BestOS+0.1ST: 40.5 3 12 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2s5Tl00OK
7233 BestOS+0.1ST: 43.4 0 07 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2s5Tl00
7234 unmax=20;N2s=12;LAMBDA=0.02;
7235 BestOS+0.1ST: 25.8 0 15 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2s5Tl00
7236 BestOS+0.1ST: 24.5 0 14 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2s5Tl00
7237 BestOS+0.1ST: 62.6 0 16 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2s5Tl00
7238 BestOS+0.1ST: 46.3 9 11 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2s5Tl00
7239 #unmax=20;N2s=12;LAMBDA=0.03;
7240 BestOS+0.1ST: 21.6 1 4 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2s5Tl00
7241 BestOS+0.1ST: 26.1 0 10 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2s5Tl00
7242 BestOS+0.1ST: 45.4 5 8 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2s5Tl00
7243 BestOS+0.1ST: 46.0 0 13 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2s5Tl00
7244 #unmax=20;N2s=12;LAMBDA=0.04;
7245 BestOS+0.1ST: 18.8 0 4 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2s5Tl00
7246 BestOS+0.1ST: 23.0 0 12 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2s5Tl00
7247 BestOS+0.1ST: 37.6 4 7 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2s5Tl00
7248 BestOS+0.1ST: 52.2 220 18 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2s5Tl00 NG
7249 N2s=13;LAMBDA=0.01;#unmax=20;
7250 BestOS+0.1ST: 23.8 0 6 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2s5Tl00
7251 BestOS+0.1ST: 28.0 0 15 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2s5Tl00
7252 BestOS+0.1ST: 30.5 1 12 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2s5Tl00
7253 BestOS+0.1ST: 57.5 344 8 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2s5Tl00 NG
7254 BestST: 19.4 48 4 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2s5Tl00
7255 BestST: 18.1 91 14 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2s5Tl00
7256 BestST: 24.2 63 5 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2s5Tl00
7257 BestST: 23.7 773 19 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2s5Tl00
7258
7259 #####
7260 #####
7261 20110730 for New challenge long rope r=10
7262 #####
7263 ##(1) if文をコメントアウトして、osが小さいtを求め、そのtを設定してif文を生かしてnetファイルの作成
cd prog;
mkdir ../result; ln -s ../result .
N=30;ny=4;nu=4;it=20;iti=2;r=5;unmax=20;ky=0.1;cc=0.5;fa="";set="";IS=2; N2s=10;LAMBDA=0.01;://ICONIP2
for N in 30; do
f0=apc-crane.c;f1=apc-crane_bak.c;cp $f0 $f1;
268 sed -e s/"AP_ny "/"AP_ny ${ny}"/\// -e s/"AP_nu "/"AP_nu ${nu}"/\// -e s/"AP_IS ${IS}"/\//
"/ $f1 > $f0
```

作成

```
7270 make;
7271 d=N$(N)ny$(ny)nu$(nu)it$(it)Ies$(is);
7272 dat=result/$dirif [-d $dst] ; then echo $dst ; else mkdir $dst & fi
7273 for cr in 2 10; do for cm in 10 100; do
7274 cat /dev/null>listSS.dat;
7275 echo "##### Executing for ${dst}/${cm$[cm]}cr${cr}"
7276 time umount_crane2 it:${it} & it1 r:$r cr:$cr cm:$cm c:$c umax:$umax tt:100 kxt:1 method:1:$N DISP
:0 listSS:1 T:100
7277 cat listSS.dat
7278 f=${dst}/${cm$[cm]}cr${cr}.net;cp can2b.net $fi; echo "##### Done: cp can2b.net $fi;fa=${fa};$f
7279 echo -n "BestOS+0.1ST: 23.6 0 10 #ST[s] OS[mm] i for cr2cm100N30ny3nu3it12IS2r5T100NG
mvi=${$3+1}} END [printf "head & listSS.dat" -i]]';$cmd | tail -1
7280 #echo -n "Best OS+0.1ST:~$fi:~$fi:">cmd>cat listSS.dat awk 'BEGIN {vme=le9} {if($2>0) {(v=$3+$2*0.1; if(v
<v) {vme=v;is$1+1}} END [printf "head & listSS.dat" -i]]';$cmd | tail -1
7281 done ; done
7282 done
7283 //GLOBAL WORD AP_N2=11/AP_TSL; // soso for only ny4nu4
7284 BestOS+0.1ST: 21.5 0 07 #ST[s] OS[mm] i for cr2cm100N30ny3nu3it12IS2r5T100
7285 BestOS+0.1ST: 29.9 1 12 #ST[s] OS[mm] i for cr2cm100N30ny3nu3it12IS2r5T100
7286 BestOS+0.1ST: 41.3 0 12 #ST[s] OS[mm] i for cr10cm100N30ny3nu3it12IS2r5T100
7287 BestOS+0.1ST: 99.1 1445 03 #ST[s] OS[mm] i for cr10cm100N30ny3nu3it12IS2r5T100 NG
7288 //GLOBAL WORD AP_N2=11/AP_TSL; //
7289 BestOS+0.1ST: 21.6 0 13 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2r5T100 SoSo competitive ?
7290 BestOS+0.1ST: 23.6 0 10 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2r5T100
7291 BestOS+0.1ST: 23.8 3 05 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2r5T100
7292 BestOS+0.1ST: 54.2 0 19 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2r5T100 slow?
7293 //GLOBAL WORD AP_N2=11/AP_TSL; // soso
7294 BestOS+0.1ST: 24.1 0 08 #ST[s] OS[mm] i for cr2cm100N30ny5nu5it12IS2r5T100 competitive?
7295 BestOS+0.1ST: 22.9 2 05 #ST[s] OS[mm] i for cr2cm100N30ny5nu5it12IS2r5T100
7296 BestOS+0.1ST: 28.2 8 10 #ST[s] OS[mm] i for cr10cm100N30ny5nu5it12IS2r5T100
7297 BestOS+0.1ST: 34.1 0 19 #ST[s] OS[mm] i for cr10cm100N30ny5nu5it12IS2r5T100
7298 //GLOBAL WORD AP_N2=9/AP_TSL; // good for only ny4nu4
7299 BestOS+0.1ST: 19.9 0 17 #ST[s] OS[mm] i for cr2cm100N30ny3nu3it12IS2r5T100
7300 BestOS+0.1ST: 45.3 47 15 #ST[s] OS[mm] i for cr2cm100N30ny3nu3it12IS2r5T100 NG
7301 BestOS+0.1ST: 30.6 7 08 #ST[s] OS[mm] i for cr2cm100N30ny3nu3it12IS2r5T100
7302 BestOS+0.1ST: 72.3 139 05 #ST[s] OS[mm] i for cr10cm100N30ny3nu3it12IS2r5T100 NG
7303 //GLOBAL WORD AP_N2=9/AP_TSL; //
7304 BestOS+0.1ST: 17.5 0 19 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2r5T100 GOOD fastest? competitive?
7305 BestOS+0.1ST: 18.8 0 07 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2r5T100
7306 BestOS+0.1ST: 34.5 12 12 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2r5T100
7307 BestOS+0.1ST: 39.9 10 17 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2r5T100
7308 //GLOBAL WORD AP_N2=9/AP_TSL; // soso
7309 BestOS+0.1ST: 19.7 0 13 #ST[s] OS[mm] i for cr2cm100N30ny5nu5it12IS2r5T100
7310 BestOS+0.1ST: 47.3 9 01 #ST[s] OS[mm] i for cr2cm100N30ny5nu5it12IS2r5T100
7311 BestOS+0.1ST: 23.6 22 10 #ST[s] OS[mm] i for cr10cm100N30ny5nu5it12IS2r5T100 NG
7312 BestOS+0.1ST: 23.0 1 06 #ST[s] OS[mm] i for cr10cm100N30ny5nu5it12IS2r5T100
7313 //GLOBAL WORD AP_N2=12/AP_TSL; // soso
7314 BestOS+0.1ST: 23.6 0 11 #ST[s] OS[mm] i for cr2cm100N30ny3nu3it12IS2r5T100
7315 BestOS+0.1ST: 27.8 0 16 #ST[s] OS[mm] i for cr2cm100N30ny3nu3it12IS2r5T100
7316 BestOS+0.1ST: 34.5 1 17 #ST[s] OS[mm] i for cr10cm100N30ny3nu3it12IS2r5T100
7317 BestOS+0.1ST: 96.2 0 19 #ST[s] OS[mm] i for cr10cm100N30ny3nu3it12IS2r5T100 Too slow
7318 //GLOBAL WORD AP_N2=12/AP_TSL; //
7319 BestOS+0.1ST: 23.9 0 09 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2r5T100 OK but slow
7320 BestOS+0.1ST: 34.5 0 09 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2r5T100
7321 BestOS+0.1ST: 19.0 0 18 #ST[s] OS[mm] i for cr2cm100N30ny5nu5it12IS2r5T100 OK?
7322 BestOS+0.1ST: 28.5 0 13 #ST[s] OS[mm] i for cr2cm100N30ny5nu5it12IS2r5T100
7323 BestOS+0.1ST: 40.5 3 12 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2r5T100OK
7324 BestOS+0.1ST: 43.4 0 07 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2r5T100
7325 BestOS+0.1ST: 20.9 0 02 #ST[s] OS[mm] i for cr2cm100N30ny5nu5it12IS2r5T100 OK?
7326 BestOS+0.1ST: 19.0 0 18 #ST[s] OS[mm] i for cr2cm100N30ny5nu5it12IS2r5T100
7327 BestOS+0.1ST: 28.5 0 13 #ST[s] OS[mm] i for cr10cm100N30ny5nu5it12IS2r5T100OK
7328 BestOS+0.1ST: 34.6 0 04 #ST[s] OS[mm] i for cr10cm100N30ny5nu5it12IS2r5T100
7329 BestOS+0.1ST: 31.8 2 17 #ST[s] OS[mm] i for cr10cm100N30ny3nu3it12IS2r10T100NG
7330 BestOS+0.1ST: 31.8 1 14 #ST[s] OS[mm] i for cr10cm100N30ny3nu3it12IS2r10T100
7331 BestOS+0.1ST: 26.0 0 10 #ST[s] OS[mm] i for cr10cm100N30ny3nu3it12IS2r10T100
7332 BestOS+0.1ST: 31.8 2 10 #ST[s] OS[mm] i for cr2cm100N30ny6nu6it12IS2r5T100
7333 BestOS+0.1ST: 28.3 14 18 #ST[s] OS[mm] i for cr10cm100N30ny6nu6it12IS2r5T100NG
7334 BestOS+0.1ST: 33.6 0 15 #ST[s] OS[mm] i for cr10cm100N30ny6nu6it12IS2r5T100
7335 #r10
7336 BestOS+0.1ST: 26.4 0 18 #ST[s] OS[mm] i for cr2cm100N10ny3nu3it12IS2r10T100
7337 BestOS+0.1ST: 42.5 0 17 #ST[s] OS[mm] i for cr2cm100N10ny3nu3it12IS2r10T100
7338 BestOS+0.1ST: 31.8 1 14 #ST[s] OS[mm] i for cr10cm100N10ny3nu3it12IS2r10T100
7339 BestOS+0.1ST: 99.8 1010 06 #ST[s] OS[mm] i for cr10cm100N10ny3nu3it12IS2r10T100NG
7340 BestOS+0.1ST: 26.0 0 10 #ST[s] OS[mm] i for cr2cm100N20ny3nu3it12IS2r10T100
7341 BestOS+0.1ST: 26.0 0 13 #ST[s] OS[mm] i for cr2cm100N20ny3nu3it12IS2r10T100
7342 BestOS+0.1ST: 96.4 71 18 #ST[s] OS[mm] i for cr2cm100N20ny3nu3it12IS2r10T100NG
7343 BestOS+0.1ST: 28.0 2 17 #ST[s] OS[mm] i for cr10cm100N20ny3nu3it12IS2r10T100
7344 BestOS+0.1ST: 36.4 2 06 #ST[s] OS[mm] i for cr10cm100N20ny3nu3it12IS2r10T100
7345 BestOS+0.1ST: 35.2 0 12 #ST[s] OS[mm] i for cr2cm100N30ny3nu3it12IS2r10T100
7346 BestOS+0.1ST: 29.3 0 09 #ST[s] OS[mm] i for cr2cm100N30ny3nu3it12IS2r10T100
7347 BestOS+0.1ST: 29.3 0 09 #ST[s] OS[mm] i for cr2cm100N30ny3nu3it12IS2r10T100
7348 BestOS+0.1ST: 29.3 0 09 #ST[s] OS[mm] i for cr2cm100N30ny3nu3it12IS2r10T100
```

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7349 BestOS+0.1ST: 40.3 1 13 #ST[s] OS[mm] i for cr10cm100N30ny3nu3it12IS2r10T100
7350 BestOS+0.1ST: 99.4 1786 01 #ST[s] OS[mm] i for cr10cm100N30ny3nu3it12IS2r10T100 NG
7351 BestOS+0.1ST: 99.5 7057 08 #ST[s] OS[mm] i for cr10cm100N25ny3nu3it12IS2r10T100
7352
7353 BestOS+0.1ST: 26.7 0 14 cr2cm100N30ny4nu4it12IS2r10T100 #ST[s],OS[mm],it OK?
7354 BestOS+0.1ST: 31.0 0 05 cr2cm100N30ny4nu4it12IS2r10T100 #ST[s],OS[mm],it
7355 BestOS+0.1ST: 23.4 4 14 cr10cm100N30ny4nu4it12IS2r10T100 #ST[s],OS[mm],it
7356 BestOS+0.1ST: 36.5 0 10 cr10cm100N30ny4nu4it12IS2r10T100 #ST[s],OS[mm],it
7357
7358 BestOS+0.1ST: 26.6 0 08 #ST[s] OS[mm] i for cr2cm100N30ny5nu5it12IS2r10T100 OK?
7359 BestOS+0.1ST: 24.4 1 20 #ST[s] OS[mm] i for cr2cm100N30ny5nu5it12IS2r10T100
7360 BestOS+0.1ST: 35.6 4 17 #ST[s] OS[mm] i for cr10cm100N30ny5nu5it12IS2r10T100
7361 BestOS+0.1ST: 36.2 0 10 #ST[s] OS[mm] i for cr10cm100N30ny5nu5it12IS2r10T100
7362
7363 BestOS+0.1ST: 37.0 8 05 #ST[s] OS[mm] i for cr2cm100N30ny6nu6it12IS2r10T100
7364 BestOS+0.1ST: 24.2 53 14 #ST[s] OS[mm] i for cr2cm100N30ny6nu6it12IS2r10T100NG
7365 BestOS+0.1ST: 50.9 1 13 #ST[s] OS[mm] i for cr10cm100N30ny6nu6it12IS2r10T100
7366 BestOS+0.1ST: 30.3 0 10 #ST[s] OS[mm] i for cr10cm100N30ny6nu6it12IS2r10T100
7367
7368 BestOS+0.1ST: 28.2 7 17 #ST[s] OS[mm] i for cr2cm100N30ny7nu7it12IS2r10T100
7369 BestOS+0.1ST: 28.3 124 08 #ST[s] OS[mm] i for cr2cm100N30ny7nu7it12IS2r10T100NG
7370 BestOS+0.1ST: 31.4 12 03 #ST[s] OS[mm] i for cr10cm100N30ny7nu7it12IS2r10T100
7371 BestOS+0.1ST: 40.2 1 10 #ST[s] OS[mm] i for cr10cm100N30ny7nu7it12IS2r10T100
7372
7373 BestOS+0.1ST: 27.6 2 11 #ST[s] OS[mm] i for cr2cm100N35ny6nu6it12IS2r10T100OK?
7374 BestOS+0.1ST: 45.5 0 06 #ST[s] OS[mm] i for cr2cm100N35ny6nu6it12IS2r10T100
7375 BestOS+0.1ST: 47.6 4 19 #ST[s] OS[mm] i for cr10cm100N35ny6nu6it12IS2r10T100
7376 BestOS+0.1ST: 56.8 0 15 #ST[s] OS[mm] i for cr10cm100N35ny6nu6it12IS2r10T100
7377
7378 BestOS+0.1ST: 34.8 16 20 #ST[s] OS[mm] i for cr2cm100N35ny7nu7it12IS2r10T100NG
7379 BestOS+0.1ST: 27.4 1 05 #ST[s] OS[mm] i for cr2cm100N35ny7nu7it12IS2r10T100
7380 BestOS+0.1ST: 31.2 3 10 #ST[s] OS[mm] i for cr10cm100N35ny7nu7it12IS2r10T100
7381 BestOS+0.1ST: 30.1 1 14 #ST[s] OS[mm] i for cr10cm100N35ny7nu7it12IS2r10T100
7382
7383 #r5
7384 BestOS+0.1ST: 23.6 0 12 #ST[s] OS[mm] i for cr2cm100N30ny3nu3it12IS2r5T100
7385 BestOS+0.1ST: 29.1 0 10 #ST[s] OS[mm] i for cr2cm100N30ny3nu3it12IS2r5T100
7386 BestOS+0.1ST: 24.2 9 18 #ST[s] OS[mm] i for cr10cm100N30ny3nu3it12IS2r5T100
7387 BestOS+0.1ST: 53.6 143 05 #ST[s] OS[mm] i for cr10cm100N30ny3nu3it12IS2r5T100 NG
7388
7389 BestOS+0.1ST: 18.1 0 07 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2r5T100 OK
7390 BestOS+0.1ST: 26.3 0 07 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2r5T100
7391 BestOS+0.1ST: 35.6 5 19 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2r5T100
7392 BestOS+0.1ST: 39.8 0 06 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2r5T100
7393
7394 BestOS+0.1ST: 16.2 0 11 #ST[s] OS[mm] i for cr2cm100N30ny5nu5it12IS2r5T100 SoSo fastest? competitive
7395 BestOS+0.1ST: 19.1 0 11 #ST[s] OS[mm] i for cr2cm100N30ny5nu5it12IS2r5T100
7396 BestOS+0.1ST: 33.0 9 05 #ST[s] OS[mm] i for cr10cm100N30ny5nu5it12IS2r5T100
7397 BestOS+0.1ST: 40.6 0 18 #ST[s] OS[mm] i for cr10cm100N30ny5nu5it12IS2r5T100
7398
7399 BestOS+0.1ST: 20.1 6 11 #ST[s] OS[mm] i for cr2cm100N30ny6nu6it12IS2r5T100
7400 BestOS+0.1ST: 27.8 4 12 #ST[s] OS[mm] i for cr2cm100N30ny6nu6it12IS2r5T100
7401 BestOS+0.1ST: 41.4 18 11 #ST[s] OS[mm] i for cr10cm100N30ny6nu6it12IS2r5T100NG
7402 BestOS+0.1ST: 25.9 0 13 #ST[s] OS[mm] i for cr10cm100N30ny6nu6it12IS2r5T100
7403
7404 BestOS+0.1ST: 26.9 0 14 #ST[s] OS[mm] i for cr2cm100N30ny7nu7it12IS2r5T100
7405 BestOS+0.1ST: 22.4 22 10 #ST[s] OS[mm] i for cr2cm100N30ny7nu7it12IS2r5T100NG
7406 BestOS+0.1ST: 22.3 39 06 #ST[s] OS[mm] i for cr10cm100N30ny7nu7it12IS2r5T100NG
7407 BestOS+0.1ST: 26.8 3 04 #ST[s] OS[mm] i for cr10cm100N30ny7nu7it12IS2r5T100
7408
7409 #####
7410 #####
7411 #####
7412 #####
7413 #####
7414 BestOS+0.1ST: 20.7 0 06 #ST[s] OS[mm] i for cr2cm100N30ny3nu3it12IS2r10T100
7415 BestOS+0.1ST: 69.6 687 09 #ST[s] OS[mm] i for cr2cm100N30ny3nu3it12IS2r10T100 NG
7416 BestOS+0.1ST: 28.3 1 06 #ST[s] OS[mm] i for cr10cm100N30ny3nu3it12IS2r10T100
7417 BestOS+0.1ST: 98.5 511 01 #ST[s] OS[mm] i for cr10cm100N30ny3nu3it12IS2r10T100
7418
7419 BestOS+0.1ST: 26.7 0 14 cr2cm100N30ny4nu4it12IS2r10T100 #ST[s],OS[mm],it OK?
7420 BestOS+0.1ST: 31.0 0 05 cr2cm100N30ny4nu4it12IS2r10T100 #ST[s],OS[mm],it
7421 BestOS+0.1ST: 23.4 4 14 cr10cm100N30ny4nu4it12IS2r10T100 #ST[s],OS[mm],it
7422 BestOS+0.1ST: 36.5 0 10 cr10cm100N30ny4nu4it12IS2r10T100 #ST[s],OS[mm],it
7423
7424 #####
7425 BestOS+0.1ST: 28.3 0 08 #ST[s] OS[mm] i for cr2cm100N30ny5nu5it12IS2r10T100
7426 BestOS+0.1ST: 31.9 10 03 #ST[s] OS[mm] i for cr2cm100N30ny5nu5it12IS2r10T100
7427 BestOS+0.1ST: 35.4 2 13 #ST[s] OS[mm] i for cr10cm100N30ny5nu5it12IS2r10T100
7428 BestOS+0.1ST: 29.1 0 15 #ST[s] OS[mm] i for cr10cm100N30ny5nu5it12IS2r10T100
7429
7430 BestOS+0.1ST: 29.1 0 15 #ST[s] OS[mm] i for cr10cm100N30ny5nu5it12IS2r10T100
7431
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7431 BestOS+0.1ST: 30.2 0 19 #ST[s] OS[mm] i for cr2cm100N30ny5nu5u2it12IS2r10T100
7432 BestOS+0.1ST: 44.7 11 19 #ST[s] OS[mm] i for cr2cm100N30ny5nu5u2it12IS2r10T100
7433 BestOS+0.1ST: 58.8 0 17 #ST[s] OS[mm] i for cr10cm100N30ny5nu5u4it12IS2r10T100
7434 BestOS+0.1ST: head: `0` を 読み込み用にオープンできません: No such file or directory
7435
7436 BestOS+0.1ST: 25.8 8 13 #ST[s] OS[mm] i for cr2cm100N30ny5nu5u3it12IS2r10T100
7437 BestOS+0.1ST: 24.0 0 18 #ST[s] OS[mm] i for cr2cm100N30ny5nu5u3it12IS2r10T100
7438 BestOS+0.1ST: 34.3 1 06 #ST[s] OS[mm] i for cr10cm100N30ny5nu5u3it12IS2r10T100
7439 BestOS+0.1ST: 55.9 3819 04 #ST[s] OS[mm] i for cr10cm100N30ny5nu5u3it12IS2r10T100
7440
7441 BestOS+0.1ST: 25.9 2 13 #ST[s] OS[mm] i for cr2cm100N30ny5nu5u4it12IS2r10T100
7442 BestOS+0.1ST: 21.4 9 07 #ST[s] OS[mm] i for cr2cm100N30ny5nu5u4it12IS2r10T100
7443 BestOS+0.1ST: 28.3 0 08 #ST[s] OS[mm] i for cr10cm100N30ny5nu5u4it12IS2r10T100
7444 BestOS+0.1ST: 31.2 0 13 #ST[s] OS[mm] i for cr10cm100N30ny5nu5u4it12IS2r10T100
7445
7446 BestOS+0.1ST: 26.6 0 08 #ST[s] OS[mm] i for cr2cm100N30ny5nu5u5it12IS2r10T100 OK
7447 BestOS+0.1ST: 24.4 1 07 #ST[s] OS[mm] i for cr2cm100N30ny5nu5u5it12IS2r10T100
7448 BestOS+0.1ST: 35.6 4 17 #ST[s] OS[mm] i for cr10cm100N30ny5nu5u5it12IS2r10T100
7449 BestOS+0.1ST: 36.2 0 10 #ST[s] OS[mm] i for cr10cm100N30ny5nu5u5it12IS2r10T100
7450
7451 BestOS+0.1ST: 20.0 0 12 #ST[s] OS[mm] i for cr2cm100N30ny5nu5u5it12IS2r10T100
7452 BestOS+0.1ST: 29.4 141 17 #ST[s] OS[mm] i for cr2cm100N30ny5nu5u5it12IS2r10T100
7453 BestOS+0.1ST: 39.7 10 02 #ST[s] OS[mm] i for cr10cm100N30ny5nu5u5it12IS2r10T100
7454 BestOS+0.1ST: 24.6 0 10 #ST[s] OS[mm] i for cr10cm100N30ny5nu5u5it12IS2r10T100
7455
7456 BestOS+0.1ST: 18.9 0 02 #ST[s] OS[mm] i for cr2cm100N30ny5nu5u2it12IS2r10T100
7457 BestOS+0.1ST: 25.4 18 12 #ST[s] OS[mm] i for cr2cm100N30ny5nu5u2it12IS2r10T100
7458 BestOS+0.1ST: 22.4 23 08 #ST[s] OS[mm] i for cr10cm100N30ny5nu5u2it12IS2r10T100
7459 BestOS+0.1ST: 99.5 2866 20 #ST[s] OS[mm] i for cr10cm100N30ny5nu5u2it12IS2r10T100
7460
7461 BestOS+0.1ST: 21.9 6 14 #ST[s] OS[mm] i for cr2cm100N30ny5nu5u3it12IS2r10T100
7462 BestOS+0.1ST: 20.2 13 #ST[s] OS[mm] i for cr2cm100N30ny5nu5u3it12IS2r10T100
7463 BestOS+0.1ST: 35.0 1 11 #ST[s] OS[mm] i for cr10cm100N30ny5nu5u3it12IS2r10T100
7464 BestOS+0.1ST: 58.8 318 07 #ST[s] OS[mm] i for cr10cm100N30ny5nu5u3it12IS2r10T100
7465
7466 BestOS+0.1ST: 19.8 0 14 #ST[s] OS[mm] i for cr2cm100N30ny5nu5u4it12IS2r10T100
7467 BestOS+0.1ST: 17.3 0 05 #ST[s] OS[mm] i for cr2cm100N30ny5nu5u4it12IS2r10T100
7468 BestOS+0.1ST: 30.0 4 14 #ST[s] OS[mm] i for cr10cm100N30ny5nu5u4it12IS2r10T100
7469 BestOS+0.1ST: 30.9 12 20 #ST[s] OS[mm] i for cr10cm100N30ny5nu5u4it12IS2r10T100
7470
7471 BestOS+0.1ST: 16.2 0 11 #ST[s] OS[mm] i for cr2cm100N30ny5nu5u5it12IS2r10T100 Best for ny<=5, nu<=5
7472 BestOS+0.1ST: 19.1 0 11 #ST[s] OS[mm] i for cr2cm100N30ny5nu5u5it12IS2r10T100
7473 BestOS+0.1ST: 33.0 9 05 #ST[s] OS[mm] i for cr10cm100N30ny5nu5u5it12IS2r10T100
7474 BestOS+0.1ST: 40.6 0 18 #ST[s] OS[mm] i for cr10cm100N30ny5nu5u5it12IS2r10T100
7475 #ny6
7476 BestOS+0.1ST: 11.8 2 10 #ST[s] OS[mm] i for cr2cm100N30ny6nu6it12IS2r10T100
7477 BestOS+0.1ST: 23.5 5 10 #ST[s] OS[mm] i for cr2cm100N30ny6nu6it12IS2r10T100
7478 BestOS+0.1ST: 29.0 73 11 #ST[s] OS[mm] i for cr10cm100N30ny6nu6it12IS2r10T100
7479 BestOS+0.1ST: 53.6 0 08 #ST[s] OS[mm] i for cr10cm100N30ny6nu6it12IS2r10T100
7480
7481 BestOS+0.1ST: 20.2 0 08 #ST[s] OS[mm] i for cr2cm100N30ny6nu6it12IS2r10T100
7482 BestOS+0.1ST: 17.8 1 03 #ST[s] OS[mm] i for cr2cm100N30ny6nu6it12IS2r10T100
7483 BestOS+0.1ST: 23.3 1 14 #ST[s] OS[mm] i for cr10cm100N30ny6nu6it12IS2r10T100
7484 BestOS+0.1ST: 35.7 71 17 #ST[s] OS[mm] i for cr10cm100N30ny6nu6it12IS2r10T100
7485
7486 BestOS+0.1ST: 17.9 0 12 #ST[s] OS[mm] i for cr2cm100N30ny6nu6it12IS2r10T100
7487 BestOS+0.1ST: 22.1 2 16 #ST[s] OS[mm] i for cr2cm100N30ny6nu6it12IS2r10T100
7488 BestOS+0.1ST: 29.9 10 19 #ST[s] OS[mm] i for cr10cm100N30ny6nu6it12IS2r10T100
7489 BestOS+0.1ST: 33.8 20 04 #ST[s] OS[mm] i for cr10cm100N30ny6nu6it12IS2r10T100
7490
7491 BestOS+0.1ST: 19.4 0 13 #ST[s] OS[mm] i for cr2cm100N30ny6nu6it12IS2r10T100
7492 BestOS+0.1ST: 17.3 0 17 #ST[s] OS[mm] i for cr2cm100N30ny6nu6it12IS2r10T100
7493 BestOS+0.1ST: 35.9 47 03 #ST[s] OS[mm] i for cr10cm100N30ny6nu6it12IS2r10T100
7494 BestOS+0.1ST: 34.4 12 15 #ST[s] OS[mm] i for cr10cm100N30ny6nu6it12IS2r10T100
7495
7496 BestOS+0.1ST: 18.5 5 15 #ST[s] OS[mm] i for cr2cm100N30ny6nu6it12IS2r10T100
7497 BestOS+0.1ST: 25.5 0 18 #ST[s] OS[mm] i for cr2cm100N30ny6nu6it12IS2r10T100
7498 BestOS+0.1ST: 35.1 3 04 #ST[s] OS[mm] i for cr10cm100N30ny6nu6it12IS2r10T100
7499 BestOS+0.1ST: 28.8 17 04 #ST[s] OS[mm] i for cr10cm100N30ny6nu6it12IS2r10T100
7500
7501 BestOS+0.1ST: 20.1 6 11 #ST[s] OS[mm] i for cr2cm100N30ny6nu6it12IS2r10T100
7502 BestOS+0.1ST: 27.8 4 12 #ST[s] OS[mm] i for cr2cm100N30ny6nu6it12IS2r10T100
7503 BestOS+0.1ST: 41.4 18 11 #ST[s] OS[mm] i for cr10cm100N30ny6nu6it12IS2r10T100
7504 BestOS+0.1ST: 25.9 0 13 #ST[s] OS[mm] i for cr10cm100N30ny6nu6it12IS2r10T100
7505
7506 #ny7
7507 BestOS+0.1ST: 27.8 13 05 #ST[s] OS[mm] i for cr2cm100N30ny7nu6u6it12IS2r10T100
7508 BestOS+0.1ST: 21.8 0 15 #ST[s] OS[mm] i for cr2cm100N30ny7nu6u6it12IS2r10T100
7509 BestOS+0.1ST: 24.4 14 18 #ST[s] OS[mm] i for cr10cm100N30ny7nu6u6it12IS2r10T100
7510 BestOS+0.1ST: 25.4 1 20 #ST[s] OS[mm] i for cr10cm100N30ny7nu6u6it12IS2r10T100
7511
7512 BestOS+0.1ST: 26.9 0 14 #ST[s] OS[mm] i for cr2cm100N30ny7nu7i7it12IS2r10T100
```

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7513 BestOS+0.1ST: 22.4 22 10 #ST[s] OS[mm] i for cr2cm100N30ny7nu7i7it12IS2r10T100
7514 BestOS+0.1ST: 22.3 39 06 #ST[s] OS[mm] i for cr10cm100N30ny7nu7i7it12IS2r10T100
7515 BestOS+0.1ST: 26.8 3 04 #ST[s] OS[mm] i for cr10cm100N30ny7nu7i7it12IS2r10T100
7516
7517 #####
7518 BestOS+0.1ST: 25.4 0 19 #ST[s] OS[mm] i for cr2cm100N20ny4nu3it12IS2r10T100 NG
7519 BestOS+0.1ST: 34.7 19 06 #ST[s] OS[mm] i for cr2cm100N20ny4nu3it12IS2r10T100
7520 BestOS+0.1ST: 41.5 0 06 #ST[s] OS[mm] i for cr10cm100N20ny4nu3it12IS2r10T100
7521 BestOS+0.1ST: 44.7 1102 06 #ST[s] OS[mm] i for cr10cm100N20ny4nu3it12IS2r10T100
7522
7523 BestOS+0.1ST: 25.1 0 19 #ST[s] OS[mm] i for cr2cm100N40ny4nu3it12IS2r10T100 NG
7524 BestOS+0.1ST: 67.7 0 08 #ST[s] OS[mm] i for cr2cm100N40ny4nu3it12IS2r10T100
7525 BestOS+0.1ST: 34.4 2 06 #ST[s] OS[mm] i for cr10cm100N40ny4nu3it12IS2r10T100
7526 BestOS+0.1ST: 43.4 0 11 #ST[s] OS[mm] i for cr10cm100N40ny4nu3it12IS2r10T100
7527
7528 BestOS+0.1ST: 26.7 0 14 cr2cm10N20ny4nu4it12IS2r10T100 #ST[s] OS[mm] it OK?
7529 BestOS+0.1ST: 31.0 0 05 cr2cm100N30ny4nu4it12IS2r10T100 #ST[s] OS[mm],it
7530 BestOS+0.1ST: 23.4 4 14 cr10cm100N30ny4nu4it12IS2r10T100 #ST[s] OS[mm],it
7531 BestOS+0.1ST: 36.5 0 10 cr10cm100N30ny4nu4it12IS2r10T100 #ST[s] OS[mm],it
7532
7533 BestOS+0.1ST: 25.8 0 19 cr2cm100N30ny4nu3it12IS2r10T100 #ST[s] OS[mm] it *** OK
7534 BestOS+0.1ST: 24.5 1 13 cr2cm100N30ny4nu3it12IS2r10T100 #ST[s] OS[mm],it
7535 BestOS+0.1ST: 31.2 0 15 cr10cm100N30ny4nu3it12IS2r10T100 #ST[s] OS[mm],it
7536 BestOS+0.1ST: 31.8 1 07 cr10cm100N30ny4nu3it12IS2r10T100 #ST[s] OS[mm],it
7537
7538 BestOS+0.1ST: 28.9 0 11 cr2cm100N30ny4nu2it12IS2r10T100 #ST[s] OS[mm] it OK
7539 BestOS+0.1ST: 25.7 0 07 cr2cm100N30ny4nu2it12IS2r10T100 #ST[s] OS[mm],it
7540 BestOS+0.1ST: 30.6 4 13 cr10cm100N30ny4nu2it12IS2r10T100 #ST[s] OS[mm],it
7541 BestOS+0.1ST: 29.7 1 12 cr10cm100N30ny4nu2it12IS2r10T100 #ST[s] OS[mm],it
7542
7543 #######nz=5
7544 Best OS+0.1ST:rs:rs:6 86,9 3728 cr10 cm100 N30ny4nu2it12IS2 T100 #IT,ST[s],OS[mm]
7545 Best OS+0.1ST:rs:rs:7 62,9 5 cr10 cm100 N50ny4nu2it12IS2 T100 #IT,ST[s],OS[mm]
7546 Best OS(rs):12 99,2 1881 cr10 cm100 N60ny4nu2it12IS2 T100 #IT,ST[s],OS[mm]
7547
7548 12 29,7 1 cr10 cm100 N30ny4nu2it12IS2 T100 #IT,ST[s],OS[mm]
7549 7 31,8 1 cr10 cm100 N30ny4nu3it12IS2 T100 #IT,ST[s],OS[mm]
7550 10 36,5 0 cr10 cm100 N30ny4nu4it12IS2 T100 #IT,ST[s],OS[mm]
7551
7552 17 19,9 0 cr2 cm100 N30ny4nu3it12IS2 T100 #IT,ST[s],OS[mm]
7553 16 14,6 1 cr2 cm100 N30ny4nu3it12IS2 T100 #IT,ST[s],OS[mm]
7554 16 60,1 10 cr10 cm100 N30ny4nu3it12IS2 T100 #IT,ST[s],OS[mm]NG?
7555 20 27,5 30 cr10 cm100 N30ny4nu3it12IS2 T100 #IT,ST[s],OS[mm]
7556
7557 BestOS+0.1ST: 19.8 0 14 #ST[s] OS[mm] i for cr2cm100N30ny5nu4it12IS2r10T100 ??
7558 BestOS+0.1ST: 17.3 0 05 #ST[s] OS[mm] i for cr2cm100N30ny5nu4it12IS2r10T100
7559 BestOS+0.1ST: 30.0 4 14 #ST[s] OS[mm] i for cr10cm100N30ny5nu4it12IS2r10T100
7560 BestOS+0.1ST: 30.9 12 20 #ST[s] OS[mm] i for cr10cm100N30ny5nu4it12IS2r10T100
7561
7562 BestOS+0.1ST: 18.5 5 15 #ST[s] OS[mm] i for cr2cm100N30ny6nu5it12IS2r10T100
7563 BestOS+0.1ST: 25.5 0 15 #ST[s] OS[mm] i for cr2cm100N30ny6nu5it12IS2r10T100
7564 BestOS+0.1ST: 35.1 3 04 #ST[s] OS[mm] i for cr10cm100N30ny6nu5it12IS2r10T100
7565 BestOS+0.1ST: 28.8 17 04 #ST[s] OS[mm] i for cr10cm100N30ny6nu5it12IS2r10T100
7566
7567 BestOS+0.1ST: 24.6 0 16 #ST[s] OS[mm] i for cr2cm100N40ny5nu4it12IS2r10T100 OK?
7568 BestOS+0.1ST: 19.6 0 19 #ST[s] OS[mm] i for cr2cm100N40ny5nu4it12IS2r10T100
7569 BestOS+0.1ST: 22.7 13 05 #ST[s] OS[mm] i for cr10cm100N40ny5nu4it12IS2r10T100
7570 BestOS+0.1ST: 25.2 0 12 #ST[s] OS[mm] i for cr10cm100N40ny5nu4it12IS2r10T100
7571
7572 BestOS+0.1ST: 19.9 0 06 #ST[s] OS[mm] i for cr2cm100N35ny5nu4it12IS2r10T100
7573 BestOS+0.1ST: 24.2 3 18 #ST[s] OS[mm] i for cr2cm100N35ny5nu4it12IS2r10T100
7574 BestOS+0.1ST: 36.5 0 12 #ST[s] OS[mm] i for cr10cm100N35ny5nu4it12IS2r10T100
7575 BestOS+0.1ST: 47.7 17 14 #ST[s] OS[mm] i for cr10cm100N35ny5nu4it12IS2r10T100
7576
7577 BestOS+0.1ST: 18.1 0 07 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2r10T100
7578 BestOS+0.1ST: 26.3 0 07 #ST[s] OS[mm] i for cr2cm100N30ny4nu4it12IS2r10T100
7579 BestOS+0.1ST: 35.6 19 09 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2r10T100
7580 BestOS+0.1ST: 39.8 0 06 #ST[s] OS[mm] i for cr10cm100N30ny4nu4it12IS2r10T100
7581
7582 BestOS+0.1ST: 23.6 0 12 #ST[s] OS[mm] i for cr2cm100N30ny3nu3it12IS2r10T100
7583 BestOS+0.1ST: 29.1 0 10 #ST[s] OS[mm] i for cr2cm100N30ny3nu3it12IS2r10T100
7584 BestOS+0.1ST: 24.2 9 18 #ST[s] OS[mm] i for cr10cm100N30ny3nu3it12IS2r10T100
7585 BestOS+0.1ST: 53.6 143 05 #ST[s] OS[mm] i for cr10cm100N30ny3nu3it12IS2r10T100
7586
7587 BestOS+0.1ST: 16.2 0 11 #ST[s] OS[mm] i for cr2cm100N30ny5nu5it12IS2r10T100 SoSo
7588 BestOS+0.1ST: 19.1 0 11 #ST[s] OS[mm] i for cr2cm100N30ny5nu5it12IS2r10T100
7589 BestOS+0.1ST: 33.0 9 05 #ST[s] OS[mm] i for cr10cm100N30ny5nu5it12IS2r10T100
7590 BestOS+0.1ST: 40.6 0 18 #ST[s] OS[mm] i for cr10cm100N30ny5nu5it12IS2r10T100
7591
7592 #######nz=5
7593 16 24,9 0 cr2 cm100 N30ny2nu2it12IS2 T100 #IT,ST[s],OS[mm]**
7594 12 12,5 0 cr2 cm100 N30ny2nu2it12IS2 T100 #IT,ST[s],OS[mm]**
```

```
7595 4 99.7 768 cr2 cm100 N30ny2nu3it12IS2 Tl00 #IT,ST[s],OS[mm]
7596 4 99.7 768 cr2 cm100 N30ny2nu4it12IS2 Tl00 #IT,ST[s],OS[mm]
7597 4 99.7 768 cr2 cm100 N30ny2nu5it12IS2 Tl00 #IT,ST[s],OS[mm]
7598
7599 11 23.6 0 cr2 cm100 N30ny3nu1it12IS2 Tl00 #IT,ST[s],OS[mm]***
7600 9 28.8 1 cr2 cm100 N30ny3nu2it12IS2 Tl00 #IT,ST[s],OS[mm]
7601 10 29.1 0 cr2 cm100 N30ny3nu3it12IS2 Tl00 #IT,ST[s],OS[mm]
7602 13 99.8 1090 cr2 cm100 N30ny3nu4it12IS2 Tl00 #IT,ST[s],OS[mm]
7603
7604 7 18.2 67 cr2 cm100 N30ny4nu1it12IS2 Tl00 #IT,ST[s],OS[mm]
7605 7 31.9 32 cr2 cm100 N30ny4nu2it12IS2 Tl00 #IT,ST[s],OS[mm]
7606 16 14.6 1 cr2 cm100 N30ny4nu3it12IS2 Tl00 #IT,ST[s],OS[mm]***
7607 7 26.3 0 cr2 cm100 N30ny4nu4it12IS2 Tl00 #IT,ST[s],OS[mm]
7608
7609 17 29.4 141 cr2 cm100 N30ny5nu1it12IS2 Tl00 #IT,ST[s],OS[mm]
7610 12 25.4 18 cr2 cm100 N30ny5nu2it12IS2 Tl00 #IT,ST[s],OS[mm]
7611 13 20.2 4 cr2 cm100 N30ny5nu3it12IS2 Tl00 #IT,ST[s],OS[mm]***
7612 5 17.3 0 cr2 cm100 N30ny5nu4it12IS2 Tl00 #IT,ST[s],OS[mm]****
7613 11 19.1 0 cr2 cm100 N30ny5nu5it12IS2 Tl00 #IT,ST[s],OS[mm]
7614
7615 11 23.5 5 cr2 cm100 N30ny6nu1it12IS2 Tl00 #IT,ST[s],OS[mm]
7616 3 17.8 1 cr2 cm100 N30ny6nu2it12IS2 Tl00 #IT,ST[s],OS[mm]
7617 16 22.1 1 cr2 cm100 N30ny6nu3it12IS2 Tl00 #IT,ST[s],OS[mm]
7618 17 17.3 0 cr2 cm100 N30ny6nu4it12IS2 Tl00 #IT,ST[s],OS[mm]***
7619 15 25.5 0 cr2 cm100 N30ny6nu5it12IS2 Tl00 #IT,ST[s],OS[mm]
7620 12 27.8 4 cr2 cm100 N30ny6nu6it12IS2 Tl00 #IT,ST[s],OS[mm]
7621
7622 #####r=10
7623 8 19.6 0 cr2 cm100 N30ny2nu1it12IS2 Tl00 #IT,ST[s],OS[mm]
7624 5 33.5 0 cr2 cm100 N30ny2nu2it12IS2 Tl00 #IT,ST[s],OS[mm]
7625
7626 20 25.2 0 cr2 cm100 N30ny3nu1it12IS2 Tl00 #IT,ST[s],OS[mm]***
7627 9 69.6 687 cr2 cm100 N30ny3nu2it12IS2 Tl00 #IT,ST[s],OS[mm]
7628 9 29.3 0 cr2 cm100 N30ny3nu3it12IS2 Tl00 #IT,ST[s],OS[mm]++
7629
7630 18 36.8 64 cr2 cm100 N30ny4nu1it12IS2 Tl00 #IT,ST[s],OS[mm]
7631 7 25.7 0 cr2 cm100 N30ny4nu2it12IS2 Tl00 #IT,ST[s],OS[mm]***
7632 13 24.5 1 cr2 cm100 N30ny4nu3it12IS2 Tl00 #IT,ST[s],OS[mm]****
7633 5 31.0 0 cr2 cm100 N30ny4nu4it12IS2 Tl00 #IT,ST[s],OS[mm]
7634
7635 3 31.9 0 cr2 cm100 N30ny5nu1it12IS2 Tl00 #IT,ST[s],OS[mm]
7636 19 44.7 11 cr2 cm100 N30ny5nu2it12IS2 Tl00 #IT,ST[s],OS[mm]
7637 18 24.0 0 cr2 cm100 N30ny5nu3it12IS2 Tl00 #IT,ST[s],OS[mm]***
7638 7 21.4 19 cr2 cm100 N30ny5nu4it12IS2 Tl00 #IT,ST[s],OS[mm]
7639 20 24.4 1 cr2 cm100 N30ny5nu5it12IS2 Tl00 #IT,ST[s],OS[mm]
7640
7641 8 20.9 3 cr2 cm100 N30ny6nu1it12IS2 Tl00 #IT,ST[s],OS[mm]
7642 17 27.3 10 cr2 cm100 N30ny6nu2it12IS2 Tl00 #IT,ST[s],OS[mm]
7643 17 32.1 40 cr2 cm100 N30ny6nu3it12IS2 Tl00 #IT,ST[s],OS[mm]
7644 15 21.3 1 cr2 cm100 N30ny6nu4it12IS2 Tl00 #IT,ST[s],OS[mm]***
7645 19 24.2 1 cr2 cm100 N30ny6nu5it12IS2 Tl00 #IT,ST[s],OS[mm]
7646
7647 14 24.2 53 cr2 cm100 N30ny6nu6it12IS2 Tl00 #IT,ST[s],OS[mm]
7648
7649 19 30.7 4 cr2 cm100 ny5 nu3 Nl0 T50
7650 9 42.6 23 cr2 cm100 ny5 nu3 Nl0 Tl00
7651
7652 9 42.6 23 cr2 cm100 ny6 nu4 Nl0 Tl00
7653
7654 N=10;ny=3;nu=3
7655 10)SeiteiJikan=22.2s,OS=10mm 2-10
7656 --- 2-100
7657 13)SeiteiJikan=27.1s,OS=1mm 10-10
7658 -- 10-100
7659
7660 N=10;ny=4;nu=4
7661 8)SeiteiJikan=25.4s,OS=0mm 2-10
7662 6)SeiteiJikan=22.1s,OS=1mm 2-100
7663 14)SeiteiJikan=30.4s,OS=1mm 10-10
7664 6)SeiteiJikan=32.2s,OS=10mm 10-100
7665 N=10;ny=5;nu=5;
7666 12)SeiteiJikan=26.5s,OS=0mm
7667 12)SeiteiJikan=29.8s,OS=0mm
7668 15)SeiteiJikan=25.7s,OS=0mm
7669
7670
7671
7672
7673
7674 #####
7675 ##### for Neural Networks
7676 20101208
```

```
7677 #####
7678 Change AP_ny and AP_nu in apc_crane.c
7679 AP_ny=AP_nu=1 ---NG uncontrollable
7680 AP_ny=AP_nu=2 ---OK?
7681 N=10;iti=4 best by izaki?
7682 #####
7683 #####(1) if文をコメントアウトして、osが小さいのを求め、
7684 そのitを載してif文を生かしてnetファイルの作成
7685 「Error」がある行に、「### Check line ##」という新しい行を追加する
7686 #####ICONIP2011
7687 cd prog;
7688 mkdir ../result; ln -s ../result .
7689 #N=10;ny=4;nu=4;iti=20;iti=2;r=5;umax=20;ky=0.1;cc=0.5;fa="";sst="sst"; #sst:smaller settling time
7690 #N=10;ny=3;nu=3;iti=20;iti=2;r=5;umax=20;ky=0.1;cc=0.5;fa="";sst="";IS=4; #
7691 #N=10;ny=4;nu=4;iti=20;iti=4;r=5;umax=20;ky=0.1;cc=0.5;fa="";sst="";IS=4; #
7692 #N=10;ny=4;nu=4;iti=20;iti=4;r=5;umax=20;ky=0.1;cc=0.5;fa="";sst="";IS=8; #
7693 #N=10;ny=4;nu=4;iti=20;iti=4;r=5;umax=20;ky=0.1;cc=0.5;fa="";sst="";IS=2; #
7694 #N=10;ny=2;nu=2;iti=20;iti=2;r=5;umax=20;ky=0.1;cc=0.5;fa="";sst="";IS=4; #
7695 #N=10;ny=4;nu=4;iti=20;iti=2;r=5;umax=20;ky=0.1;cc=0.5;fa="";sst="";IS=2; #Nl0ny4nu4iti2IS2
7696 #N=10;ny=2;nu=2;iti=20;iti=2;r=5;umax=20;ky=0.1;cc=0.5;fa="";sst="";IS=4; #
7697 #N=10;ny=4;nu=4;iti=20;iti=4;r=5;umax=20;ky=0.1;cc=0.5;fa="";sst="";IS=4; #
7698 #N=10;ny=4;nu=4;iti=20;iti=4;r=5;umax=20;ky=0.1;cc=0.5;fa="";sst="";IS=2; #
7699 #N=10;ny=4;nu=4;iti=20;iti=4;r=5;umax=20;ky=0.1;cc=0.5;fa="";sst="";IS=2; #
7700 #N=10;ny=4;nu=4;iti=20;iti=2;r=5;umax=20;ky=0.1;cc=0.5;fa="";sst="";IS=2; #
7701 ###
7702 f0=apc_crane.c;f1=apc_crane_bak.c;cp $f0 $f1;
7703 sed -e s/"AP_ny "/"AP_ny ${ny}\\"/ -e s/"AP_nu "/"AP_nu ${nu}\\"/ -e s/"AP_IS "/"AP_IS ${IS}\\"/
7704 make;
7705 d=NS[N]ny${ny}nu${nu}iti${iti}ISS${IS};
7706 dst=result/$d;if [ -d $dst ] ; then echo $dst ; else mkdir $dst ; fi
7707 for cr in 2 10; do for cm in 10 100; do
7708 echo ##### Executing for ${dst}/${cm}${cr}${cr} "
7709 #####
7710 #for Nl0ny2nu2iti2IS4 itmax=20 below for sos:small OS *****same as best with IS2
7711 if [ $N = 10 -a $ny = 2 -a $nu = 2 -a $iti = 2 -a $IS = 4 ] ; then
7712 if [ $cm = 10 -a $cr = 2 ] ;then it=15 ;fi #15)SeiteiJikan=13.4s,OS=0mm***
7713 if [ $cm = 100 -a $cr = 2 ] ;then it=4 ;fi #4)SeiteiJikan=16.2s,OS=0mm***
7714 if [ $cm = 10 -a $cr = 10 ] ;then it=10 ;fi #10)SeiteiJikan=24.3s,OS=10mm***
7715 if [ $cm = 100 -a $cr = 10 ] ;then it=5 ;fi # 5)SeiteiJikan=19.6s,OS=0mm
7716 fi
7717 #for Nl0ny4nu4iti4IS2 itmax=20 below ##NG
7718 if [ $d = Nl0ny4nu4iti4IS2 ] ; then
7719 if [ "$cm" = "10" -a "$cr" = "2" ] ; then it=20 ; fi #20)SeiteiJikan=24.1s,OS=2mm ***
7720 if [ "$cm" = "100" -a "$cr" = "2" ] ; then it=19 ; fi #19)SeiteiJikan=17.2s,OS=1mm ***
7721 if [ "$cm" = "10" -a "$cr" = "10" ] ; then it=11 ; fi #11)SeiteiJikan=34.0s,OS=35mm ***
7722 if [ "$cm" = "100" -a "$cr" = "10" ] ; then it=2 ; fi # 2)SeiteiJikan=30.0s,OS=3mm ***
7723 fi
7724 #for Nl0ny4nu4iti4IS4 itmax=20 below for sos:small OS same for IS8
7725 if [ $N = 10 -a $ny = 4 -a $nu = 4 -a $iti = 4 -a $IS = 4 ] ; then
7726 if [ $d = Nl0ny4nu4iti4IS4 ] ; then $same as for IS8
7727 if [ $cm = 10 -a $cr = 2 ] ;then it=20 ;fi #20)SeiteiJikan=24.1s,OS=2mm***
7728 if [ $cm = 100 -a $cr = 2 ] ;then it=19 ;fi #19)SeiteiJikan=17.2s,OS=1mm***
7729 if [ $cm = 10 -a $cr = 10 ] ;then it=17 ;fi #17)SeiteiJikan=22.9s,OS=3mm***
7730 if [ $cm = 100 -a $cr = 10 ] ;then it=18 ;fi #18)SeiteiJikan=19.2s,OS=7mm***
7731 fi
7732 #for Nl0ny4nu4iti2IS2 itmax=20 OK
7733 if [ $d = Nl0ny4nu4iti2IS2 ] ; then #
7734 if [ $cm = 10 -a $cr = 2 ] ;then it=14 ;fi #14)SeiteiJikan=16.4s,OS=2mm***
7735 if [ $cm = 100 -a $cr = 2 ] ;then it=15 ;fi #15)SeiteiJikan=18.3s,OS=86mm***
7736 if [ $cm = 10 -a $cr = 10 ] ;then it=14 ;fi #14)SeiteiJikan=35.6s,OS=1mm***
7737 if [ $cm = 100 -a $cr = 10 ] ;then it=14 ;fi #14)SeiteiJikan=30.5s,OS=0mm***
7738 fi
7739 #for Nl0ny3nu3iti2IS4 itmax=20 below for sos:small OS
7740 if [ $cm = 10 -a $cr = 2 ] ;then it=10 ;fi #10)SeiteiJikan=16.9s,OS=0mm***
7741 if [ $cm = 100 -a $cr = 2 ] ;then it=9 ;fi #9)SeiteiJikan=16.7s,OS=3mm***
7742 if [ $cm = 100 -a $cr = 10 ] ;then it=12 ;fi #12)SeiteiJikan=36.5s,OS=7mm***
7743 if [ $cm = 100 -a $cr = 10 ] ;then it=15 ;fi #15)SeiteiJikan=67.7s,OS=50mm***
7744 #for Nl0ny2nu2iti2 itmax=20 below for sos:small OS *****best???
7745 if [ $N = 10 -a $iti = 2 -a $cm = 10 -a $cr = 2 ] ;then it=15 ;fi #15)SeiteiJikan=13.4s,OS=0mm***
7746 if [ $N = 10 -a $iti = 2 -a $cm = 100 -a $cr = 2 ] ;then it=4 ;fi #4)SeiteiJikan=16.2s,OS=0mm***
7747 if [ $N = 10 -a $iti = 2 -a $cm = 10 -a $cr = 10 ] ;then it=10 ;fi #10)SeiteiJikan=24.3s,OS=10mm***
7748 if [ $N = 10 -a $iti = 2 -a $cm = 100 -a $cr = 10 ] ;then it=5 ;fi # 5)SeiteiJikan=19.6s,OS=0mm
7749 #for Nl0ny5nu5 iti=4 itmax=20 below
7750 if [ "$cm" = "10" -a "$cr" = "2" ] ; then it=2 ; fi # 2)SeiteiJikan=16.2s,OS=86mm***??
7751 if [ "$cm" = "100" -a "$cr" = "2" ] ; then it=6 ; fi # 6)SeiteiJikan=26.5s,OS=149mm***xxx
7752 if [ "$cm" = "10" -a "$cr" = "10" ] ; then it=2 ; fi #12)SeiteiJikan=17.1s,OS=59mm***xxx
7753 if [ "$cm" = "100" -a "$cr" = "10" ] ; then it=9 ; fi #9)SeiteiJikan=17.2s,OS=31mm***
7754 #for Nl0ny4nu3 iti=4 itmax=20 below
7755 if [ "$cm" = "10" -a "$cr" = "2" ] ; then it=20 ; fi #20)SeiteiJikan=21.9s,OS=0mm***
7756 if [ "$cm" = "100" -a "$cr" = "2" ] ; then it=19 ; fi #19)SeiteiJikan=26.5s,OS=11mm***xxx
7757 if [ "$cm" = "10" -a "$cr" = "10" ] ; then it=12 ; fi #12)SeiteiJikan=35.8s,OS=14mm***
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7758 #if [ "$cm" = "100" -a "$cr" = "10" ] ; then it=20; fi #20)SeiteJikan=29.7s,OS=0mm***
7759 #for N10ny4nu2 iti=4 itmax=20 below
7760 #if [ "$cm" = "10" -a "$cr" = "2" ] ; then it=12 ; fi #12)SeiteJikan=14.7s,OS=5mm***
7761 #if [ "$cm" = "100" -a "$cr" = "2" ] ; then it=20 ; fi #20)SeiteJikan=17.0s,OS=3mm***
7762 #if [ "$cm" = "100" -a "$cr" = "10" ] ; then it=7 ; fi # 7)SeiteJikan=42.0s,OS=4mm***
7763 #if [ "$cm" = "100" -a "$cr" = "10" ] ; then it=2 ; fi # 2)SeiteJikan=23.8s,OS=342nm???
7764 #for N10ny2nu1 iti=4 itmax=20 below
7765 #if [ "$cm" = "100" -a "$cr" = "10" ] ; then it=4 ; fi #
7766 #for N10ny3nu3 iti=4 itmax=20 below
7767 #if [ "$cm" = "100" -a "$cr" = "2" ] ; then it=20 ; fi #20)SeiteJikan=23.9s,OS=0mm ***
7768 #if [ "$cm" = "100" -a "$cr" = "2" ] ; then it=15 ; fi #15)SeiteJikan=20.3s,OS=34mm***
7769 #if [ "$cm" = "100" -a "$cr" = "10" ] ; then it=13 ; fi #13)SeiteJikan=28.4s,OS=27mm ***
7770 #if [ "$cm" = "100" -a "$cr" = "10" ] ; then it=1 ; fi #uncontrolable
7771 #for N10ny2nu2f iti=4 itmax=20 below for fast
7772 #if [ "$cm" = "100" -a "$cr" = "2" ] ; then it=7 ; fi # 7)SeiteJikan=13.5s,OS=93mm ***
7773 #if [ "$cm" = "100" -a "$cr" = "2" ] ; then it=3 ; fi # 3)SeiteJikan=21.3s,OS=18mm ***
7774 #if [ "$cm" = "100" -a "$cr" = "10" ] ; then it=2 ; fi # 2)SeiteJikan=19.2s,OS=97mm ***
7775 #if [ "$cm" = "100" -a "$cr" = "10" ] ; then it=12 ; fi #12)SeiteJikan=19.2s,OS=102mm***
7776 #for N10ny2nu2 iti=4 itmax=20 below for small OS
7777 #if [ "$cm" = "100" -a "$cr" = "2" ] ; then it=11 ; fi #11)SeiteJikan=13.8s,OS=0mm ***
7778 #if [ "$cm" = "100" -a "$cr" = "2" ] ; then it=7 ; fi # 7)SeiteJikan=25.2s,OS=0mm ***
7779 #if [ "$cm" = "100" -a "$cr" = "10" ] ; then it=18 ; fi #18)SeiteJikan=17.5s,OS=23mm ***
7780 #if [ "$cm" = "100" -a "$cr" = "10" ] ; then it=6 ; fi # 6)SeiteJikan=24.9s,OS=0mm ***
7781 #for N5ny2nu2 iti=4 itmax=20 below for small OS
7782 #if [ "$cm" = "100" -a "$cr" = "2" ] ; then it=11 ; fi #11)SeiteJikan=13.6s,OS=0mm***
7783 #if [ "$cm" = "100" -a "$cr" = "2" ] ; then it=8 ; fi #8)SeiteJikan=24.3s,OS=0mm***
7784 #if [ "$cm" = "100" -a "$cr" = "10" ] ; then it=1 ; fi # 1)SeiteJikan=25.7s,OS=115mm***
7785 #if [ "$cm" = "100" -a "$cr" = "10" ] ; then it=4 ; fi # 4)SeiteJikan=22.3s,OS=0mm***
7786 #for N10ny4nu4iti2 itmax=20 below for sos:small OS
7787 #if [ $N = 10 -a $iti = 2 -a $cm = 10 -a $cr = 2 ] ;then it=15 ; fi #15)SeiteJikan=18.6s,OS=0mm***
7788 #if [ $N = 10 -a $iti = 2 -a $cm = 100 -a $cr = 2 ] ;then it=15 ; fi #15)SeiteJikan=18.3s,OS=68mm***
7789 #if [ $N = 10 -a $iti = 2 -a $cm = 10 -a $cr = 10 ] ;then it=14 ; fi #14)SeiteJikan=35.6s,OS=1mm***
7790 #if [ $N = 10 -a $iti = 2 -a $cm = 100 -a $cr = 10 ] ;then it=14 ; fi #14)SeiteJikan=30.5s,OS=0mm***
7791 #for N10ny2nu2iti2 itmax=20 below for ast:SmallSettlingTime *****best???
7792 #if [ $N = 10 -a $iti = 2 -a $cm = 10 -a $cr = 2 ] ;then it=19 ; fi #19)SeiteJikan=13.0s,OS=73mm+++
(SST:SmallSet)
7793 #if [ $N = 10 -a $iti = 2 -a $cm = 100 -a $cr = 2 ] ;then it=4 ; fi # 4)SeiteJikan=16.2s,OS=0mm***
++
7794 #if [ $N = 10 -a $iti = 2 -a $cm = 10 -a $cr = 10 ] ;then it=14 ; fi #14)SeiteJikan=16.7s,OS=22mm+++
7795 #if [ $N = 10 -a $iti = 2 -a $cm = 100 -a $cr = 10 ] ;then it=5 ; fi # 5)SeiteJikan=19.6s,OS=0mm***
++
7796 #for N3ny2nu2iti2 itmax=20 below for SmallSettlingTime
7797 #if [ $N = 3 -a $iti = 2 -a $cm = 10 -a $cr = 2 ] ;then it=9 ; fi #9)SeiteJikan=15.2s,OS=0mm***
7798 #if [ $N = 3 -a $iti = 2 -a $cm = 100 -a $cr = 2 ] ;then it=13;fi #13)SeiteJikan=25.8s,OS=0mm***
7799 #if [ $N = 3 -a $iti = 2 -a $cm = 10 -a $cr = 10 ] ;then it=13;fi #18)SeiteJikan=16.8s,OS=37mm***
7800 #if [ $N = 3 -a $iti = 2 -a $cm = 100 -a $cr = 10 ] ;then it=5 ; fi # 2)SeiteJikan=22.8s,OS=0mm***
7801 #####
7802 time emulate_crane2 it:${iti} $iti r:$r cr:$cr cm:$cm cc:$cc umax:$umax tt:100 kxt:1 method:1:$N DISP
:0
7803 f=${dst}/cm${cr}${cr}.net/cp can2b.net $f; echo "##### Done: cp can2b.net $f";fa=${f}$f;
7804 done ; done
7805 ##
7806
7807 #####(2)ネットを用いた制御実験：整定時間とオーバーシュートの取得
7808 N=10;ry=2;nu=2;it=20;iti=2;r=$r;umax=20;ky=0.1;cc=0.5;fa="";ast="";IS=4; #
7809 N=10;ry=4;nu=4;it=20;iti=4;r=$r;umax=20;ky=0.1;cc=0.5;fa="";ast="";IS=4; #
7810 N=10;ry=4;nu=4;it=20;iti=4;r=$r;umax=20;ky=0.1;cc=0.5;fa="";ast="";IS=2; #
7811 N=10;ry=4;nu=4;it=20;iti=2;r=$r;umax=20;ky=0.1;cc=0.5;fa="";ast="";IS=2; #
7812 #10-apc_crane.crfi=apc_crane_bak.crfp $f0 $f1;
7813 sed -e s"/AP.ny"/"AP.ny${ny}\n"/ -e s"/AP.ny"/"AP.ny ${nu}\n"/ -e s"/AP_IS"/"AP_IS ${IS}\n"/
7814 > $f1
7815 make;
7816 d=$(N)ny${ny}nu${nu}iti${iti}IS${IS};
7817 dst=result/$d;if [ -d $dst ] ; then echo $dst ; else mkdir $dst ; fi
7818 f1=$dst/cml0cr2.net
7819 f2=$dst/cml00cr2.net
7820 f3=$dst/cml0cr10.net
7821 f4=$dst/cml00cr10.net
7822 #for f in $fa; do for cr in 2 6 10; do for cm in 10 55 100; do
7823 for f in $fa $f1 $f2 $f3 $f4; do for cr in 2 6 10; do for cr:$cr cm:$cm cc:$cc umax:$umax tt:100 kxt:1 method:2:$N:$f
7824 if [ "$f" = "$fa" ] ; then echo "#cr${cr}cm${cm} by all-net" ; else echo "#cr${cr}cm${cm} by $f" ; f
1
7825 done ; done ; done
7826
7827 done ; done ; done
7828 #####(2)N10ny4nu4iti2IS2#####HOK
7829 1)SeiteJikan=19.0s,OS=0mm#cr2cm5 by all-net
7830 1)SeiteJikan=25.3s,OS=13mm#cr2cm100 by all-net
7831 1)SeiteJikan=23.0s,OS=2mm#cr6cm10 by all-net
7832 1)SeiteJikan=20.3s,OS=2mm#cr6cm5 by all-net
7833 1)SeiteJikan=30.2s,OS=0mm#cr6cm100 by all-net
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7834 1)SeiteJikan=22.8s,OS=1mm#cr10cm10 by all-net
7835 1)SeiteJikan=25.1s,OS=0mm#cr10cm55 by all-net
7836 1)SeiteJikan=31.2s,OS=0mm#cr10cm100 by all-net
7837 #
7838
7839 1)SeiteJikan=16.4s,OS=2mm#cr2cm10 by result/N10ny4nu4iti2IS2/cml0cr2.net
7840 1)SeiteJikan=16.4s,OS=2mm#cr2cm55 by result/N10ny4nu4iti2IS2/cml0cr2.net
7841 1)SeiteJikan=20.9s,OS=154mm#cr2cm100 by result/N10ny4nu4iti2IS2/cml0cr2.net
7842 1)SeiteJikan=17.9s,OS=7mm#cr6cm10 by result/N10ny4nu4iti2IS2/cml0cr2.net
7843 1)SeiteJikan=15.7s,OS=1mm#cr6cm55 by result/N10ny4nu4iti2IS2/cml0cr2.net
7844 1)SeiteJikan=22.1s,OS=154mm#cr6cm100 by result/N10ny4nu4iti2IS2/cml0cr2.net
7845 1)SeiteJikan=25.2s,OS=1.42mm#cr10cm10 by result/N10ny4nu4iti2IS2/cml0cr2.net
7846 1)SeiteJikan=15.6s,OS=2mm#cr10cm55 by result/N10ny4nu4iti2IS2/cml0cr2.net
7847 1)SeiteJikan=14.5s,OS=70mm#cr10cm100 by result/N10ny4nu4iti2IS2/cml0cr2.net
7848 #
7849 1)SeiteJikan=20.9s,OS=28mm#cr2cm10 by result/N10ny4nu4iti2IS2/cml0cr2.net
7850 1)SeiteJikan=18.3s,OS=84mm#cr2cm55 by result/N10ny4nu4iti2IS2/cml0cr2.net
7851 1)SeiteJikan=18.3s,OS=68mm#cr2cm100 by result/N10ny4nu4iti2IS2/cml00cr2.net
7852 1)SeiteJikan=32.0s,OS=4mm#cr6cm10 by result/N10ny4nu4iti2IS2/cml00cr2.net
7853 1)SeiteJikan=36.1s,OS=2mm#cr6cm55 by result/N10ny4nu4iti2IS2/cml00cr2.net
7854 1)SeiteJikan=1.0s,OS=0mm#cr6cm100 by result/N10ny4nu4iti2IS2/cml00cr2.net
7855 1)SeiteJikan=22.9s,OS=22mm#cr10cm10 by result/N10ny4nu4iti2IS2/cml00cr2.net
7856 1)SeiteJikan=29.7s,OS=3mm#cr10cm55 by result/N10ny4nu4iti2IS2/cml00cr2.net
7857 1)SeiteJikan=43.0s,OS=2mm#cr10cm100 by result/N10ny4nu4iti2IS2/cml00cr2.net
7858 #
7859 1)SeiteJikan=26.5s,OS=0mm#cr2cm10 by result/N10ny4nu4iti2IS2/cml0cr10.net
7860 1)SeiteJikan=30.7s,OS=0mm#cr2cm55 by result/N10ny4nu4iti2IS2/cml0cr10.net
7861 1)SeiteJikan=35.7s,OS=0mm#cr2cm100 by result/N10ny4nu4iti2IS2/cml0cr10.net
7862 1)SeiteJikan=27.7s,OS=21mm#cr6cm10 by result/N10ny4nu4iti2IS2/cml0cr10.net
7863 1)SeiteJikan=34.8s,OS=0mm#cr6cm55 by result/N10ny4nu4iti2IS2/cml0cr10.net
7864 1)SeiteJikan=34.3s,OS=0mm#cr6cm100 by result/N10ny4nu4iti2IS2/cml0cr10.net
7865 1)SeiteJikan=35.6s,OS=1mm#cr10cm10 by result/N10ny4nu4iti2IS2/cml0cr10.net
7866 1)SeiteJikan=31.4s,OS=1mm#cr10cm55 by result/N10ny4nu4iti2IS2/cml0cr10.net
7867 1)SeiteJikan=40.1s,OS=0mm#cr10cm100 by result/N10ny4nu4iti2IS2/cml0cr10.net
7868 #
7869 1)SeiteJikan=21.4s,OS=165mm#cr2cm10 by result/N10ny4nu4iti2IS2/cml00cr10.net
7870 1)SeiteJikan=48.2s,OS=95mm#cr2cm100 by result/N10ny4nu4iti2IS2/cml00cr10.net
7871 1)SeiteJikan=17.8s,OS=51mm#cr6cm10 by result/N10ny4nu4iti2IS2/cml00cr10.net
7872 1)SeiteJikan=24.8s,OS=36mm#cr6cm55 by result/N10ny4nu4iti2IS2/cml00cr10.net
7873 1)SeiteJikan=45.0s,OS=30mm#cr6cm100 by result/N10ny4nu4iti2IS2/cml00cr10.net
7874 1)SeiteJikan=31.3s,OS=35mm#cr10cm10 by result/N10ny4nu4iti2IS2/cml00cr10.net
7875 1)SeiteJikan=13.8s,OS=96mm#cr10cm55 by result/N10ny4nu4iti2IS2/cml00cr10.net
7876 1)SeiteJikan=30.5s,OS=0mm#cr10cm100 by result/N10ny4nu4iti2IS2/cml00cr10.net
7877 #####(2)N10ny4nu4iti4IS2#####NG
7878 1)SeiteJikan=23.7s,OS=0mm#cr2cm10 by all-net
7879 1)SeiteJikan=20.7s,OS=0mm#cr2cm55 by all-net
7880 1)SeiteJikan=24.8s,OS=2mm#cr2cm100 by all-net
7881 1)SeiteJikan=23.1s,OS=3mm#cr6cm10 by all-net
7882 1)SeiteJikan=24.9s,OS=0mm#cr6cm55 by all-net
7883 1)SeiteJikan=38.7s,OS=314mm#cr6cm100 by all-net
7884 1)SeiteJikan=34.5s,OS=22mm#cr10cm10 by all-net
7885 1)SeiteJikan=30.4s,OS=0mm#cr10cm55 by all-net
7886 1)SeiteJikan=28.8s,OS=0mm#cr10cm100 by all-net
7887
7888 #####(1)N10ny4nu4iti4IS8#####NG
7889 1)SeiteJikan=31.5s,OS=102mm
7890 1)SeiteJikan=27.7s,OS=13mm
7891 1)SeiteJikan=23.4s,OS=110mm
7892 1)SeiteJikan=16.0s,OS=76mm
7893 1)SeiteJikan=21.9s,OS=100mm
7894 1)SeiteJikan=15.6s,OS=82mm
7895 1)SeiteJikan=32.1s,OS=490mm
7896 1)SeiteJikan=17.1s,OS=55mm
7897 1)SeiteJikan=19.2s,OS=17mm
7898 1)SeiteJikan=16.2s,OS=82mm
7899 1)SeiteJikan=16.1s,OS=59mm
7900 1)SeiteJikan=24.2s,OS=114mm
7901 1)SeiteJikan=17.3s,OS=32mm
7902 1)SeiteJikan=15.6s,OS=89mm
7903 1)SeiteJikan=16.8s,OS=32mm
7904 1)SeiteJikan=24.1s,OS=2mm***
7905 ##### Executing for result/N10ny4nu4iti4IS8 /cml00cr2
7906 1)SeiteJikan=44.2s,OS=261mm
7907 1)SeiteJikan=29.5s,OS=318mm
7908 1)SeiteJikan=23.9s,OS=276mm
7909 1)SeiteJikan=26.2s,OS=254mm
7910 1)SeiteJikan=26.3s,OS=158mm
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7916 6)SeiteiJikan=26.6s,OS=166mm
7917 7)SeiteiJikan=22.8s,OS=105mm
7918 8)SeiteiJikan=25.1s,OS=120mm
7919 9)SeiteiJikan=29.4s,OS=331mm
7920 10)SeiteiJikan=25.4s,OS=212mm
7921 11)SeiteiJikan=16.1s,OS=76mm
7922 12)SeiteiJikan=25.9s,OS=238mm
7923 13)SeiteiJikan=22.2s,OS=208mm
7924 14)SeiteiJikan=18.1s,OS=96mm
7925 15)SeiteiJikan=26.1s,OS=133mm
7926 16)SeiteiJikan=18.2s,OS=45mm
7927 17)SeiteiJikan=16.2s,OS=86mm
7928 18)SeiteiJikan=14.6s,OS=90mm
7929 19)SeiteiJikan=17.2s,OS=1mm***
7930 20)SeiteiJikan=15.8s,OS=77mm
7931 ##### Executing for result/Nl0ny4nu4iti4IS8/cml0cr10
7932 1)SeiteiJikan=97.5s,OS=653mm
7933 2)SeiteiJikan=1.0s,OS=1732mm
7934 3)SeiteiJikan=36.3s,OS=652mm
7935 4)SeiteiJikan=25.2s,OS=112mm
7936 5)SeiteiJikan=31.3s,OS=143mm
7937 6)SeiteiJikan=23.4s,OS=36mm
7938 7)SeiteiJikan=25.9s,OS=324mm
7939 8)SeiteiJikan=34.9s,OS=126mm
7940 9)SeiteiJikan=24.3s,OS=158mm
7941 10)SeiteiJikan=27.0s,OS=2167mm
7942 11)SeiteiJikan=34.0s,OS=35mm
7943 12)SeiteiJikan=34.0s,OS=42mm
7944 13)SeiteiJikan=33.9s,OS=53mm
7945 14)SeiteiJikan=37.5s,OS=1940mm
7946 15)SeiteiJikan=27.9s,OS=52mm
7947 16)SeiteiJikan=37.8s,OS=114mm
7948 17)SeiteiJikan=22.6s,OS=39mm***
7949 18)SeiteiJikan=22.6s,OS=72mm
7950 19)SeiteiJikan=22.1s,OS=41mm
7951 20)SeiteiJikan=28.7s,OS=732mm
7952 ##### Executing for result/Nl0ny4nu4iti4IS8/cml00cr10
7953 1)SeiteiJikan=99.6s,OS=1804mm
7954 2)SeiteiJikan=30.0s,OS=5mm
7955 3)SeiteiJikan=85.3s,OS=4433mm
7956 4)SeiteiJikan=64.1s,OS=5880mm
7957 5)SeiteiJikan=74.7s,OS=3897mm
7958 6)SeiteiJikan=47.2s,OS=1877mm
7959 7)SeiteiJikan=1.0s,OS=9519mm
7960 8)SeiteiJikan=1.0s,OS=13358mm
7961 9)SeiteiJikan=88.6s,OS=4319mm
7962 10)SeiteiJikan=1.0s,OS=7881mm
7963 11)SeiteiJikan=1.0s,OS=8220mm
7964 12)SeiteiJikan=1.0s,OS=7614mm
7965 13)SeiteiJikan=1.0s,OS=2197mm
7966 14)SeiteiJikan=29.3s,OS=212mm
7967 15)SeiteiJikan=35.7s,OS=535mm
7968 16)SeiteiJikan=53.4s,OS=313mm
7969 17)SeiteiJikan=71.7s,OS=2054mm
7970 18)SeiteiJikan=19.2s,OS=7mm***
7971 19)SeiteiJikan=32.0s,OS=524mm
7972 20)SeiteiJikan=39.7s,OS=112mm
7973
7974
7975 #####(1)Nl0ny4nu4iti4IS4#####
7976 ##### Executing for result/Nl0ny4nu4iti4IS4/cml0cr2
7977 1)SeiteiJikan=31.5s,OS=102mm
7978 2)SeiteiJikan=27.7s,OS=13mm
7979 3)SeiteiJikan=27.4s,OS=110mm
7980 4)SeiteiJikan=16.0s,OS=76mm
7981 5)SeiteiJikan=21.9s,OS=100mm
7982 6)SeiteiJikan=15.6s,OS=82mm
7983 7)SeiteiJikan=24.8s,OS=148mm
7984 8)SeiteiJikan=32.1s,OS=490mm
7985 9)SeiteiJikan=16.5s,OS=94mm
7986 10)SeiteiJikan=17.1s,OS=55mm
7987 11)SeiteiJikan=24.5s,OS=114mm
7988 12)SeiteiJikan=19.2s,OS=17mm
7989 13)SeiteiJikan=16.2s,OS=82mm
7990 14)SeiteiJikan=16.1s,OS=59mm
7991 15)SeiteiJikan=16.0s,OS=82mm
7992 16)SeiteiJikan=24.2s,OS=114mm
7993 17)SeiteiJikan=17.3s,OS=32mm
7994 18)SeiteiJikan=15.6s,OS=69mm
7995 19)SeiteiJikan=16.8s,OS=32mm
7996 20)SeiteiJikan=24.1s,OS=2mm***
7997 ##### Executing for result/Nl0ny4nu4iti4IS4/cml00cr2
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```
7998 1)SeiteiJikan=44.2s,OS=261mm
7999 2)SeiteiJikan=29.5s,OS=318mm
8000 3)SeiteiJikan=23.9s,OS=276mm
8001 4)SeiteiJikan=26.2s,OS=254mm
8002 5)SeiteiJikan=26.3s,OS=158mm
8003 6)SeiteiJikan=26.6s,OS=166mm
8004 7)SeiteiJikan=22.8s,OS=105mm
8005 8)SeiteiJikan=25.1s,OS=120mm
8006 9)SeiteiJikan=29.4s,OS=331mm
8007 10)SeiteiJikan=25.4s,OS=212mm
8008 11)SeiteiJikan=16.1s,OS=76mm
8009 12)SeiteiJikan=25.9s,OS=238mm
8010 13)SeiteiJikan=22.2s,OS=208mm
8011 14)SeiteiJikan=18.1s,OS=96mm
8012 15)SeiteiJikan=16.2s,OS=86mm
8013 16)SeiteiJikan=18.2s,OS=45mm
8014 17)SeiteiJikan=16.2s,OS=86mm
8015 18)SeiteiJikan=14.6s,OS=90mm
8016 19)SeiteiJikan=17.2s,OS=1mm***
8017 20)SeiteiJikan=15.8s,OS=77mm
8018 ##### Executing for result/Nl0ny4nu4iti4IS4/cml0cr10
8019 1)SeiteiJikan=97.5s,OS=653mm
8020 2)SeiteiJikan=1.0s,OS=1732mm
8021 3)SeiteiJikan=36.3s,OS=652mm
8022 4)SeiteiJikan=25.2s,OS=112mm
8023 5)SeiteiJikan=31.3s,OS=143mm
8024 6)SeiteiJikan=23.4s,OS=36mm
8025 7)SeiteiJikan=25.9s,OS=324mm
8026 8)SeiteiJikan=34.9s,OS=126mm
8027 9)SeiteiJikan=24.3s,OS=158mm
8028 10)SeiteiJikan=27.0s,OS=2167mm
8029 11)SeiteiJikan=34.0s,OS=35mm
8030 12)SeiteiJikan=34.0s,OS=42mm
8031 13)SeiteiJikan=33.9s,OS=53mm
8032 14)SeiteiJikan=37.5s,OS=1940mm
8033 15)SeiteiJikan=27.9s,OS=52mm
8034 16)SeiteiJikan=37.8s,OS=114mm
8035 17)SeiteiJikan=22.6s,OS=39mm***
8036 18)SeiteiJikan=22.6s,OS=72mm
8037 19)SeiteiJikan=22.1s,OS=41mm
8038 20)SeiteiJikan=28.7s,OS=732mm
8039
8040 ##### Executing for result/Nl0ny4nu4iti4IS4/cml00cr10
8041 1)SeiteiJikan=99.6s,OS=1804mm
8042 2)SeiteiJikan=30.0s,OS=5mm
8043 3)SeiteiJikan=85.3s,OS=4433mm
8044 4)SeiteiJikan=64.1s,OS=5880mm
8045 5)SeiteiJikan=74.7s,OS=3897mm
8046 6)SeiteiJikan=47.2s,OS=1877mm
8047 7)SeiteiJikan=1.0s,OS=9519mm
8048 8)SeiteiJikan=1.0s,OS=13358mm
8049 9)SeiteiJikan=88.6s,OS=4319mm
8050 10)SeiteiJikan=1.0s,OS=7881mm
8051 11)SeiteiJikan=1.0s,OS=8220mm
8052 12)SeiteiJikan=1.0s,OS=7614mm
8053 13)SeiteiJikan=1.0s,OS=2197mm
8054 14)SeiteiJikan=29.3s,OS=212mm
8055 15)SeiteiJikan=35.7s,OS=535mm
8056 16)SeiteiJikan=53.4s,OS=313mm
8057 17)SeiteiJikan=71.7s,OS=2054mm
8058 18)SeiteiJikan=19.2s,OS=7mm***
8059 19)SeiteiJikan=32.0s,OS=524mm
8060 20)SeiteiJikan=39.7s,OS=112mm
8061 #####(2)Nl0ny4nu4iti4IS4#####NG
8062 1)SeiteiJikan=19.2s,OS=2mm#cr2cm10 by all-net
8063 2)SeiteiJikan=18.7s,OS=3mm#cr2cm5 by all-net
8064 3)SeiteiJikan=18.3s,OS=1mm#cr2cm100 by all-net
8065 4)SeiteiJikan=18.9s,OS=12mm#cr6cm10 by all-net
8066 5)SeiteiJikan=18.0s,OS=22mm#cr6cm5 by all-net
8067 6)SeiteiJikan=25.4s,OS=189mm#cr6cm100 by all-net
8068 7)SeiteiJikan=17.2s,OS=34mm#cr10cm10 by all-net
8069 8)SeiteiJikan=18.2s,OS=0mm#cr10cm55 by all-net
8070 9)SeiteiJikan=20.0s,OS=2mm#cr10cm100 by all-net
8071 1)SeiteiJikan=24.1s,OS=0mm#cr2cm10 by result/Nl0ny4nu4iti4IS4/cml0cr2.net
8072 2)SeiteiJikan=27.0s,OS=0mm#cr2cm5 by result/Nl0ny4nu4iti4IS4/cml0cr2.net
8073 3)SeiteiJikan=29.9s,OS=0mm#cr2cm100 by result/Nl0ny4nu4iti4IS4/cml0cr2.net
8074 4)SeiteiJikan=22.8s,OS=8mm#cr6cm10 by result/Nl0ny4nu4iti4IS4/cml0cr2.net
8075 5)SeiteiJikan=27.4s,OS=0mm#cr6cm55 by result/Nl0ny4nu4iti4IS4/cml0cr2.net
8076 6)SeiteiJikan=29.5s,OS=0mm#cr6cm100 by result/Nl0ny4nu4iti4IS4/cml0cr2.net
8077 7)SeiteiJikan=23.2s,OS=56mm#cr10cm10 by result/Nl0ny4nu4iti4IS4/cml0cr2.net
8078 8)SeiteiJikan=26.3s,OS=0mm#cr10cm55 by result/Nl0ny4nu4iti4IS4/cml0cr2.net
8079 9)SeiteiJikan=29.7s,OS=0mm#cr10cm100 by result/Nl0ny4nu4iti4IS4/cml0cr2.net
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8080 1)SeiteiJikan=16.5s,OS=91mm#cr2cm10 by result/N10ny4nu4iti4IS4/cml00cr2.net
8081 1)SeiteiJikan=17.2s,OS=67mm#cr2cm5 by result/N10ny4nu4iti4IS4/cml00cr2.net
8082 1)SeiteiJikan=17.2s,OS=1mm#cr2cm10 by result/N10ny4nu4iti4IS4/cml00cr2.net
8083 1)SeiteiJikan=16.6s,OS=88mm#cr6cm10 by result/N10ny4nu4iti4IS4/cml00cr2.net
8084 1)SeiteiJikan=16.6s,OS=56mm#cr6cm5 by result/N10ny4nu4iti4IS4/cml00cr2.net
8085 1)SeiteiJikan=16.7s,OS=78mm#cr6cm10 by result/N10ny4nu4iti4IS4/cml00cr2.net
8086 1)SeiteiJikan=25.6s,OS=150mm#cr10cm10 by result/N10ny4nu4iti4IS4/cml00cr2.net
8087 1)SeiteiJikan=15.7s,OS=42mm#cr10cm5 by result/N10ny4nu4iti4IS4/cml00cr2.net
8088 1)SeiteiJikan=16.6s,OS=26mm#cr10cm10 by result/N10ny4nu4iti4IS4/cml00cr2.net
8089 1)SeiteiJikan=23.3s,OS=0mm#cr2cm10 by result/N10ny4nu4iti4IS4/cml00cr2.net
8090 1)SeiteiJikan=24.8s,OS=3mm#cr2cm5 by result/N10ny4nu4iti4IS4/cml0cr10.net
8091 1)SeiteiJikan=50.2s,OS=723mm#cr2cm10 by result/N10ny4nu4iti4IS4/cml0cr10.net
8092 1)SeiteiJikan=22.8s,OS=11mm#cr6cm10 by result/N10ny4nu4iti4IS4/cml0cr10.net
8093 1)SeiteiJikan=25.5s,OS=48mm#cr6cm5 by result/N10ny4nu4iti4IS4/cml0cr10.net
8094 1)SeiteiJikan=30.5s,OS=381mm#cr6cm10 by result/N10ny4nu4iti4IS4/cml0cr10.net
8095 1)SeiteiJikan=22.9s,OS=39mm#cr10cm10 by result/N10ny4nu4iti4IS4/cml0cr10.net
8096 1)SeiteiJikan=28.4s,OS=12mm#cr10cm55 by result/N10ny4nu4iti4IS4/cml0cr10.net
8097 1)SeiteiJikan=49.9s,OS=730mm#cr10cm10 by result/N10ny4nu4iti4IS4/cml0cr10.net
8098 1)SeiteiJikan=17.6s,OS=50mm#cr2cm10 by result/N10ny4nu4iti4IS4/cml00cr10.net
8099 1)SeiteiJikan=22.4s,OS=150mm#cr2cm5 by result/N10ny4nu4iti4IS4/cml00cr10.net
8100 1)SeiteiJikan=13.9s,OS=66mm#cr2cm10 by result/N10ny4nu4iti4IS4/cml00cr10.net
8101 1)SeiteiJikan=24.4s,OS=112mm#cr6cm10 by result/N10ny4nu4iti4IS4/cml00cr10.net
8102 1)SeiteiJikan=16.3s,OS=85mm#cr6cm5 by result/N10ny4nu4iti4IS4/cml00cr10.net
8103 1)SeiteiJikan=20.3s,OS=156mm#cr6cm10 by result/N10ny4nu4iti4IS4/cml00cr10.net
8104 1)SeiteiJikan=25.5s,OS=119mm#cr10cm10 by result/N10ny4nu4iti4IS4/cml00cr10.net
8105 1)SeiteiJikan=17.7s,OS=36mm#cr10cm55 by result/N10ny4nu4iti4IS4/cml00cr10.net
8106 1)SeiteiJikan=19.2s,OS=7mm#cr10cm10 by result/N10ny4nu4iti4IS4/cml00cr10.net
8107
8108
#####(1)#####
Executing for result/N10ny3nu3iti2IS4/cml0cr2
8109
8110 1)SeiteiJikan=27.7s,OS=270mm
8111 2)SeiteiJikan=24.9s,OS=183mm
8112 3)SeiteiJikan=23.4s,OS=125mm
8113
8114 5)SeiteiJikan=16.5s,OS=64mm
8115 5)SeiteiJikan=19.4s,OS=64mm
8116 6)SeiteiJikan=26.4s,OS=132mm
8117 7)SeiteiJikan=28.0s,OS=196mm
8118 8)SeiteiJikan=21.1s,OS=0mm
8119 9)SeiteiJikan=16.9s,OS=0mm**
8120 1)SeiteiJikan=16.9s,OS=226mm
8121 11)SeiteiJikan=14.2s,OS=43mm
8122 12)SeiteiJikan=15.0s,OS=36mm
8123 13)SeiteiJikan=23.0s,OS=1mm
8124 14)SeiteiJikan=23.0s,OS=27mm
8125 15)SeiteiJikan=26.3s,OS=255mm
8126 16)SeiteiJikan=27.8s,OS=330mm
8127 17)SeiteiJikan=23.4s,OS=5mm
8128 18)SeiteiJikan=25.9s,OS=0mm
8129 19)SeiteiJikan=13.5s,OS=50mm
8130 20)SeiteiJikan=18.7s,OS=9mm
8131 ##### Executing for result/N10ny3nu3iti2IS4/cml00cr2
8132 1)SeiteiJikan=1.0s,OS=0mm
8133 2)SeiteiJikan=1.0s,OS=0mm
8134 3)SeiteiJikan=1.0s,OS=48944mm
8135 4)SeiteiJikan=1.0s,OS=6957mm
8136 5)SeiteiJikan=1.0s,OS=5779mm
8137 6)SeiteiJikan=75.7s,OS=5779mm
8138 7)SeiteiJikan=1.0s,OS=2525mm
8139 8)SeiteiJikan=25.7s,OS=4mm
8140 9)SeiteiJikan=16.7s,OS=3mm**?
8141 10)SeiteiJikan=1.0s,OS=328mm
8142 11)SeiteiJikan=63.3s,OS=431mm
8143 12)SeiteiJikan=32.9s,OS=0mm**
8144 13)SeiteiJikan=1.0s,OS=717mm
8145 14)SeiteiJikan=98.0s,OS=3732mm
8146 15)SeiteiJikan=65.9s,OS=4114mm
8147 16)SeiteiJikan=32.0s,OS=906mm
8148 17)SeiteiJikan=28.5s,OS=13mm
8149 18)SeiteiJikan=25.9s,OS=287mm
8150 19)SeiteiJikan=82.9s,OS=0mm
8151 20)SeiteiJikan=27.8s,OS=228mm
Executing for result/N10ny3nu3iti2IS4/cml0cr10
8152 #####
8153 1)SeiteiJikan=1.0s,OS=1106mm
8154 2)SeiteiJikan=1.0s,OS=386mm
8155 3)SeiteiJikan=36.1s,OS=133mm
8156 4)SeiteiJikan=32.6s,OS=162mm
8157 5)SeiteiJikan=26.7s,OS=293mm
8158 6)SeiteiJikan=22.7s,OS=20mm
8159 7)SeiteiJikan=27.8s,OS=53mm
8160 8)SeiteiJikan=19.2s,OS=179mm
8161 9)SeiteiJikan=25.7s,OS=318mm

8162 10)SeiteiJikan=17.6s,OS=33mm
8163 11)SeiteiJikan=23.1s,OS=34mm
8164 12)SeiteiJikan=36.5s,OS=7mm**
8165 13)SeiteiJikan=23.9s,OS=18mm
8166 14)SeiteiJikan=27.2s,OS=184mm
8167 15)SeiteiJikan=35.2s,OS=92mm
8168 16)SeiteiJikan=41.5s,OS=33mm
8169 17)SeiteiJikan=28.4s,OS=75mm
8170 18)SeiteiJikan=35.1s,OS=37mm
8171 19)SeiteiJikan=23.5s,OS=80mm
8172 20)SeiteiJikan=34.5s,OS=74mm
Executing for result/N10ny3nu3iti2IS4/cml00cr10
8173 #####
8174 1)SeiteiJikan=1.0s,OS=823mm
8175 2)SeiteiJikan=1.0s,OS=0mm
8176 3)SeiteiJikan=1.0s,OS=0mm
8177 4)SeiteiJikan=1.0s,OS=0mm
8178 5)SeiteiJikan=1.0s,OS=12907mm
8179 6)SeiteiJikan=1.0s,OS=9781mm
8180 7)SeiteiJikan=1.0s,OS=8662mm
8181 8)SeiteiJikan=1.0s,OS=9489mm
8182 9)SeiteiJikan=1.0s,OS=14582mm
8183 10)SeiteiJikan=1.0s,OS=1687mm
8184 11)SeiteiJikan=1.0s,OS=133mm
8185 12)SeiteiJikan=1.0s,OS=109mm
8186 13)SeiteiJikan=1.0s,OS=0mm
8187 14)SeiteiJikan=71.7s,OS=444mm
8188 15)SeiteiJikan=67.7s,OS=50mm**
8189 16)SeiteiJikan=1.0s,OS=834mm
8190 17)SeiteiJikan=98.1s,OS=85mm
8191 18)SeiteiJikan=1.0s,OS=2994mm
8192 19)SeiteiJikan=47.3s,OS=527mm
8193 20)SeiteiJikan=1.0s,OS=1195mm
#####(1)result for N10ny2nu2iti2IS4#####
8194 #####
Executing for result/N10ny2nu2iti2IS4/cml0cr2
8195 #####
8196 1)SeiteiJikan=17.5s,OS=100mm
8197 2)SeiteiJikan=25.5s,OS=145mm
8198 3)SeiteiJikan=24.7s,OS=130mm
8199 4)SeiteiJikan=23.7s,OS=253mm
8200 5)SeiteiJikan=16.8s,OS=34mm
8201 6)SeiteiJikan=16.0s,OS=54mm
8202 7)SeiteiJikan=23.9s,OS=344mm
8203 8)SeiteiJikan=13.2s,OS=67mm
8204 9)SeiteiJikan=21.3s,OS=0mm
8205 10)SeiteiJikan=22.6s,OS=0mm
8206 11)SeiteiJikan=17.8s,OS=0mm
8207 12)SeiteiJikan=20.5s,OS=152mm
8208 13)SeiteiJikan=20.2s,OS=0mm
8209 14)SeiteiJikan=17.7s,OS=0mm**
8210 15)SeiteiJikan=13.4s,OS=0mm**
8211 16)SeiteiJikan=22.6s,OS=0mm
8212 17)SeiteiJikan=15.4s,OS=42mm
8213 18)SeiteiJikan=13.7s,OS=7mm
8214 19)SeiteiJikan=13.0s,OS=73mm
8215 20)SeiteiJikan=18.1s,OS=0mm
Executing for result/N10ny2nu2iti2IS4/cml00cr2
8216 #####
8217 1)SeiteiJikan=1.0s,OS=3480mm
8218 2)SeiteiJikan=1.0s,OS=1330mm
8219 3)SeiteiJikan=21.9s,OS=18mm
8220 4)SeiteiJikan=16.2s,OS=0mm**
8221 5)SeiteiJikan=26.1s,OS=0mm
8222 6)SeiteiJikan=34.7s,OS=0mm
8223 7)SeiteiJikan=1.0s,OS=0mm
8224 8)SeiteiJikan=35.7s,OS=0mm
8225 9)SeiteiJikan=55.8s,OS=0mm
8226 10)SeiteiJikan=23.1s,OS=0mm
8227 11)SeiteiJikan=1.0s,OS=277mm
8228 12)SeiteiJikan=63.3s,OS=0mm
8229 13)SeiteiJikan=68.9s,OS=0mm
8230 14)SeiteiJikan=46.5s,OS=0mm
8231 15)SeiteiJikan=44.2s,OS=0mm
8232 16)SeiteiJikan=73.6s,OS=408mm
8233 17)SeiteiJikan=28.6s,OS=45mm
8234 18)SeiteiJikan=97.6s,OS=500mm
8235 19)SeiteiJikan=57.2s,OS=212mm
8236 20)SeiteiJikan=1.0s,OS=682mm
Executing for result/N10ny2nu2iti2IS4/cml0cr10
8237 #####
8238 1)SeiteiJikan=28.4s,OS=33mm
8239 2)SeiteiJikan=17.3s,OS=97mm
8240 3)SeiteiJikan=25.6s,OS=106mm
8241 4)SeiteiJikan=26.2s,OS=129mm
8242 5)SeiteiJikan=22.8s,OS=79mm
8243 6)SeiteiJikan=22.5s,OS=59mm

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8244 7)SeiteiJikan=31.0s,OS=106mm
8245 8)SeiteiJikan=21.7s,OS=44mm
8246 9)SeiteiJikan=22.5s,OS=19mm
8247 10)SeiteiJikan=24.3s,OS=10mm***
8248 11)SeiteiJikan=21.7s,OS=56mm
8249 12)SeiteiJikan=22.4s,OS=90mm
8250 13)SeiteiJikan=20.2s,OS=1151mm
8251 14)SeiteiJikan=16.7s,OS=22mm
8252 15)SeiteiJikan=18.0s,OS=71mm
8253 16)SeiteiJikan=25.1s,OS=100mm
8254 17)SeiteiJikan=32.7s,OS=218mm
8255 18)SeiteiJikan=25.3s,OS=110mm
8256 19)SeiteiJikan=17.9s,OS=83mm
8257 20)SeiteiJikan=32.7s,OS=170mm
##### Executing for result/N10ny2nu4iti2IS4/cml100cr10
8259 1)SeiteiJikan=1.0s,OS=943mm
8260 2)SeiteiJikan=33.7s,OS=1458mm
8261 3)SeiteiJikan=95.3s,OS=195mm
8262 4)SeiteiJikan=30.2s,OS=113mm
8263 5)SeiteiJikan=19.6s,OS=0mm***
8264 6)SeiteiJikan=25.8s,OS=0mm
8265 7)SeiteiJikan=36.9s,OS=56mm
8266 8)SeiteiJikan=1.0s,OS=385mm
8267 9)SeiteiJikan=34.2s,OS=71mm
8268 10)SeiteiJikan=26.2s,OS=0mm
8269 11)SeiteiJikan=31.0s,OS=0mm
8270 12)SeiteiJikan=38.1s,OS=0mm
8271 13)SeiteiJikan=34.3s,OS=0mm
8272 14)SeiteiJikan=35.1s,OS=74mm
8273 15)SeiteiJikan=36.0s,OS=28mm
8274 16)SeiteiJikan=35.8s,OS=2mm
8275 17)SeiteiJikan=80.6s,OS=0mm
8276 18)SeiteiJikan=50.5s,OS=0mm
8277 19)SeiteiJikan=26.5s,OS=0mm
8278 20)SeiteiJikan=25.6s,OS=21mm
8279 #####
8280 #####(1)#####
8281 ##### Executing for result/N10ny4nu4iti2IS4/cml100cr2
8282 1)SeiteiJikan=31.5s,OS=102mm
8283 2)SeiteiJikan=27.7s,OS=13mm
8284 3)SeiteiJikan=23.4s,OS=110mm
8285 4)SeiteiJikan=16.7s,OS=77mm
8286 5)SeiteiJikan=17.0s,OS=77mm
8287 6)SeiteiJikan=16.8s,OS=91mm
8288 7)SeiteiJikan=27.7s,OS=143mm
8289 8)SeiteiJikan=28.8s,OS=397mm
8290 9)SeiteiJikan=26.6s,OS=132mm
8291 10)SeiteiJikan=22.5s,OS=116mm
8292 11)SeiteiJikan=25.0s,OS=123mm
8293 12)SeiteiJikan=24.2s,OS=12mm
8294 13)SeiteiJikan=24.8s,OS=144mm
8295 14)SeiteiJikan=16.4s,OS=2mm***
8296 16)SeiteiJikan=16.7s,OS=59mm
8297 17)SeiteiJikan=19.3s,OS=45mm
8298 18)SeiteiJikan=18.8s,OS=38mm
8299 19)SeiteiJikan=18.8s,OS=38mm
8300 20)SeiteiJikan=31.1s,OS=179mm
##### Executing for result/N10ny4nu4iti2/cml100cr2
8301 #####
8302 1)SeiteiJikan=44.2s,OS=261mm
8303 2)SeiteiJikan=29.5s,OS=318mm
8304 3)SeiteiJikan=23.9s,OS=276mm
8305 4)SeiteiJikan=24.2s,OS=243mm
8306 5)SeiteiJikan=15.3s,OS=68mm
8307 6)SeiteiJikan=26.4s,OS=149mm
8308 7)SeiteiJikan=24.2s,OS=162mm
8309 8)SeiteiJikan=16.6s,OS=81mm
8310 9)SeiteiJikan=22.3s,OS=188mm
8311 10)SeiteiJikan=21.8s,OS=125mm
8312 11)SeiteiJikan=23.4s,OS=132mm
8313 12)SeiteiJikan=26.2s,OS=132mm
8314 13)SeiteiJikan=26.1s,OS=146mm
8315 14)SeiteiJikan=26.2s,OS=149mm
8316 15)SeiteiJikan=18.3s,OS=68mm***
8317 16)SeiteiJikan=24.3s,OS=193mm
8318 17)SeiteiJikan=20.1s,OS=218mm
8319 18)SeiteiJikan=16.0s,OS=73mm
8320 19)SeiteiJikan=24.9s,OS=124mm
8321 20)SeiteiJikan=25.8s,OS=146mm
8322 ##### Executing for result/N10ny4nu4iti2/cml100cr10
8323 1)SeiteiJikan=97.5s,OS=653mm
8324 2)SeiteiJikan=1.0s,OS=1732mm
8325 3)SeiteiJikan=36.3s,OS=652mm
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8326 4)SeiteiJikan=22.9s,OS=97mm
8327 5)SeiteiJikan=22.5s,OS=244mm
8328 6)SeiteiJikan=32.5s,OS=167mm
8329 7)SeiteiJikan=37.7s,OS=355mm
8330 8)SeiteiJikan=47.1s,OS=14mm
8331 9)SeiteiJikan=35.1s,OS=30mm
8332 10)SeiteiJikan=40.6s,OS=45mm
8333 11)SeiteiJikan=23.3s,OS=101mm
8334 12)SeiteiJikan=21.3s,OS=185mm
8335 13)SeiteiJikan=34.9s,OS=36mm
8336 14)SeiteiJikan=35.6s,OS=1mm***
8337 15)SeiteiJikan=19.7s,OS=356mm
8338 16)SeiteiJikan=32.9s,OS=557mm
8339 17)SeiteiJikan=28.6s,OS=44mm
8340 18)SeiteiJikan=29.4s,OS=16mm
8341 19)SeiteiJikan=35.8s,OS=25mm
8342 20)SeiteiJikan=35.1s,OS=41mm
##### Executing for result/N10ny4nu4iti2/cml100cr10
8343 1)SeiteiJikan=99.6s,OS=1804mm
8344 2)SeiteiJikan=30.0s,OS=3mm
8345 3)SeiteiJikan=85.3s,OS=4433mm
8346 4)SeiteiJikan=1.0s,OS=11437mm
8347 5)SeiteiJikan=53.8s,OS=2173mm
8348 6)SeiteiJikan=96.3s,OS=7272mm
8349 7)SeiteiJikan=33.1s,OS=495mm
8350 8)SeiteiJikan=21.3s,OS=192mm
8351 9)SeiteiJikan=23.2s,OS=397mm
8352 10)SeiteiJikan=1.0s,OS=66mm
8353 11)SeiteiJikan=30.3s,OS=477mm
8354 12)SeiteiJikan=30.9s,OS=0mm
8355 13)SeiteiJikan=25.1s,OS=8mm
8356 14)SeiteiJikan=30.5s,OS=0mm***
8357 15)SeiteiJikan=49.2s,OS=194mm
8358 16)SeiteiJikan=35.4s,OS=0mm
8359 17)SeiteiJikan=50.1s,OS=0mm
8360 18)SeiteiJikan=56.5s,OS=3929mm
8361 19)SeiteiJikan=1.0s,OS=1006mm
8362 20)SeiteiJikan=36.6s,OS=190mm
8363 #####
8364 ##### Executing for result/N10ny4nu4iti2/cml100cr2
8365 1)SeiteiJikan=1.0s,OS=790mm
8366 2)SeiteiJikan=1.0s,OS=1024mm
8367 3)SeiteiJikan=1.0s,OS=3307mm
8368 #####
8369 #####(1)result for N10ny4nu2iti2#####
8370 ##### Executing for result/N10ny4nu4iti2/cml100cr2
8371 #####
8372 1)SeiteiJikan=31.5s,OS=102mm
8373 2)SeiteiJikan=27.7s,OS=13mm
8374 3)SeiteiJikan=23.4s,OS=110mm
8375 4)SeiteiJikan=16.7s,OS=77mm
8376 5)SeiteiJikan=17.0s,OS=77mm
8377 6)SeiteiJikan=16.8s,OS=91mm
8378 7)SeiteiJikan=27.7s,OS=143mm
8379 8)SeiteiJikan=28.8s,OS=397mm
8380 9)SeiteiJikan=26.6s,OS=132mm
8381 10)SeiteiJikan=22.5s,OS=116mm
8382 11)SeiteiJikan=25.0s,OS=123mm
8383 12)SeiteiJikan=24.2s,OS=12mm
8384 13)SeiteiJikan=24.8s,OS=144mm
8385 14)SeiteiJikan=16.4s,OS=2mm
8386 15)SeiteiJikan=18.6s,OS=0mm***
8387 16)SeiteiJikan=16.7s,OS=59mm
8388 17)SeiteiJikan=19.3s,OS=45mm
8389 18)SeiteiJikan=17.7s,OS=53mm
8390 19)SeiteiJikan=18.8s,OS=38mm
8391 20)SeiteiJikan=31.1s,OS=179mm
##### Executing for result/N10ny4nu4iti2/cml100cr2
8392 #####
8393 1)SeiteiJikan=44.2s,OS=261mm
8394 2)SeiteiJikan=29.5s,OS=318mm
8395 3)SeiteiJikan=23.9s,OS=276mm
8396 4)SeiteiJikan=24.2s,OS=243mm
8397 5)SeiteiJikan=15.3s,OS=68mm***
8398 6)SeiteiJikan=26.4s,OS=149mm
8399 7)SeiteiJikan=24.2s,OS=162mm
8400 8)SeiteiJikan=16.6s,OS=81mm
8401 9)SeiteiJikan=22.3s,OS=188mm
8402 10)SeiteiJikan=21.8s,OS=125mm
8403 11)SeiteiJikan=23.4s,OS=132mm
8404 12)SeiteiJikan=26.2s,OS=132mm
8405 13)SeiteiJikan=26.1s,OS=146mm
8406 14)SeiteiJikan=26.2s,OS=149mm
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8408 15)SeiteiJikan=18.3s,OS=68mm
8409 16)SeiteiJikan=24.3s,OS=193mm
8410 17)SeiteiJikan=20.1s,OS=218mm
8411 18)SeiteiJikan=16.0s,OS=73mm
8412 19)SeiteiJikan=24.9s,OS=124mm
8413 20)SeiteiJikan=25.8s,OS=146mm
8414 ##### Executing for result N10ny4nu4iti2/cml0cr10
8415 1)SeiteiJikan=97.5s,OS=653mm
8416 2)SeiteiJikan=1.0s,OS=1732mm
8417 3)SeiteiJikan=36.3s,OS=652mm
8418 4)SeiteiJikan=22.9s,OS=97mm
8419 5)SeiteiJikan=22.5s,OS=244mm
8420 6)SeiteiJikan=32.5s,OS=167mm
8421 7)SeiteiJikan=37.7s,OS=355mm
8422 8)SeiteiJikan=47.1s,OS=14mm
8423 9)SeiteiJikan=35.1s,OS=30mm
8424 10)SeiteiJikan=40.6s,OS=45mm
8425 11)SeiteiJikan=23.3s,OS=101mm
8426 12)SeiteiJikan=21.3s,OS=185mm
8427 13)SeiteiJikan=34.9s,OS=36mm
8428 14)SeiteiJikan=35.6s,OS=1mm***
8429 15)SeiteiJikan=19.7s,OS=356mm
8430 16)SeiteiJikan=32.9s,OS=557mm
8431 17)SeiteiJikan=28.6s,OS=44mm
8432 18)SeiteiJikan=29.4s,OS=16mm
8433 19)SeiteiJikan=35.8s,OS=25mm
8434 20)SeiteiJikan=35.1s,OS=41mm
8435 ##### Executing for result N10ny4nu4iti2/cml00cr10
8436 1)SeiteiJikan=99.6s,OS=1804mm
8437 2)SeiteiJikan=30.0s,OS=3mm
8438 3)SeiteiJikan=85.3s,OS=4433mm
8439 4)SeiteiJikan=1.0s,OS=11437mm
8440 5)SeiteiJikan=53.8s,OS=2173mm
8441 6)SeiteiJikan=96.3s,OS=7272mm
8442 7)SeiteiJikan=33.1s,OS=495mm
8443 8)SeiteiJikan=21.3s,OS=192mm
8444 9)SeiteiJikan=23.2s,OS=397mm
8445 10)SeiteiJikan=1.0s,OS=66mm
8446 11)SeiteiJikan=30.3s,OS=477mm
8447 12)SeiteiJikan=30.9s,OS=0mm
8448 13)SeiteiJikan=25.1s,OS=8mm
8449 14)SeiteiJikan=30.5s,OS=0mm***
8450 15)SeiteiJikan=49.2s,OS=194mm
8451 16)SeiteiJikan=35.4s,OS=0mm
8452 17)SeiteiJikan=50.1s,OS=0mm
8453 18)SeiteiJikan=56.5s,OS=3929mm
8454 19)SeiteiJikan=1.0s,OS=1006mm
8455 20)SeiteiJikan=36.6s,OS=190mm
8456 #####
8457 #####(1)result for N10ny2nu2iti2#####Best???

8458 ##### Executing for result N10ny2nu2/cml0cr2

8459 1)SeiteiJikan=17.5s,OS=100mm
8460 2)SeiteiJikan=25.5s,OS=145mm
8461 3)SeiteiJikan=24.7s,OS=130mm
8462 4)SeiteiJikan=23.7s,OS=153mm
8463 5)SeiteiJikan=16.8s,OS=34mm
8464 6)SeiteiJikan=16.0s,OS=54mm
8465 7)SeiteiJikan=23.9s,OS=344mm
8466 8)SeiteiJikan=13.2s,OS=67mm
8467 9)SeiteiJikan=21.3s,OS=0mm
8468 10)SeiteiJikan=22.6s,OS=0mm
8469 11)SeiteiJikan=17.8s,OS=0mm
8470 12)SeiteiJikan=20.5s,OS=152mm
8471 13)SeiteiJikan=20.2s,OS=0mm
8472 14)SeiteiJikan=17.7s,OS=0mm
8473 15)SeiteiJikan=13.4s,OS=0mm*** (SOS:SmallerOS)
8474 16)SeiteiJikan=22.6s,OS=0mm
8475 17)SeiteiJikan=15.4s,OS=42mm
8476 18)SeiteiJikan=13.7s,OS=7mm
8477 19)SeiteiJikan=13.0s,OS=73mm+++ (SST:SmallerST)
8478 20)SeiteiJikan=18.1s,OS=0mm
8479 ##### Executing for result N10ny2nu2/cml00cr2
8480 1)SeiteiJikan=1.0s,OS=3480mm
8481 2)SeiteiJikan=1.0s,OS=1330mm
8482 3)SeiteiJikan=21.9s,OS=18mm
8483 4)SeiteiJikan=16.2s,OS=0mm****
8484 5)SeiteiJikan=26.1s,OS=0mm
8485 6)SeiteiJikan=34.7s,OS=0mm
8486 7)SeiteiJikan=1.0s,OS=0mm
8487 8)SeiteiJikan=35.7s,OS=0mm
8488 9)SeiteiJikan=55.8s,OS=0mm
8489 10)SeiteiJikan=23.1s,OS=0mm

8490 11)SeiteiJikan=-1.0s,OS=277mm
8491 12)SeiteiJikan=63.3s,OS=0mm
8492 13)SeiteiJikan=68.9s,OS=0mm
8493 14)SeiteiJikan=46.5s,OS=0mm
8494 15)SeiteiJikan=44.2s,OS=0mm
8495 16)SeiteiJikan=73.6s,OS=408mm
8496 17)SeiteiJikan=28.6s,OS=45mm
8497 18)SeiteiJikan=97.6s,OS=500mm
8498 19)SeiteiJikan=57.2s,OS=212mm
8499 20)SeiteiJikan=-1.0s,OS=682mm
8500 ##### Executing for result N10ny2nu2/cml0cr10
8501 1)SeiteiJikan=28.4s,OS=33mm
8502 2)SeiteiJikan=17.3s,OS=97mm
8503 3)SeiteiJikan=25.6s,OS=106mm
8504 4)SeiteiJikan=26.2s,OS=129mm
8505 5)SeiteiJikan=22.8s,OS=79mm
8506 6)SeiteiJikan=22.5s,OS=59mm
8507 7)SeiteiJikan=31.0s,OS=106mm
8508 8)SeiteiJikan=21.7s,OS=44mm
8509 9)SeiteiJikan=17.9s,OS=19mm
8510 10)SeiteiJikan=24.3s,OS=10mm***
8511 11)SeiteiJikan=21.7s,OS=56mm
8512 12)SeiteiJikan=22.4s,OS=90mm
8513 13)SeiteiJikan=20.2s,OS=1151mm
8514 14)SeiteiJikan=16.7s,OS=22mm+++
8515 15)SeiteiJikan=18.0s,OS=71mm
8516 16)SeiteiJikan=25.1s,OS=100mm
8517 17)SeiteiJikan=32.7s,OS=218mm
8518 18)SeiteiJikan=25.3s,OS=110mm
8519 19)SeiteiJikan=17.9s,OS=83mm
8520 20)SeiteiJikan=32.7s,OS=170mm
8521 ##### Executing for result N10ny2nu2/cml00cr10
8522 1)SeiteiJikan=1.0s,OS=943mm
8523 2)SeiteiJikan=33.7s,OS=1258mm
8524 3)SeiteiJikan=95.3s,OS=1955mm
8525 4)SeiteiJikan=30.2s,OS=113mm
8526 5)SeiteiJikan=19.6s,OS=0mm****
8527 6)SeiteiJikan=25.8s,OS=0mm
8528 7)SeiteiJikan=36.9s,OS=56mm
8529 8)SeiteiJikan=1.0s,OS=385mm
8530 9)SeiteiJikan=34.2s,OS=71mm
8531 10)SeiteiJikan=26.2s,OS=0mm
8532 11)SeiteiJikan=31.0s,OS=0mm
8533 12)SeiteiJikan=38.1s,OS=0mm
8534 13)SeiteiJikan=34.3s,OS=0mm
8535 14)SeiteiJikan=35.1s,OS=74mm
8536 15)SeiteiJikan=36.0s,OS=28mm
8537 16)SeiteiJikan=35.8s,OS=2mm
8538 17)SeiteiJikan=80.6s,OS=0mm
8539 18)SeiteiJikan=50.5s,OS=0mm
8540 19)SeiteiJikan=26.5s,OS=0mm
8541 20)SeiteiJikan=25.6s,OS=21mm
8542 #####(2)result for N10ny2nu2iti2#####Best?

8543 1)SeiteiJikan=21.8s,OS=0mm#cr2cm10 by all-net

8544 1)SeiteiJikan=24.8s,OS=0mm#cr2cm55 by all-net
8545 1)SeiteiJikan=21.6s,OS=0mm#cr2cm100 by all-net
8546 1)SeiteiJikan=19.1s,OS=4mm#cr6cm10 by all-net
8547 1)SeiteiJikan=22.8s,OS=0mm#cr6cm55 by all-net
8548 1)SeiteiJikan=18.1s,OS=4mm#cr6cm100 by all-net
8549 1)SeiteiJikan=22.9s,OS=7mm#cr10cm10 by all-net
8550 1)SeiteiJikan=23.4s,OS=0mm#cr10cm55 by all-net
8551 1)SeiteiJikan=18.4s,OS=0mm#cr10cm100 by all-net
8552 #
8553 1)SeiteiJikan=13.4s,OS=0mm#cr2cm10 by result N10ny2nu2iti2/cml0cr2.net
8554 1)SeiteiJikan=13.8s,OS=0mm#cr2cm55 by result N10ny2nu2iti2/cml0cr2.net
8555 1)SeiteiJikan=20.9s,OS=497mm#cr2cm100 by result N10ny2nu2iti2/cml0cr2.net
8556 1)SeiteiJikan=17.7s,OS=2mm#cr6cm10 by result N10ny2nu2iti2/cml0cr2.net
8557 1)SeiteiJikan=16.7s,OS=290mm#cr6cm55 by result N10ny2nu2iti2/cml0cr2.net
8558 1)SeiteiJikan=25.7s,OS=711mm#cr6cm100 by result N10ny2nu2iti2/cml0cr2.net
8559 1)SeiteiJikan=11.3s,OS=61mm#cr10cm10 by result N10ny2nu2iti2/cml0cr2.net
8560 1)SeiteiJikan=21.4s,OS=0mm#cr10cm55 by result N10ny2nu2iti2/cml0cr2.net
8561 1)SeiteiJikan=25.8s,OS=539mm#cr10cm100 by result N10ny2nu2iti2/cml0cr2.net
8562 #
8563 1)SeiteiJikan=18.5s,OS=2mm#cr2cm10 by result N10ny2nu2iti2/cml00cr2.net
8564 1)SeiteiJikan=18.2s,OS=0mm#cr2cm55 by result N10ny2nu2iti2/cml00cr2.net
8565 1)SeiteiJikan=16.2s,OS=0mm#cr2cm100 by result N10ny2nu2iti2/cml00cr2.net
8566 1)SeiteiJikan=18.3s,OS=1mm#cr6cm10 by result N10ny2nu2iti2/cml00cr2.net
8567 1)SeiteiJikan=16.8s,OS=3mm#cr6cm55 by result N10ny2nu2iti2/cml00cr2.net
8568 1)SeiteiJikan=17.1s,OS=0mm#cr6cm100 by result N10ny2nu2iti2/cml00cr2.net
8569 1)SeiteiJikan=17.8s,OS=36mm#cr10cm55 by result N10ny2nu2iti2/cml00cr2.net
8570 1)SeiteiJikan=16.8s,OS=2mm#cr10cm55 by result N10ny2nu2iti2/cml00cr2.net
8571 1)SeiteiJikan=16.8s,OS=56mm#cr10cm100 by result N10ny2nu2iti2/cml00cr2.net

8572 # 1)SeiteiJikan=25.5s,OS=0mm#cr2cm10 by result/N10ny2nu2iti2/cml0ocr10.net
8573 1)SeiteiJikan=26.3s,OS=0mm#cr2cm5 by result/N10ny2nu2iti2/cml0ocr10.net
8574 1)SeiteiJikan=26.3s,OS=0mm#cr2cm5 by result/N10ny2nu2iti2/cml0ocr10.net
8575 1)SeiteiJikan=27.3s,OS=0mm#cr2cm10 by result/N10ny2nu2iti2/cml0ocr10.net
8576 1)SeiteiJikan=26.2s,OS=1mm#cr6cm10 by result/N10ny2nu2iti2/cml0ocr10.net
8577 1)SeiteiJikan=26.7s,OS=0mm#cr6cm5 by result/N10ny2nu2iti2/cml0ocr10.net
8578 1)SeiteiJikan=26.7s,OS=0mm#cr6cm5 by result/N10ny2nu2iti2/cml0ocr10.net
8579 1)SeiteiJikan=24.3s,OS=10mm#cr10cm10 by result/N10ny2nu2iti2/cml0ocr10.net
8580 1)SeiteiJikan=26.1s,OS=0mm#cr10cm5 by result/N10ny2nu2iti2/cml0ocr10.net
8581 1)SeiteiJikan=26.4s,OS=0mm#cr10cm10 by result/N10ny2nu2iti2/cml0ocr10.net
8582 # 1)SeiteiJikan=22.0s,OS=0mm#cr2cm10 by result/N10ny2nu2iti2/cml0ocr10.net
8583 1)SeiteiJikan=17.9s,OS=12mm#cr2cm5 by result/N10ny2nu2iti2/cml0ocr10.net
8584 1)SeiteiJikan=26.1s,OS=0mm#cr2cm10 by result/N10ny2nu2iti2/cml0ocr10.net
8585 1)SeiteiJikan=26.1s,OS=0mm#cr2cm10 by result/N10ny2nu2iti2/cml0ocr10.net
8586 1)SeiteiJikan=17.7s,OS=48mm#cr6cm10 by result/N10ny2nu2iti2/cml0ocr10.net
8587 1)SeiteiJikan=24.4s,OS=0mm#cr6cm5 by result/N10ny2nu2iti2/cml0ocr10.net
8588 1)SeiteiJikan=28.3s,OS=0mm#cr6cm10 by result/N10ny2nu2iti2/cml0ocr10.net
8589 1)SeiteiJikan=22.3s,OS=6mm#cr10cm10 by result/N10ny2nu2iti2/cml0ocr10.net
8590 1)SeiteiJikan=25.0s,OS=0mm#cr10cm5 by result/N10ny2nu2iti2/cml0ocr10.net
8591 1)SeiteiJikan=19.6s,OS=0mm#cr10cm10 by result/N10ny2nu2iti2/cml0ocr10.net
8592 #####(2)result for N10ny2nu2iti2sst#####
8593 1)SeiteiJikan=18.3s,OS=2mm#cr2cm10 by all-net
8594 1)SeiteiJikan=16.7s,OS=0mm#cr2cm5 by all-net
8595 1)SeiteiJikan=22.5s,OS=0mm#cr2cm10 by all-net
8596 1)SeiteiJikan=13.5s,OS=82mm#cr6cm10 by all-net
8597 1)SeiteiJikan=19.5s,OS=0mm#cr6cm5 by all-net
8598 1)SeiteiJikan=18.0s,OS=0mm#cr6cm10 by all-net
8599 1)SeiteiJikan=17.3s,OS=44mm#cr10cm10 by all-net
8600 1)SeiteiJikan=20.1s,OS=133mm#cr10cm5 by all-net
8601 1)SeiteiJikan=15.4s,OS=48mm#cr10cm100 by all-net
8602 # 1)SeiteiJikan=13.0s,OS=73mm#cr2cm10 by result/N10ny2nu2iti2sst/cml0ocr2.net
8603 1)SeiteiJikan=13.6s,OS=41mm#cr2cm5 by result/N10ny2nu2iti2sst/cml0ocr2.net
8604 1)SeiteiJikan=22.1s,OS=432mm#cr2cm100 by result/N10ny2nu2iti2sst/cml0ocr2.net
8605 1)SeiteiJikan=19.4s,OS=110mm#cr6cm10 by result/N10ny2nu2iti2sst/cml0ocr2.net
8606 1)SeiteiJikan=12.7s,OS=32mm#cr6cm5 by result/N10ny2nu2iti2sst/cml0ocr2.net
8607 1)SeiteiJikan=21.0s,OS=526mm#cr6cm100 by result/N10ny2nu2iti2sst/cml0ocr2.net
8608 1)SeiteiJikan=20.0s,OS=219mm#cr10cm10 by result/N10ny2nu2iti2sst/cml0ocr2.net
8609 1)SeiteiJikan=20.7s,OS=338mm#cr10cm5 by result/N10ny2nu2iti2sst/cml0ocr2.net
8610 1)SeiteiJikan=23.0s,OS=707mm#cr10cm100 by result/N10ny2nu2iti2sst/cml0ocr2.net
8611 1)SeiteiJikan=18.5s,OS=2mm#cr2cm10 by result/N10ny2nu2iti2sst/cml0ocr2.net
8612 1)SeiteiJikan=18.5s,OS=0mm#cr2cm5 by result/N10ny2nu2iti2sst/cml0ocr2.net
8613 1)SeiteiJikan=16.2s,OS=0mm#cr2cm100 by result/N10ny2nu2iti2sst/cml0ocr2.net
8614 1)SeiteiJikan=18.3s,OS=11mm#cr6cm10 by result/N10ny2nu2iti2sst/cml0ocr2.net
8615 1)SeiteiJikan=16.8s,OS=3mm#cr6cm5 by result/N10ny2nu2iti2sst/cml0ocr2.net
8616 1)SeiteiJikan=17.1s,OS=0mm#cr6cm100 by result/N10ny2nu2iti2sst/cml0ocr2.net
8617 1)SeiteiJikan=17.8s,OS=36mm#cr6cm10 by result/N10ny2nu2iti2sst/cml0ocr2.net
8618 1)SeiteiJikan=16.8s,OS=56mm#cr10cm10 by result/N10ny2nu2iti2sst/cml0ocr2.net
8619 1)SeiteiJikan=16.8s,OS=2mm#cr10cm5 by result/N10ny2nu2iti2sst/cml0ocr2.net
8620 1)SeiteiJikan=20.2s,OS=143mm#cr2cm10 by result/N10ny2nu2iti2sst/cml0ocr2.net
8621 1)SeiteiJikan=16.6s,OS=0mm#cr2cm5 by result/N10ny2nu2iti2sst/cml0ocr10.net
8622 1)SeiteiJikan=14.3s,OS=233mm#cr2cm100 by result/N10ny2nu2iti2sst/cml0ocr10.net
8623 1)SeiteiJikan=21.9s,OS=30mm#cr6cm10 by result/N10ny2nu2iti2sst/cml0ocr10.net
8624 1)SeiteiJikan=18.0s,OS=192mm#cr6cm5 by result/N10ny2nu2iti2sst/cml0ocr10.net
8625 1)SeiteiJikan=19.4s,OS=240mm#cr6cm10 by result/N10ny2nu2iti2sst/cml0ocr10.net
8626 1)SeiteiJikan=16.7s,OS=22mm#cr10cm10 by result/N10ny2nu2iti2sst/cml0ocr10.net
8627 1)SeiteiJikan=13.2s,OS=52mm#cr10cm5 by result/N10ny2nu2iti2sst/cml0ocr10.net
8628 1)SeiteiJikan=19.7s,OS=285mm#cr10cm100 by result/N10ny2nu2iti2sst/cml0ocr10.net
8629 1)SeiteiJikan=22.0s,OS=0mm#cr2cm10 by result/N10ny2nu2iti2sst/cml0ocr10.net
8630 1)SeiteiJikan=17.9s,OS=12mm#cr2cm5 by result/N10ny2nu2iti2sst/cml0ocr10.net
8631 1)SeiteiJikan=26.1s,OS=0mm#cr2cm100 by result/N10ny2nu2iti2sst/cml0ocr10.net
8632 1)SeiteiJikan=17.7s,OS=48mm#cr6cm10 by result/N10ny2nu2iti2sst/cml0ocr10.net
8633 1)SeiteiJikan=24.4s,OS=0mm#cr6cm5 by result/N10ny2nu2iti2sst/cml0ocr10.net
8634 1)SeiteiJikan=28.3s,OS=0mm#cr6cm10 by result/N10ny2nu2iti2sst/cml0ocr10.net
8635 1)SeiteiJikan=22.5s,OS=6mm#cr10cm10 by result/N10ny2nu2iti2sst/cml0ocr10.net
8636 1)SeiteiJikan=25.0s,OS=0mm#cr10cm5 by result/N10ny2nu2iti2sst/cml0ocr10.net
8637 1)SeiteiJikan=19.6s,OS=0mm#cr10cm10 by result/N10ny2nu2iti2sst/cml0ocr10.net
8638 1)SeiteiJikan=26.1s,OS=0mm#cr10cm100 by result/N10ny2nu2iti2sst/cml0ocr10.net
8639 1)SeiteiJikan=26.1s,OS=0mm#cr2cm5 by result/N10ny2nu2iti2sst/cml0ocr10.net
8640 8641 8642 8643 8644 8645 8646 8647 8648 8649 8650

#####result for N5ny2nu2 iti=4 #####
Executing for result/N5ny2nu2/cml0cr2

8654 1)SeiteiJikan=25.5s,OS=127mm
8655 2)SeiteiJikan=22.1s,OS=110mm
8656 3)SeiteiJikan=20.9s,OS=101mm
8657 4)SeiteiJikan=26.0s,OS=143mm
8658 5)SeiteiJikan=15.3s,OS=66mm
8659 6)SeiteiJikan=20.9s,OS=144mm
8660 7)SeiteiJikan=13.4s,OS=72mm
8661 8)SeiteiJikan=13.3s,OS=85mm
8662 9)SeiteiJikan=24.2s,OS=262mm
8663 10)SeiteiJikan=15.6s,OS=18mm
8664 11)SeiteiJikan=13.6s,OS=0mm***
8665 12)SeiteiJikan=15.1s,OS=0mm
8666 13)SeiteiJikan=20.3s,OS=253mm
8667 14)SeiteiJikan=16.2s,OS=2mm
8668 15)SeiteiJikan=19.9s,OS=164mm
8669 16)SeiteiJikan=21.1s,OS=162mm
8670 17)SeiteiJikan=17.1s,OS=7mm
8671 18)SeiteiJikan=13.0s,OS=74mm
8672 19)SeiteiJikan=13.4s,OS=91mm
8673 20)SeiteiJikan=20.6s,OS=34mm
8674 ##### Executing for result/N5ny2nu2/cml00cr2
8675 1)SeiteiJikan=1.0s,OS=3648mm
8676 2)SeiteiJikan=38.7s,OS=0mm
8677 3)SeiteiJikan=32.4s,OS=5mm
8678 4)SeiteiJikan=34.0s,OS=0mm
8679 5)SeiteiJikan=33.2s,OS=0mm
8680 6)SeiteiJikan=35.2s,OS=0mm
8681 7)SeiteiJikan=24.2s,OS=7mm
8682 8)SeiteiJikan=31.3s,OS=0mm***
8683 9)SeiteiJikan=31.8s,OS=251mm
8684 10)SeiteiJikan=14.7s,OS=78mm
8685 11)SeiteiJikan=16.8s,OS=26mm
8686 12)SeiteiJikan=39.9s,OS=277mm
8687 13)SeiteiJikan=27.2s,OS=21mm
8688 14)SeiteiJikan=27.9s,OS=0mm
8689 15)SeiteiJikan=27.3s,OS=26mm
8690 16)SeiteiJikan=26.5s,OS=0mm
8691 17)SeiteiJikan=1.0s,OS=202mm
8692 18)SeiteiJikan=1.0s,OS=0mm
8693 19)SeiteiJikan=1.0s,OS=360mm
8694 20)SeiteiJikan=1.0s,OS=125mm
8695 ##### Executing for result/N5ny2nu2/cml0cr10
8696 1)SeiteiJikan=25.7s,OS=115mm***
8697 2)SeiteiJikan=26.1s,OS=123mm
8698 3)SeiteiJikan=26.4s,OS=163mm
8699 4)SeiteiJikan=26.3s,OS=149mm
8700 5)SeiteiJikan=26.2s,OS=122mm
8701 6)SeiteiJikan=20.8s,OS=217mm
8702 7)SeiteiJikan=19.7s,OS=165mm
8703 8)SeiteiJikan=20.0s,OS=199mm
8704 9)SeiteiJikan=20.0s,OS=163mm
8705 10)SeiteiJikan=22.3s,OS=286mm
8706 11)SeiteiJikan=22.3s,OS=2227mm
8707 12)SeiteiJikan=25.4s,OS=288mm
8708 13)SeiteiJikan=25.3s,OS=262mm
8709 14)SeiteiJikan=20.9s,OS=254mm
8710 15)SeiteiJikan=19.7s,OS=127mm
8711 16)SeiteiJikan=25.7s,OS=202mm
8712 17)SeiteiJikan=20.2s,OS=129mm
8713 18)SeiteiJikan=21.1s,OS=276mm
8714 19)SeiteiJikan=19.5s,OS=209mm
8715 20)SeiteiJikan=20.5s,OS=530mm
8716 ##### Executing for result/N5ny2nu2/cml00cr10
8717 1)SeiteiJikan=32.6s,OS=48mm
8718 2)SeiteiJikan=31.9s,OS=0mm
8719 3)SeiteiJikan=34.0s,OS=0mm
8720 4)SeiteiJikan=22.3s,OS=0mm***
8721 5)SeiteiJikan=30.8s,OS=0mm
8722 6)SeiteiJikan=34.5s,OS=0mm
8723 7)SeiteiJikan=25.8s,OS=20mm
8724 8)SeiteiJikan=27.9s,OS=0mm
8725 9)SeiteiJikan=20.2s,OS=76mm
8726 10)SeiteiJikan=25.0s,OS=41mm
8727 11)SeiteiJikan=28.6s,OS=0mm
8728 12)SeiteiJikan=29.0s,OS=0mm
8729 13)SeiteiJikan=25.7s,OS=0mm
8730 14)SeiteiJikan=29.8s,OS=0mm
8731 15)SeiteiJikan=31.1s,OS=0mm
8732 16)SeiteiJikan=27.3s,OS=15mm
8733 17)SeiteiJikan=34.7s,OS=176mm
8734 18)SeiteiJikan=23.8s,OS=0mm
8735 19)SeiteiJikan=29.2s,OS=0mm

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8736 20)SeiteiJikan=33.6s,OS=0mm
8737 #####result for N3ny2nu2iti2 #####
8738 ##### Executing for result/N3ny2nu2/cml0cr2
8739 1)SeiteiJikan=26.6s,OS=175mm
8740 2)SeiteiJikan=25.8s,OS=157mm
8741 3)SeiteiJikan=24.4s,OS=133mm
8742 4)SeiteiJikan=26.1s,OS=141mm
8743 5)SeiteiJikan=27.3s,OS=159mm
8744 6)SeiteiJikan=24.5s,OS=135mm
8745 7)SeiteiJikan=23.5s,OS=131mm
8746 8)SeiteiJikan=20.1s,OS=0mm
8747 9)SeiteiJikan=15.2s,OS=0mm***
8748 10)SeiteiJikan=24.7s,OS=122mm
8749 11)SeiteiJikan=27.8s,OS=236mm
8750 12)SeiteiJikan=13.3s,OS=91mm
8751 13)SeiteiJikan=13.1s,OS=75mm
8752 14)SeiteiJikan=14.5s,OS=89mm
8753 15)SeiteiJikan=13.6s,OS=95mm
8754 16)SeiteiJikan=20.2s,OS=108mm
8755 17)SeiteiJikan=12.7s,OS=54mm
8756 18)SeiteiJikan=18.1s,OS=155mm
8757 19)SeiteiJikan=19.9s,OS=111mm
8758 20)SeiteiJikan=18.4s,OS=120mm
8759 ##### Executing for result/N3ny2nu2/cml00cr2
8760 1)SeiteiJikan=1.0s,OS=2891mm
8761 2)SeiteiJikan=16.4s,OS=81mm
8762 3)SeiteiJikan=1.0s,OS=0mm
8763 4)SeiteiJikan=19.0s,OS=0mm
8764 5)SeiteiJikan=1.0s,OS=0mm
8765 6)SeiteiJikan=33.0s,OS=0mm
8766 7)SeiteiJikan=32.4s,OS=0mm
8767 8)SeiteiJikan=37.0s,OS=0mm
8768 9)SeiteiJikan=38.8s,OS=0mm
8769 10)SeiteiJikan=29.6s,OS=0mm
8770 11)SeiteiJikan=27.4s,OS=49mm
8771 12)SeiteiJikan=20.3s,OS=69mm
8772 13)SeiteiJikan=51.3s,OS=144mm
8773 14)SeiteiJikan=24.0s,OS=39mm
8774 15)SeiteiJikan=25.8s,OS=0mm**
8775 16)SeiteiJikan=35.6s,OS=34mm
8776 17)SeiteiJikan=70.4s,OS=514mm
8777 18)SeiteiJikan=94.1s,OS=645mm
8778 19)SeiteiJikan=27.4s,OS=22mm
8779 20)SeiteiJikan=22.9s,OS=28mm
8780 ##### Executing for result/N3ny2nu2/cml0cr10
8781 1)SeiteiJikan=26.2s,OS=179mm
8782 2)SeiteiJikan=25.5s,OS=127mm
8783 3)SeiteiJikan=26.1s,OS=148mm
8784 4)SeiteiJikan=19.8s,OS=112mm
8785 5)SeiteiJikan=19.8s,OS=124mm
8786 6)SeiteiJikan=21.5s,OS=335mm
8787 7)SeiteiJikan=19.5s,OS=124mm
8788 8)SeiteiJikan=19.9s,OS=790mm
8789 9)SeiteiJikan=19.9s,OS=341mm
8790 10)SeiteiJikan=22.9s,OS=985mm
8791 11)SeiteiJikan=19.2s,OS=175mm
8792 12)SeiteiJikan=19.7s,OS=513mm
8793 13)SeiteiJikan=19.2s,OS=346mm
8794 14)SeiteiJikan=16.1s,OS=458mm
8795 15)SeiteiJikan=25.8s,OS=404mm
8796 16)SeiteiJikan=15.9s,OS=54mm
8797 17)SeiteiJikan=25.7s,OS=164mm
8798 18)SeiteiJikan=16.8s,OS=374mm**
8799 19)SeiteiJikan=20.2s,OS=136mm
8800 20)SeiteiJikan=26.6s,OS=321mm
8801 ##### Executing for result/N3ny2nu2/cml00cr10
8802 1)SeiteiJikan=36.4s,OS=158mm
8803 2)SeiteiJikan=22.8s,OS=38mm***
8804 3)SeiteiJikan=18.9s,OS=38mm
8805 4)SeiteiJikan=27.3s,OS=0mm
8806 5)SeiteiJikan=34.0s,OS=0mm
8807 6)SeiteiJikan=31.6s,OS=1mm
8808 7)SeiteiJikan=25.5s,OS=0mm
8809 8)SeiteiJikan=29.4s,OS=0mm
8810 9)SeiteiJikan=24.5s,OS=0mm
8811 10)SeiteiJikan=27.5s,OS=0mm
8812 11)SeiteiJikan=29.2s,OS=0mm
8813 12)SeiteiJikan=29.5s,OS=0mm
8814 13)SeiteiJikan=26.0s,OS=0mm
8815 14)SeiteiJikan=26.4s,OS=14mm
8816 15)SeiteiJikan=28.3s,OS=0mm
8817
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8818 16)SeiteiJikan=30.6s,OS=0mm
8819 17)SeiteiJikan=28.2s,OS=0mm
8820 18)SeiteiJikan=28.2s,OS=0mm
8821 19)SeiteiJikan=26.4s,OS=0mm
8822 20)SeiteiJikan=34.0s,OS=0mm
8823 #####result for N2ny2nu2iti2 #####
8824 ##### Executing for result/N2ny2nu2/cml0cr2
8825 1)SeiteiJikan=26.9s,OS=166mm
8826 2)SeiteiJikan=25.6s,OS=159mm
8827 3)SeiteiJikan=24.6s,OS=127mm
8828 4)SeiteiJikan=27.3s,OS=196mm
8829 5)SeiteiJikan=27.6s,OS=151mm
8830 6)SeiteiJikan=17.2s,OS=0mm
8831 7)SeiteiJikan=14.1s,OS=5mm
8832 8)SeiteiJikan=15.0s,OS=0mm
8833 9)SeiteiJikan=15.5s,OS=4mm
8834 10)SeiteiJikan=14.1s,OS=13mm
8835 11)SeiteiJikan=14.0s,OS=2mm
8836 12)SeiteiJikan=14.0s,OS=0mm
8837 13)SeiteiJikan=12.6s,OS=100mm
8838 14)SeiteiJikan=13.4s,OS=45mm
8839 15)SeiteiJikan=13.5s,OS=38mm
8840 16)SeiteiJikan=13.5s,OS=51mm
8841 17)SeiteiJikan=15.1s,OS=3mm
8842 18)SeiteiJikan=14.7s,OS=27mm
8843 19)SeiteiJikan=26.7s,OS=176mm
8844 20)SeiteiJikan=25.2s,OS=151mm
8845 ##### Executing for result/N2ny2nu2/cml00cr2
8846 1)SeiteiJikan=1.0s,OS=4322mm
8847 2)SeiteiJikan=1.7s,OS=97mm
8848 3)SeiteiJikan=15.5s,OS=62mm
8849 4)SeiteiJikan=27.2s,OS=131mm
8850 5)SeiteiJikan=29.1s,OS=0mm
8851 6)SeiteiJikan=1.0s,OS=0mm
8852 7)SeiteiJikan=37.2s,OS=0mm
8853 8)SeiteiJikan=39.6s,OS=0mm
8854 9)SeiteiJikan=42.2s,OS=0mm
8855 10)SeiteiJikan=1.0s,OS=0mm
8856 11)SeiteiJikan=44.3s,OS=0mm
8857 12)SeiteiJikan=44.8s,OS=0mm
8858 13)SeiteiJikan=40.5s,OS=64mm
8859 14)SeiteiJikan=55.0s,OS=187mm
8860 15)SeiteiJikan=75.8s,OS=0mm
8861 16)SeiteiJikan=1.0s,OS=692mm
8862 17)SeiteiJikan=1.0s,OS=937mm
8863 18)SeiteiJikan=1.0s,OS=1562mm
8864 19)SeiteiJikan=23.9s,OS=0mm
8865 20)SeiteiJikan=23.4s,OS=0mm
8866 ##### Executing for result/N2ny2nu2/cml0cr10
8867 1)SeiteiJikan=26.2s,OS=178mm
8868 2)SeiteiJikan=25.7s,OS=136mm
8869 3)SeiteiJikan=25.9s,OS=164mm
8870 4)SeiteiJikan=26.4s,OS=514mm
8871 5)SeiteiJikan=20.1s,OS=206mm
8872 6)SeiteiJikan=20.0s,OS=163mm
8873 7)SeiteiJikan=20.1s,OS=182mm
8874 8)SeiteiJikan=22.2s,OS=80mm
8875 9)SeiteiJikan=22.1s,OS=285mm
8876 10)SeiteiJikan=14.8s,OS=254mm
8877 11)SeiteiJikan=19.6s,OS=659mm
8878 12)SeiteiJikan=19.9s,OS=194mm
8879 13)SeiteiJikan=25.8s,OS=354mm
8880 14)SeiteiJikan=20.7s,OS=1587mm
8881 15)SeiteiJikan=20.7s,OS=1440mm
8882 16)SeiteiJikan=26.3s,OS=301mm
8883 17)SeiteiJikan=20.1s,OS=179mm
8884 18)SeiteiJikan=16.6s,OS=95mm
8885 19)SeiteiJikan=22.4s,OS=35mm
8886 20)SeiteiJikan=26.3s,OS=264mm
8887 ##### Executing for result/N2ny2nu2/cml00cr10
8888 1)SeiteiJikan=23.2s,OS=34mm
8889 2)SeiteiJikan=20.3s,OS=4mm
8890 3)SeiteiJikan=21.8s,OS=0mm
8891 4)SeiteiJikan=36.9s,OS=0mm
8892 5)SeiteiJikan=35.6s,OS=0mm
8893 6)SeiteiJikan=34.7s,OS=0mm
8894 7)SeiteiJikan=25.1s,OS=4mm
8895 8)SeiteiJikan=31.3s,OS=0mm
8896 9)SeiteiJikan=25.6s,OS=2mm
8897 10)SeiteiJikan=35.6s,OS=0mm
8898 11)SeiteiJikan=26.6s,OS=0mm
8899 12)SeiteiJikan=24.0s,OS=0mm
8899
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8900 13)SeiteiJikan=96.9s,OS=121mm
8901 14)SeiteiJikan=31.6s,OS=0mm
8902 15)SeiteiJikan=32.1s,OS=0mm
8903 16)SeiteiJikan=26.8s,OS=0mm
8904 17)SeiteiJikan=34.7s,OS=437mm
8905 18)SeiteiJikan=26.9s,OS=0mm
8906 19)SeiteiJikan=33.6s,OS=0mm
8907 20)SeiteiJikan=29.6s,OS=0mm
8908
8909
8910 #####result for NlNy2nu2 iti=2 #####
8911 ##### Executing for result NlNy2nu2/cml0cr2
8912 1)SeiteiJikan=26.6s,OS=175mm
8913 2)SeiteiJikan=25.7s,OS=151mm
8914 3)SeiteiJikan=25.1s,OS=139mm
8915 4)SeiteiJikan=14.0s,OS=37mm
8916 5)SeiteiJikan=13.9s,OS=106mm
8917 6)SeiteiJikan=22.4s,OS=141mm
8918 7)SeiteiJikan=22.3s,OS=165mm
8919 8)SeiteiJikan=22.2s,OS=149mm
8920 9)SeiteiJikan=22.2s,OS=147mm
8921 10)SeiteiJikan=22.3s,OS=150mm
8922 11)SeiteiJikan=22.5s,OS=154mm
8923 12)SeiteiJikan=22.5s,OS=153mm
8924 13)SeiteiJikan=22.4s,OS=153mm
8925 14)SeiteiJikan=22.4s,OS=151mm
8926 15)SeiteiJikan=22.4s,OS=152mm
8927 16)SeiteiJikan=22.4s,OS=152mm
8928 17)SeiteiJikan=22.4s,OS=152mm
8929 18)SeiteiJikan=22.4s,OS=152mm
8930 19)SeiteiJikan=22.4s,OS=152mm
8931 20)SeiteiJikan=22.4s,OS=152mm
8932 ##### Executing for result NlNy2nu2/cml00cr2
8933 1)SeiteiJikan=1.0s,OS=4125mm
8934 2)SeiteiJikan=22.2s,OS=262mm
8935 3)SeiteiJikan=22.0s,OS=158mm
8936 4)SeiteiJikan=18.4s,OS=88mm
8937 5)SeiteiJikan=24.4s,OS=0mm
8938 6)SeiteiJikan=24.8s,OS=0mm
8939 7)SeiteiJikan=25.1s,OS=2mm
8940 8)SeiteiJikan=25.8s,OS=3mm
8941 9)SeiteiJikan=26.2s,OS=8mm
8942 10)SeiteiJikan=26.1s,OS=21mm
8943 11)SeiteiJikan=25.2s,OS=41mm
8944 12)SeiteiJikan=24.2s,OS=65mm
8945 13)SeiteiJikan=23.4s,OS=83mm
8946 14)SeiteiJikan=23.0s,OS=90mm
8947 15)SeiteiJikan=22.9s,OS=92mm
8948 16)SeiteiJikan=23.0s,OS=91mm
8949 17)SeiteiJikan=23.0s,OS=90mm
8950 18)SeiteiJikan=23.0s,OS=89mm
8951 19)SeiteiJikan=23.0s,OS=89mm
8952 20)SeiteiJikan=23.0s,OS=88mm
8953 ##### Executing for result NlNy2nu2/cml0cr10
8954 1)SeiteiJikan=26.2s,OS=178mm
8955 2)SeiteiJikan=26.1s,OS=163mm
8956 3)SeiteiJikan=25.9s,OS=156mm
8957 4)SeiteiJikan=17.1s,OS=29mm
8958 5)SeiteiJikan=20.1s,OS=158mm
8959 6)SeiteiJikan=20.6s,OS=212mm
8960 7)SeiteiJikan=20.9s,OS=254mm
8961 8)SeiteiJikan=20.4s,OS=208mm
8962 9)SeiteiJikan=20.5s,OS=215mm
8963 0)SeiteiJikan=20.6s,OS=225mm
8964 11)SeiteiJikan=20.7s,OS=234mm
8965 12)SeiteiJikan=20.6s,OS=229mm
8966 13)SeiteiJikan=20.6s,OS=226mm
8967 14)SeiteiJikan=20.6s,OS=226mm
8968 15)SeiteiJikan=20.6s,OS=228mm
8969 16)SeiteiJikan=20.6s,OS=228mm
8970 17)SeiteiJikan=20.6s,OS=228mm
8971 18)SeiteiJikan=20.6s,OS=228mm
8972 19)SeiteiJikan=20.6s,OS=228mm
8973 20)SeiteiJikan=20.6s,OS=228mm
8974 ##### Executing for result NlNy2nu2/cml00cr10
8975 1)SeiteiJikan=23.2s,OS=57mm
8976 2)SeiteiJikan=24.6s,OS=0mm
8977 3)SeiteiJikan=25.1s,OS=0mm
8978 4)SeiteiJikan=23.9s,OS=0mm
8979 5)SeiteiJikan=24.1s,OS=0mm
8980 6)SeiteiJikan=24.1s,OS=0mm
8981 7)SeiteiJikan=24.0s,OS=0mm

8982 8)SeiteiJikan=24.0s,OS=0mm
8983 9)SeiteiJikan=24.0s,OS=0mm
8984 10)SeiteiJikan=24.0s,OS=0mm
8985 11)SeiteiJikan=24.0s,OS=0mm
8986 12)SeiteiJikan=24.0s,OS=0mm
8987 13)SeiteiJikan=24.0s,OS=0mm
8988 14)SeiteiJikan=24.0s,OS=0mm
8989 15)SeiteiJikan=24.0s,OS=0mm
8990 16)SeiteiJikan=24.0s,OS=0mm
8991 17)SeiteiJikan=24.0s,OS=0mm
8992 18)SeiteiJikan=24.0s,OS=0mm
8993 19)SeiteiJikan=24.0s,OS=0mm
8994 20)SeiteiJikan=24.0s,OS=0mm
8995
8996
8997
8998
8999
9000

#####result for Nl0ny5nu5 #####
Executing for result Nl0ny5nu5/cml0cr2
9002 1)SeiteiJikan=22.6s,OS=112mm
9003 2)SeiteiJikan=16.8s,OS=90mm
9004 3)SeiteiJikan=22.3s,OS=29mm
9005 4)SeiteiJikan=20.8s,OS=25mm
9006 5)SeiteiJikan=17.2s,OS=79mm
9007 6)SeiteiJikan=15.9s,OS=56mm
9008 7)SeiteiJikan=16.9s,OS=74mm
9009 8)SeiteiJikan=29.9s,OS=167mm
9010 9)SeiteiJikan=16.9s,OS=73mm
9011 9)SeiteiJikan=16.9s,OS=73mm
9012 10)SeiteiJikan=27.3s,OS=139mm
9013 11)SeiteiJikan=26.1s,OS=130mm
9014 12)SeiteiJikan=27.1s,OS=145mm
9015 13)SeiteiJikan=15.6s,OS=92mm
9016 14)SeiteiJikan=25.1s,OS=127mm
9017 15)SeiteiJikan=28.6s,OS=145mm
9018 16)SeiteiJikan=16.4s,OS=82mm
9019 17)SeiteiJikan=21.5s,OS=202mm
9020 18)SeiteiJikan=21.9s,OS=104mm
9021 19)SeiteiJikan=16.7s,OS=33mm
9022 20)SeiteiJikan=15.9s,OS=76mm
9023 ##### Executing for result Nl0ny5nu5/cml00cr2
9024 1)SeiteiJikan=22.5s,OS=120mm
9025 2)SeiteiJikan=1.0s,OS=847mm
9026 3)SeiteiJikan=27.4s,OS=215mm
9027 4)SeiteiJikan=28.2s,OS=184mm
9028 5)SeiteiJikan=27.0s,OS=147mm
9029 6)SeiteiJikan=26.8s,OS=144mm
9030 7)SeiteiJikan=27.5s,OS=165mm
9031 8)SeiteiJikan=28.2s,OS=176mm
9032 9)SeiteiJikan=26.3s,OS=142mm
9033 10)SeiteiJikan=29.0s,OS=171mm
9034 11)SeiteiJikan=28.7s,OS=153mm
9035 12)SeiteiJikan=28.4s,OS=159mm
9036 13)SeiteiJikan=28.4s,OS=195mm
9037 14)SeiteiJikan=26.6s,OS=177mm
9038 15)SeiteiJikan=27.1s,OS=169mm
9039 16)SeiteiJikan=25.5s,OS=142mm
9040 17)SeiteiJikan=27.2s,OS=184mm
9041 18)SeiteiJikan=28.4s,OS=206mm
9042 19)SeiteiJikan=25.1s,OS=125mm
9043 20)SeiteiJikan=26.4s,OS=153mm
9044 ##### Executing for result Nl0ny5nu5/cml0cr10
9045 1)SeiteiJikan=1.0s,OS=653mm
9046 2)SeiteiJikan=1.0s,OS=653mm
9047 3)SeiteiJikan=37.8s,OS=455mm
9048 4)SeiteiJikan=33.5s,OS=134mm
9049 5)SeiteiJikan=26.2s,OS=114mm
9050 6)SeiteiJikan=25.8s,OS=164mm
9051 7)SeiteiJikan=31.6s,OS=133mm
9052 8)SeiteiJikan=49.5s,OS=173mm
9053 9)SeiteiJikan=28.7s,OS=74mm
9054 10)SeiteiJikan=32.1s,OS=320mm
9055 11)SeiteiJikan=41.5s,OS=687mm
9056 12)SeiteiJikan=40.0s,OS=81mm
9057 13)SeiteiJikan=28.3s,OS=47mm
9058 14)SeiteiJikan=38.0s,OS=108mm
9059 15)SeiteiJikan=28.9s,OS=73mm
9060 16)SeiteiJikan=47.0s,OS=106mm
9061 17)SeiteiJikan=34.6s,OS=75mm
9062 18)SeiteiJikan=34.2s,OS=57mm
9063 18)SeiteiJikan=31.4s,OS=240mm

9064 19)SeiteiJikan=61.7s,OS=698nm
9065 20)SeiteiJikan=40.1s,OS=77nm
9066 ##### Executing for result/N10ny5nu5/cml00cr10
9067 1)SeiteiJikan=1.0s,OS=4504nm
9068 2)SeiteiJikan=1.0s,OS=0nm
9069 3)SeiteiJikan=1.0s,OS=17758nm
9070 4)SeiteiJikan=1.0s,OS=23427nm
9071 5)SeiteiJikan=25.9s,OS=546nm
9072 6)SeiteiJikan=23.0s,OS=126nm
9073 7)SeiteiJikan=1.0s,OS=8261nm
9074 8)SeiteiJikan=1.0s,OS=8264nm
9075 9)SeiteiJikan=99.6s,OS=10060nm
9076 10)SeiteiJikan=19.0s,OS=2277nm
9077 11)SeiteiJikan=19.0s,OS=1011nm
9078 12)SeiteiJikan=25.6s,OS=6nm
9079 13)SeiteiJikan=23.9s,OS=171nm
9080 14)SeiteiJikan=1.0s,OS=1408nm
9081 15)SeiteiJikan=15.5s,OS=100nm
9082 16)SeiteiJikan=16.9s,OS=0nm**
9083 17)SeiteiJikan=23.7s,OS=381nm
9084 18)SeiteiJikan=23.2s,OS=334nm
9085 19)SeiteiJikan=16.6s,OS=4nm
9086 20)SeiteiJikan=16.6s,OS=4nm
9087
9088
9089
#####result for N10ny4nu3 #####
9090 ##### Executing for result/N10ny4nu3/cml0cr2
9091 1)SeiteiJikan=100.0s,OS=5441nm
9092 2)SeiteiJikan=26.4s,OS=230nm
9093 3)SeiteiJikan=26.3s,OS=197nm
9094 4)SeiteiJikan=28.5s,OS=219nm
9095 5)SeiteiJikan=28.6s,OS=216nm
9096 6)SeiteiJikan=17.0s,OS=45nm
9097 7)SeiteiJikan=28.3s,OS=167nm
9098 8)SeiteiJikan=24.5s,OS=180nm
9099 9)SeiteiJikan=26.0s,OS=136nm
9100 10)SeiteiJikan=25.5s,OS=137nm
9101 11)SeiteiJikan=24.6s,OS=189nm
9102 12)SeiteiJikan=26.6s,OS=436nm
9103 13)SeiteiJikan=24.8s,OS=179nm
9104 14)SeiteiJikan=26.7s,OS=149nm
9105 15)SeiteiJikan=22.7s,OS=110nm
9106 16)SeiteiJikan=26.3s,OS=149nm
9107 17)SeiteiJikan=18.2s,OS=51nm
9108 18)SeiteiJikan=22.2s,OS=2nm
9109 19)SeiteiJikan=21.9s,OS=0nm**
9110 20)SeiteiJikan=38.9s,OS=202nm
9111 ##### Executing for result/N10ny4nu3/cml00cr2
9112 1)SeiteiJikan=32.1s,OS=623nm
9113 2)SeiteiJikan=29.2s,OS=398nm
9114 3)SeiteiJikan=30.2s,OS=413nm
9115 4)SeiteiJikan=28.9s,OS=294nm
9116 5)SeiteiJikan=28.9s,OS=212nm
9117 6)SeiteiJikan=28.9s,OS=179nm
9118 7)SeiteiJikan=27.8s,OS=182nm
9119 8)SeiteiJikan=30.3s,OS=287nm
9120 9)SeiteiJikan=29.1s,OS=213nm
9121 10)SeiteiJikan=30.7s,OS=251nm
9122 11)SeiteiJikan=27.0s,OS=152nm
9123 12)SeiteiJikan=32.3s,OS=373nm
9124 13)SeiteiJikan=29.0s,OS=259nm
9125 14)SeiteiJikan=26.9s,OS=263nm
9126 15)SeiteiJikan=34.0s,OS=299nm
9127 16)SeiteiJikan=1.0s,OS=1108nm
9128 17)SeiteiJikan=23.0s,OS=63nm
9129 18)SeiteiJikan=22.8s,OS=41nm
9130 19)SeiteiJikan=33.0s,OS=504nm
9131 20)SeiteiJikan=29.4s,OS=172nm
9132 1)SeiteiJikan=29.4s,OS=172nm
9133 2)SeiteiJikan=29.4s,OS=172nm
9134 3)SeiteiJikan=29.4s,OS=172nm
9135 4)SeiteiJikan=29.4s,OS=172nm
9136 5)SeiteiJikan=29.4s,OS=172nm
9137 6)SeiteiJikan=29.4s,OS=172nm
9138 7)SeiteiJikan=29.4s,OS=172nm
9139 8)SeiteiJikan=29.4s,OS=172nm
9140 9)SeiteiJikan=29.4s,OS=172nm
9141 10)SeiteiJikan=29.4s,OS=172nm
9142 11)SeiteiJikan=29.4s,OS=172nm
9143 12)SeiteiJikan=29.4s,OS=172nm
9144 13)SeiteiJikan=29.4s,OS=172nm
9145 14)SeiteiJikan=29.4s,OS=172nm

9146 13)SeiteiJikan=22.3s,OS=24nm
9147 14)SeiteiJikan=23.1s,OS=52nm
9148 15)SeiteiJikan=28.6s,OS=92nm
9149 16)SeiteiJikan=43.0s,OS=1360nm
9150 17)SeiteiJikan=22.0s,OS=99nm
9151 18)SeiteiJikan=22.8s,OS=42nm
9152 19)SeiteiJikan=22.6s,OS=259nm
9153 20)SeiteiJikan=26.2s,OS=773nm
9154 ##### Executing for result/N10ny4nu3/cml00cr10
9155 1)SeiteiJikan=1.0s,OS=10537nm
9156 2)SeiteiJikan=1.0s,OS=9786nm
9157 3)SeiteiJikan=1.0s,OS=13376nm
9158 4)SeiteiJikan=1.0s,OS=1101nm
9159 5)SeiteiJikan=1.0s,OS=11235nm
9160 6)SeiteiJikan=1.0s,OS=0nm
9161 7)SeiteiJikan=62.1s,OS=2176nm
9162 8)SeiteiJikan=13.6s,OS=37nm
9163 9)SeiteiJikan=29.3s,OS=977nm
9164 10)SeiteiJikan=28.2s,OS=892nm
9165 11)SeiteiJikan=46.8s,OS=1179nm
9166 12)SeiteiJikan=36.6s,OS=183nm
9167 13)SeiteiJikan=38.8s,OS=276nm
9168 14)SeiteiJikan=30.8s,OS=459nm
9169 15)SeiteiJikan=33.8s,OS=125nm
9170 16)SeiteiJikan=30.4s,OS=252nm
9171 17)SeiteiJikan=38.8s,OS=699nm
9172 18)SeiteiJikan=30.5s,OS=1074nm
9173 19)SeiteiJikan=35.2s,OS=338nm
9174 20)SeiteiJikan=29.7s,OS=0nm**
9175
9176
#####result for N10ny4nu2 #####
9177 ##### Executing for result/N10ny4nu2/cml0cr2
9178 1)SeiteiJikan=17.8s,OS=29nm
9179 2)SeiteiJikan=25.8s,OS=477nm
9180 3)SeiteiJikan=27.6s,OS=256nm
9181 4)SeiteiJikan=25.9s,OS=317nm
9182 5)SeiteiJikan=29.0s,OS=526nm
9183 6)SeiteiJikan=30.4s,OS=239nm
9184 7)SeiteiJikan=28.7s,OS=518nm
9185 8)SeiteiJikan=23.1s,OS=1161nm
9186 9)SeiteiJikan=20.6s,OS=238nm
9187 10)SeiteiJikan=25.6s,OS=281nm
9188 11)SeiteiJikan=25.9s,OS=542nm
9189 12)SeiteiJikan=14.7s,OS=639nm
9190 13)SeiteiJikan=28.7s,OS=435nm
9191 14)SeiteiJikan=1.0s,OS=435nm
9192 15)SeiteiJikan=25.6s,OS=358nm
9193 16)SeiteiJikan=26.6s,OS=179nm
9194 17)SeiteiJikan=26.7s,OS=450nm
9195 18)SeiteiJikan=28.2s,OS=453nm
9196 19)SeiteiJikan=25.9s,OS=290nm
9197 20)SeiteiJikan=29.5s,OS=291nm
9198 ##### Executing for result/N10ny4nu2/cml00cr2
9199 1)SeiteiJikan=1.0s,OS=4187nm
9200 2)SeiteiJikan=1.0s,OS=765nm
9201 3)SeiteiJikan=49.6s,OS=1294nm
9202 4)SeiteiJikan=27.7s,OS=78nm
9203 5)SeiteiJikan=28.2s,OS=773nm
9204 6)SeiteiJikan=29.5s,OS=800nm
9205 7)SeiteiJikan=28.2s,OS=1037nm
9206 8)SeiteiJikan=30.6s,OS=563nm
9207 9)SeiteiJikan=25.7s,OS=696nm
9208 10)SeiteiJikan=26.0s,OS=388nm
9209 11)SeiteiJikan=26.4s,OS=401nm
9210 12)SeiteiJikan=29.0s,OS=946nm
9211 13)SeiteiJikan=22.7s,OS=117nm
9212 14)SeiteiJikan=23.2s,OS=174nm
9213 15)SeiteiJikan=25.4s,OS=161nm
9214 16)SeiteiJikan=28.8s,OS=114nm
9215 17)SeiteiJikan=33.0s,OS=138nm
9216 18)SeiteiJikan=35.3s,OS=211nm
9217 19)SeiteiJikan=17.0s,OS=39nm**
9218 20)SeiteiJikan=17.0s,OS=39nm**
9219 ##### Executing for result/N10ny4nu2/cml0cr10
9220 1)SeiteiJikan=1.0s,OS=932nm
9221 2)SeiteiJikan=31.6s,OS=305nm
9222 3)SeiteiJikan=27.0s,OS=158nm
9223 4)SeiteiJikan=26.9s,OS=178nm
9224 5)SeiteiJikan=31.9s,OS=173nm
9225 6)SeiteiJikan=22.6s,OS=92nm
9226 7)SeiteiJikan=42.0s,OS=4nm**
9227

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9228 8)SeiteiJikan=39.4s,OS=1001mm
9229 9)SeiteiJikan=17.4s,OS=89mm
9230 10)SeiteiJikan=17.9s,OS=79mm
9231 11)SeiteiJikan=19.7s,OS=116mm
9232 12)SeiteiJikan=26.4s,OS=276mm
9233 13)SeiteiJikan=26.6s,OS=333mm
9234 14)SeiteiJikan=26.0s,OS=178mm
9235 15)SeiteiJikan=16.8s,OS=72mm
9236 16)SeiteiJikan=20.2s,OS=390mm
9237 17)SeiteiJikan=24.8s,OS=116mm
9238 18)SeiteiJikan=28.4s,OS=665mm
9239 19)SeiteiJikan=26.7s,OS=456mm
9240 20)SeiteiJikan=22.3s,OS=42mm
9241 ##### Executing for result /N10ny4nu2/cml100cr10
9242 1)SeiteiJikan=1.0s,OS=0mm
9243 2)SeiteiJikan=1.0s,OS=4926mm
9244 3)SeiteiJikan=1.0s,OS=4787mm
9245 4)SeiteiJikan=1.0s,OS=8679mm
9246 5)SeiteiJikan=1.0s,OS=9630mm
9247 6)SeiteiJikan=1.0s,OS=9713mm
9248 7)SeiteiJikan=1.0s,OS=9144mm
9249 8)SeiteiJikan=1.0s,OS=10051mm
9250 9)SeiteiJikan=1.0s,OS=487mm
9251 10)SeiteiJikan=23.8s,OS=342mm
9252 11)SeiteiJikan=1.0s,OS=3231mm
9253 12)SeiteiJikan=1.0s,OS=12455mm
9254 13)SeiteiJikan=25.6s,OS=266mm
9255 14)SeiteiJikan=36.6s,OS=923mm
9256 15)SeiteiJikan=1.0s,OS=12671mm
9257 16)SeiteiJikan=1.0s,OS=11422mm
9258 17)SeiteiJikan=1.0s,OS=1728mm
9259 18)SeiteiJikan=1.0s,OS=47460mm
9260 19)SeiteiJikan=1.0s,OS=24217mm
9261 20)SeiteiJikan=1.0s,OS=10016mm
9262
9263
9264 #####result for N10ny3nu1 #####
9265 1)SeiteiJikan=28.8s,OS=17mm
9266 2)SeiteiJikan=20.0s,OS=30mm
9267 3)SeiteiJikan=22.8s,OS=25mm
9268 4)SeiteiJikan=23.5s,OS=17mm
9269 5)SeiteiJikan=25.2s,OS=14mm
9270 6)SeiteiJikan=22.1s,OS=0mm **
9271 7)SeiteiJikan=24.2s,OS=2mm
9272 8)SeiteiJikan=25.3s,OS=2mm
9273 9)SeiteiJikan=23.4s,OS=0mm
9274 10)SeiteiJikan=23.9s,OS=1mm
9275 11)SeiteiJikan=21.9s,OS=1mm
9276 12)SeiteiJikan=21.6s,OS=19mm
9277 13)SeiteiJikan=22.4s,OS=10mm
9278 14)SeiteiJikan=25.7s,OS=7mm
9279 15)SeiteiJikan=24.9s,OS=7mm
9280 16)SeiteiJikan=22.0s,OS=10mm
9281 17)SeiteiJikan=21.7s,OS=5mm
9282 18)SeiteiJikan=21.9s,OS=5mm
9283 19)SeiteiJikan=20.6s,OS=7mm
9284 20)SeiteiJikan=20.9s,OS=1mm
9285 ##### Executing for result /N10ny3nu2/cml100cr2
9286 0)SeiteiJikan=1.0s,OS=0mm
9287 1)SeiteiJikan=1.0s,OS=9416mm
9288 2)SeiteiJikan=1.0s,OS=674mm
9289 3)SeiteiJikan=1.0s,OS=422mm
9290 4)SeiteiJikan=65.3s,OS=319mm
9291 5)SeiteiJikan=1.0s,OS=6685mm
9292 6)SeiteiJikan=99.8s,OS=2023mm
9293 7)SeiteiJikan=20.6s,OS=475mm
9294 8)SeiteiJikan=51.3s,OS=4175mm
9295 9)SeiteiJikan=28.6s,OS=394mm****?
9296 10)SeiteiJikan=69.9s,OS=771mm
9297 11)SeiteiJikan=73.3s,OS=672mm
9298 12)SeiteiJikan=1.0s,OS=3763mm
9299 13)SeiteiJikan=1.0s,OS=2838mm
9300 14)SeiteiJikan=1.0s,OS=3418mm
9301 15)SeiteiJikan=67.1s,OS=764mm
9302 16)SeiteiJikan=1.0s,OS=9889mm
9303 17)SeiteiJikan=1.0s,OS=12132mm
9304 18)SeiteiJikan=1.0s,OS=2759mm
9305 19)SeiteiJikan=1.0s,OS=6600mm
9306 20)SeiteiJikan=1.0s,OS=8830mm
9307 ##### Executing for result /N10ny3nu2/cml100cr10
9308 0)SeiteiJikan=1.0s,OS=2459mm
9309 1)SeiteiJikan=1.0s,OS=2459mm
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9310 1)SeiteiJikan=30.5s,OS=11mm
9311 2)SeiteiJikan=35.5s,OS=10mm**
9312 3)SeiteiJikan=29.4s,OS=30mm
9313 4)SeiteiJikan=24.2s,OS=52mm
9314 5)SeiteiJikan=29.0s,OS=40mm
9315 6)SeiteiJikan=1.0s,OS=999mm
9316 7)SeiteiJikan=32.5s,OS=216mm
9317 8)SeiteiJikan=32.6s,OS=227mm
9318 9)SeiteiJikan=32.5s,OS=182mm
9319 10)SeiteiJikan=23.4s,OS=73mm
9320 11)SeiteiJikan=38.9s,OS=160mm
9321 12)SeiteiJikan=28.9s,OS=14mm
9322 13)SeiteiJikan=92.8s,OS=63mm
9323 14)SeiteiJikan=28.3s,OS=28mm
9324 15)SeiteiJikan=34.6s,OS=54mm
9325 16)SeiteiJikan=27.8s,OS=30mm
9326 17)SeiteiJikan=35.4s,OS=11mm
9327 18)SeiteiJikan=48.5s,OS=30mm
9328 19)SeiteiJikan=41.0s,OS=105mm
9329 20)SeiteiJikan=1.0s,OS=1243mm
9330 ##### Executing for result /N10ny3nu2/cml00cr10
9331 0)SeiteiJikan=1.0s,OS=0mm
9332 1)SeiteiJikan=1.0s,OS=1166mm
9333 2)SeiteiJikan=99.7s,OS=1594mm
9334 3)SeiteiJikan=1.0s,OS=4703mm
9335 4)SeiteiJikan=1.0s,OS=1131mm
9336 5)SeiteiJikan=99.6s,OS=788mm
9337 6)SeiteiJikan=1.0s,OS=2453mm
9338 7)SeiteiJikan=41.9s,OS=101mm
9339 8)SeiteiJikan=1.0s,OS=527mm
9340 9)SeiteiJikan=35.7s,OS=0mm
9341 10)SeiteiJikan=44.7s,OS=0mm
9342 11)SeiteiJikan=24.0s,OS=306mm
9343 12)SeiteiJikan=32.3s,OS=430mm
9344 13)SeiteiJikan=33.0s,OS=317mm
9345 14)SeiteiJikan=1.0s,OS=3023mm
9346 15)SeiteiJikan=1.0s,OS=799mm
9347 16)SeiteiJikan=99.6s,OS=61mm
9348 17)SeiteiJikan=92.5s,OS=481mm
9349 18)SeiteiJikan=31.3s,OS=332mm
9350 19)SeiteiJikan=34.7s,OS=0mm
9351 20)SeiteiJikan=33.7s,OS=0mm**
9352
9353
9354 ##### Executing for result /N10ny3nu2/cml0cr2
9355 0)SeiteiJikan=1.0s,OS=2278mm
9356 #####result for N10ny3nu1 #####NG?
9357 ##### Executing for result /N10ny3nu1/cml0cr2
9358 0)SeiteiJikan=1.0s,OS=2278mm
9359 1)SeiteiJikan=25.4s,OS=148mm
9360 2)SeiteiJikan=25.5s,OS=179mm
9361 3)SeiteiJikan=25.0s,OS=158mm
9362 4)SeiteiJikan=25.3s,OS=164mm
9363 5)SeiteiJikan=25.3s,OS=183mm
9364 6)SeiteiJikan=33.1s,OS=162mm
9365 7)SeiteiJikan=25.0s,OS=134mm
9366 8)SeiteiJikan=16.7s,OS=82mm
9367 9)SeiteiJikan=15.0s,OS=94mm
9368 10)SeiteiJikan=23.1s,OS=112mm
9369 11)SeiteiJikan=25.1s,OS=131mm
9370 12)SeiteiJikan=25.2s,OS=139mm
9371 13)SeiteiJikan=24.2s,OS=136mm
9372 14)SeiteiJikan=24.8s,OS=228mm
9373 15)SeiteiJikan=14.5s,OS=94mm
9374 16)SeiteiJikan=15.2s,OS=88mm
9375 17)SeiteiJikan=15.7s,OS=25mm**
9376 18)SeiteiJikan=26.1s,OS=242mm
9377 19)SeiteiJikan=15.2s,OS=63mm
9378 20)SeiteiJikan=15.5s,OS=63mm
9379 ##### Executing for result /N10ny3nu1/cml100cr2
9380 0)SeiteiJikan=1.0s,OS=0mm
9381 1)SeiteiJikan=1.0s,OS=733mm
9382 2)SeiteiJikan=1.0s,OS=361mm
9383 3)SeiteiJikan=1.0s,OS=159mm
9384 4)SeiteiJikan=92.2s,OS=105mm
9385 5)SeiteiJikan=22.2s,OS=265mm
9386 6)SeiteiJikan=22.0s,OS=186mm
9387 7)SeiteiJikan=21.5s,OS=0mm **
9388 8)SeiteiJikan=27.3s,OS=0mm
9389 9)SeiteiJikan=23.0s,OS=6mm
9390 10)SeiteiJikan=45.9s,OS=71mm
9391 11)SeiteiJikan=46.0s,OS=0mm
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9392 12)SeiteiJikan=48.3s,OS=0mm
9393 13)SeiteiJikan=27.4s,OS=0mm
9394 14)SeiteiJikan=33.9s,OS=0mm
9395 15)SeiteiJikan=30.9s,OS=0mm
9396 16)SeiteiJikan=-1.0s,OS=5795mm
9397 17)SeiteiJikan=26.9s,OS=0mm
9398 18)SeiteiJikan=34.1s,OS=0mm
9399 19)SeiteiJikan=27.9s,OS=0mm
9400 20)SeiteiJikan=21.8s,OS=0mm
9401 ##### Executing for result/Nl0ny3nul/cml0cr10
9402 0)SeiteiJikans=-1.0s,OS=2459mm
9403 1)SeiteiJikans=22.9s,OS=87mm
9404 2)SeiteiJikans=25.6s,OS=109mm
9405 3)SeiteiJikans=26.3s,OS=180mm
9406 4)SeiteiJikans=26.4s,OS=185mm
9407 5)SeiteiJikans=25.9s,OS=117mm
9408 6)SeiteiJikan=18.5s,OS=46mm***
9409 7)SeiteiJikan=20.5s,OS=128mm
9410 8)SeiteiJikan=19.7s,OS=101mm
9411 9)SeiteiJikan=21.4s,OS=184mm
9412 10)SeiteiJikan=25.7s,OS=269mm
9413 11)SeiteiJikan=26.4s,OS=517mm
9414 12)SeiteiJikan=26.0s,OS=367mm
9415 13)SeiteiJikan=25.4s,OS=421mm
9416 14)SeiteiJikan=26.5s,OS=963mm
9417 15)SeiteiJikan=20.3s,OS=299mm
9418 16)SeiteiJikan=25.8s,OS=378mm
9419 17)SeiteiJikan=21.4s,OS=649mm
9420 18)SeiteiJikan=25.2s,OS=352mm
9421 19)SeiteiJikan=26.5s,OS=357mm
9422 20)SeiteiJikan=25.7s,OS=656mm
9423 ##### Executing for result/Nl0ny3nul/cml00cr10
9424 0)SeiteiJikans=-1.0s,OS=0mm
9425 1)SeiteiJikans=-1.0s,OS=519mm
9426 2)SeiteiJikans=78.5s,OS=0mm***???
9427 3)SeiteiJikan=99.8s,OS=1043mm
9428 4)SeiteiJikan=-1.0s,OS=742mm
9429 5)SeiteiJikan=-1.0s,OS=1059mm
9430 6)SeiteiJikan=-1.0s,OS=1016mm
9431 7)SeiteiJikan=-1.0s,OS=242mm
9432 8)SeiteiJikan=-1.0s,OS=1140mm
9433 9)SeiteiJikan=-1.0s,OS=355mm
9434 10)SeiteiJikan=-1.0s,OS=1534mm
9435 11)SeiteiJikan=-1.0s,OS=6621mm
9436 12)SeiteiJikan=-1.0s,OS=799mm
9437 13)SeiteiJikan=-1.0s,OS=2763mm
9438 14)SeiteiJikan=-1.0s,OS=921mm
9439 15)SeiteiJikan=-1.0s,OS=2278mm
9440 16)SeiteiJikan=-1.0s,OS=1844mm
9441 17)SeiteiJikan=-1.0s,OS=5507mm
9442 18)SeiteiJikan=-1.0s,OS=1433mm
9443 19)SeiteiJikan=-1.0s,OS=451mm
9444 20)SeiteiJikan=-1.0s,OS=644mm
9445
9446
#####result for Nl0ny2nul #####
9447 (1) Nl0ny2nul
9448 #####
9449 ##### Executing for result/Nl0ny2nul/cml0cr2
9450 0)SeiteiJikan=-1.0s,OS=278mm
9451 1)SeiteiJikan=32.2s,OS=314mm
9452 2)SeiteiJikan=28.5s,OS=391mm
9453 3)SeiteiJikan=27.6s,OS=832mm
9454 4)SeiteiJikan=26.0s,OS=223mm
9455 5)SeiteiJikan=27.1s,OS=245mm
9456 6)SeiteiJikan=30.8s,OS=227mm
9457 7)SeiteiJikan=28.0s,OS=286mm
9458 8)SeiteiJikan=23.9s,OS=185mm
9459 9)SeiteiJikan=23.5s,OS=175mm
9460 10)SeiteiJikan=20.3s,OS=223mm
9461 11)SeiteiJikan=22.2s,OS=274mm
9462 12)SeiteiJikan=23.5s,OS=280mm
9463 13)SeiteiJikan=23.4s,OS=265mm
9464 14)SeiteiJikan=24.3s,OS=521mm
9465 15)SeiteiJikan=25.8s,OS=319mm
9466 16)SeiteiJikan=26.0s,OS=338mm
9467 17)SeiteiJikan=27.2s,OS=170mm***???
9468 18)SeiteiJikan=26.0s,OS=461mm
9469 19)SeiteiJikan=24.0s,OS=495mm
9470 20)SeiteiJikan=22.6s,OS=176mm
9471 ##### Executing for result/Nl0ny2nul/cml00cr2
9472 0)SeiteiJikans=-1.0s,OS=0mm
9473 1)SeiteiJikan=-1.0s,OS=813mm
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9474 2)SeiteiJikan=30.6s,OS=20mm
9475 3)SeiteiJikan=-1.0s,OS=1048mm
9476 4)SeiteiJikan=20.4s,OS=0mm
9477 5)SeiteiJikan=23.3s,OS=0mm**
9478 6)SeiteiJikan=23.9s,OS=1mm
9479 7)SeiteiJikan=29.7s,OS=0mm
9480 8)SeiteiJikan=29.8s,OS=0mm
9481 9)SeiteiJikan=34.0s,OS=0mm
9482 10)SeiteiJikan=41.5s,OS=0mm
9483 11)SeiteiJikan=40.7s,OS=0mm
9484 12)SeiteiJikan=39.3s,OS=0mm
9485 13)SeiteiJikan=44.8s,OS=0mm
9486 14)SeiteiJikan=33.0s,OS=0mm
9487 15)SeiteiJikan=35.6s,OS=0mm
9488 16)SeiteiJikan=42.1s,OS=0mm
9489 17)SeiteiJikan=98.4s,OS=515mm
9490 18)SeiteiJikan=25.3s,OS=355mm
9491 19)SeiteiJikan=30.5s,OS=0mm
9492 20)SeiteiJikan=29.9s,OS=0mm
9493 ##### Executing for result/Nl0ny2nul/cml0cr10
9494 0)SeiteiJikan=-1.0s,OS=2459mm
9495 1)SeiteiJikan=29.3s,OS=881mm
9496 2)SeiteiJikan=26.8s,OS=328mm
9497 3)SeiteiJikan=26.5s,OS=305mm
9498 4)SeiteiJikan=26.7s,OS=211mm***???
9499 5)SeiteiJikan=26.3s,OS=198mm
9500 6)SeiteiJikan=26.5s,OS=422mm
9501 7)SeiteiJikan=24.8s,OS=377mm
9502 8)SeiteiJikan=25.6s,OS=1328mm
9503 9)SeiteiJikan=29.7s,OS=1788mm
9504 10)SeiteiJikan=25.7s,OS=950mm
9505 11)SeiteiJikan=25.4s,OS=543mm
9506 12)SeiteiJikan=25.1s,OS=369mm
9507 13)SeiteiJikan=25.6s,OS=580mm
9508 14)SeiteiJikan=22.0s,OS=458mm
9509 15)SeiteiJikan=26.3s,OS=453mm
9510 16)SeiteiJikan=26.2s,OS=756mm
9511 17)SeiteiJikan=22.0s,OS=342mm
9512 18)SeiteiJikan=25.5s,OS=857mm
9513 19)SeiteiJikan=24.4s,OS=562mm
9514 20)SeiteiJikan=28.7s,OS=680mm
9515 ##### Executing for result/Nl0ny2nul/cml00cr10
9516 0)SeiteiJikan=-1.0s,OS=0mm
9517 1)SeiteiJikan=66.2s,OS=1844mm
9518 2)SeiteiJikan=23.4s,OS=374mm
9519 3)SeiteiJikan=20.7s,OS=0mm
9520 4)SeiteiJikan=16.5s,OS=0mm ***
9521 5)SeiteiJikan=26.8s,OS=0mm
9522 6)SeiteiJikan=-1.0s,OS=1947mm
9523 7)SeiteiJikan=99.7s,OS=202mm
9524 8)SeiteiJikan=20.6s,OS=0mm
9525 9)SeiteiJikan=23.4s,OS=0mm
9526 10)SeiteiJikan=25.1s,OS=0mm
9527 11)SeiteiJikan=27.8s,OS=0mm
9528 12)SeiteiJikan=28.6s,OS=8mm
9529 13)SeiteiJikan=24.6s,OS=8mm
9530 14)SeiteiJikan=27.3s,OS=0mm
9531 15)SeiteiJikan=28.9s,OS=2mm
9532 16)SeiteiJikan=17.8s,OS=2mm
9533 17)SeiteiJikan=-1.0s,OS=240mm
9534 18)SeiteiJikan=14.0s,OS=15mm
9535 19)SeiteiJikan=-1.0s,OS=305mm
9536 20)SeiteiJikan=13.6s,OS=32mm
9537 ##(2)
9538 1)SeiteiJikan=21.9s,OS=192mm#cr2cml0 by result/Nl0ny2nul/cml00cr10.net
9539 1)SeiteiJikan=16.6s,OS=3mm#cr2cm5 by result/Nl0ny2nul/cml00cr10.net
9540 1)SeiteiJikan=17.8s,OS=0mm#cr2cml00 by result/Nl0ny2nul/cml00cr10.net
9541 1)SeiteiJikan=18.5s,OS=24mm#cr6cml0 by result/Nl0ny2nul/cml00cr10.net
9542 1)SeiteiJikan=18.7s,OS=0mm#cr6cm5 by result/Nl0ny2nul/cml00cr10.net
9543 1)SeiteiJikan=20.7s,OS=0mm#cr6cml00 by result/Nl0ny2nul/cml00cr10.net
9544 1)SeiteiJikan=22.9s,OS=86mm#cr10cml0 by result/Nl0ny2nul/cml00cr10.net
9545 1)SeiteiJikan=19.3s,OS=0mm#cr10cm55 by result/Nl0ny2nul/cml00cr10.net
9546 1)SeiteiJikan=16.5s,OS=0mm#cr10cm100 by result/Nl0ny2nul/cml00cr10.net
9547 #####result for Nl0ny2nul #####
9548 (1) Nl0ny2nul
9549 #####
9550 ##### Executing for Nl0ny2nul/cml0cr2
9551 0)SeiteiJikan=-1.0s,OS=2278mm
9552 1)SeiteiJikan=17.5s,OS=100mm
9553 2)SeiteiJikan=25.5s,OS=145mm
9554 3)SeiteiJikan=24.7s,OS=130mm
9555 4)SeiteiJikan=24.6s,OS=125mm
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9556 5)SeiteiJikan=24.2s,OS=118mm
9557 6)SeiteiJikan=22.6s,OS=218mm
9558 7)SeiteiJikan=13.5s,OS=93mm ***
9559 8)SeiteiJikan=13.8s,OS=73mm
9560 9)SeiteiJikan=21.3s,OS=346mm
9561 10)SeiteiJikan=18.5s,OS=266mm
9562 11)SeiteiJikan=13.8s,OS=0mm ***
9563 12)SeiteiJikan=15.3s,OS=0mm
9564 13)SeiteiJikan=24.6s,OS=0mm
9565 14)SeiteiJikan=27.4s,OS=347mm
9566 15)SeiteiJikan=21.3s,OS=0mm
9567 16)SeiteiJikan=19.4s,OS=0mm
9568 17)SeiteiJikan=21.7s,OS=0mm
9569 18)SeiteiJikan=22.2s,OS=2mm
9570 19)SeiteiJikan=22.1s,OS=0mm
9571 20)SeiteiJikan=19.6s,OS=9mm
9572 ##### Executing for N10ny2nu2/cml00cr2
9573 0)SeiteiJikan=-1.0s,OS=0mm
9574 1)SeiteiJikan=-1.0s,OS=3480mm
9575 2)SeiteiJikan=-1.0s,OS=1330mm
9576 3)SeiteiJikan=21.9s,OS=18mm ***
9577 4)SeiteiJikan=25.5s,OS=127mm
9578 5)SeiteiJikan=24.6s,OS=0mm
9579 6)SeiteiJikan=22.0s,OS=132mm
9580 7)SeiteiJikan=25.2s,OS=0mm ***
9581 8)SeiteiJikan=30.7s,OS=0mm
9582 9)SeiteiJikan=35.0s,OS=0mm
9583 10)SeiteiJikan=-1.0s,OS=379mm
9584 11)SeiteiJikan=31.4s,OS=138mm
9585 12)SeiteiJikan=-1.0s,OS=6993mm
9586 13)SeiteiJikan=-1.0s,OS=7495mm
9587 14)SeiteiJikan=95.5s,OS=295mm
9588 15)SeiteiJikan=1.0s,OS=2592mm
9589 16)SeiteiJikan=1.0s,OS=3923mm
9590 17)SeiteiJikan=1.0s,OS=9474mm
9591 18)SeiteiJikan=1.0s,OS=2695mm
9592 19)SeiteiJikan=24.0s,OS=1361mm
9593 20)SeiteiJikan=-1.0s,OS=6068mm
9594 ##### Executing for N10ny2nu2/cml0cr10
9595 0)SeiteiJikan=-1.0s,OS=2459mm
9596 1)SeiteiJikan=28.4s,OS=33mm
9597 2)SeiteiJikan=17.3s,OS=97mm ***
9598 3)SeiteiJikan=25.6s,OS=106mm
9599 4)SeiteiJikan=26.6s,OS=110mm
9600 5)SeiteiJikan=26.1s,OS=130mm
9601 6)SeiteiJikan=25.4s,OS=135mm
9602 8)SeiteiJikan=25.7s,OS=124mm
9603 9)SeiteiJikan=32.0s,OS=169mm
9604 10)SeiteiJikan=26.3s,OS=142mm
9605 11)SeiteiJikan=19.1s,OS=103mm
9606 12)SeiteiJikan=14.2s,OS=66mm
9607 13)SeiteiJikan=20.7s,OS=464mm
9608 14)SeiteiJikan=16.0s,OS=93mm
9609 15)SeiteiJikan=12.2s,OS=85mm
9610 16)SeiteiJikan=20.6s,OS=193mm
9611 17)SeiteiJikan=23.0s,OS=53mm
9612 18)SeiteiJikan=17.5s,OS=23mm ***
9613 19)SeiteiJikan=25.9s,OS=120mm
9614 20)SeiteiJikan=22.9s,OS=68mm
9615 ##### Executing for N10ny2nu2/cml00cr10
9616 0)SeiteiJikan=-1.0s,OS=0mm
9617 1)SeiteiJikan=-1.0s,OS=943mm
9618 2)SeiteiJikan=33.7s,OS=1295mm
9619 3)SeiteiJikan=95.3s,OS=1958mm
9620 4)SeiteiJikan=25.0s,OS=37mm
9621 5)SeiteiJikan=26.2s,OS=0mm
9622 6)SeiteiJikan=24.9s,OS=0mm ***
9623 7)SeiteiJikan=28.9s,OS=0mm
9624 8)SeiteiJikan=28.3s,OS=32mm
9625 9)SeiteiJikan=-1.0s,OS=254mm
9626 10)SeiteiJikan=1.0s,OS=147mm
9627 11)SeiteiJikan=28.5s,OS=679mm
9628 12)SeiteiJikan=19.2s,OS=120mm***
9629 13)SeiteiJikan=27.4s,OS=4mm
9630 14)SeiteiJikan=31.6s,OS=0mm
9631 15)SeiteiJikan=27.8s,OS=0mm
9632 16)SeiteiJikan=31.2s,OS=0mm
9633 17)SeiteiJikan=28.5s,OS=0mm
9634 18)SeiteiJikan=33.0s,OS=0mm
9635 19)SeiteiJikan=30.7s,OS=0mm
9636 20)SeiteiJikan=30.8s,OS=0mm
9637 ##### (2) N10ny2nu2

9638 1)SeiteiJikan=21.9s,OS=0mm #cr2cml0 by all-net
9639 1)SeiteiJikan=24.7s,OS=0mm #cr2cm55 by all-net
9640 1)SeiteiJikan=25.6s,OS=0mm #cr2cml00 by all-net
9641 1)SeiteiJikan=22.9s,OS=1mm #cr6cml0 by all-net
9642 1)SeiteiJikan=21.3s,OS=1mm #cr6cm55 by all-net
9643 1)SeiteiJikan=24.1s,OS=0mm #cr6cml00 by all-net
9644 1)SeiteiJikan=22.9s,OS=13mm #cr10cml0 by all-net
9645 1)SeiteiJikan=20.2s,OS=0mm #cr10cm55 by all-net
9646 1)SeiteiJikan=25.5s,OS=0mm #cr10cml00 by all-net
9647 ##
9648 1)SeiteiJikan=13.8s,OS=0mm #cr2cml0 by N10ny2nu2/cml0cr2.net
9649 1)SeiteiJikan=16.0s,OS=110mm #cr2cm55 by N10ny2nu2/cml0cr2.net
9650 1)SeiteiJikan=26.6s,OS=231mm #cr2cml00 by N10ny2nu2/cml0cr2.net
9651 1)SeiteiJikan=13.7s,OS=2mm #cr6cml0 by N10ny2nu2/cml0cr2.net
9652 1)SeiteiJikan=22.6s,OS=91mm #cr6cm55 by N10ny2nu2/cml0cr2.net
9653 1)SeiteiJikan=26.5s,OS=441mm #cr6cml00 by N10ny2nu2/cml0cr2.net
9654 1)SeiteiJikan=22.4s,OS=39mm #cr10cml0 by N10ny2nu2/cml0cr2.net
9655 1)SeiteiJikan=22.4s,OS=253mm #cr10cm55 by N10ny2nu2/cml0cr2.net
9656 1)SeiteiJikan=26.6s,OS=335mm #cr10cml00 by N10ny2nu2/cml0cr2.net
9657 #
9658 1)SeiteiJikan=22.9s,OS=0mm #cr2cml0 by N10ny2nu2/cml00cr2.net
9659 1)SeiteiJikan=23.6s,OS=0mm #cr2cm55 by N10ny2nu2/cml00cr2.net
9660 1)SeiteiJikan=25.2s,OS=2mm #cr2cml00 by N10ny2nu2/cml00cr2.net
9661 1)SeiteiJikan=23.1s,OS=2mm #cr6cml0 by N10ny2nu2/cml00cr2.net
9662 1)SeiteiJikan=23.7s,OS=0mm #cr6cm55 by N10ny2nu2/cml00cr2.net
9663 1)SeiteiJikan=23.9s,OS=0mm #cr6cml00 by N10ny2nu2/cml00cr2.net
9664 1)SeiteiJikan=28.7s,OS=41mm #cr10cml0 by N10ny2nu2/cml00cr2.net
9665 1)SeiteiJikan=17.6s,OS=117mm #cr10cm55 by N10ny2nu2/cml00cr2.net
9666 1)SeiteiJikan=23.9s,OS=0mm #cr10cml00 by N10ny2nu2/cml00cr2.net
9667 #
9668 1)SeiteiJikan=20.5s,OS=0mm #cr2cml0 by N10ny2nu2/cml0cr10.net
9669 1)SeiteiJikan=17.0s,OS=0mm #cr2cm55 by N10ny2nu2/cml0cr10.net
9670 1)SeiteiJikan=15.7s,OS=1mm #cr2cml00 by N10ny2nu2/cml0cr10.net
9671 1)SeiteiJikan=17.7s,OS=1mm #cr6cml0 by N10ny2nu2/cml0cr10.net
9672 1)SeiteiJikan=21.2s,OS=0mm #cr6cm55 by N10ny2nu2/cml0cr10.net
9673 1)SeiteiJikan=17.2s,OS=0mm #cr6cml00 by N10ny2nu2/cml0cr10.net
9674 1)SeiteiJikan=17.5s,OS=23mm #cr10cml0 by N10ny2nu2/cml0cr10.net
9675 1)SeiteiJikan=18.2s,OS=0mm #cr10cm55 by N10ny2nu2/cml0cr10.net
9676 1)SeiteiJikan=15.7s,OS=2mm #cr10cml00 by N10ny2nu2/cml0cr10.net
9677 #
9678 1)SeiteiJikan=26.7s,OS=0mm #cr2cml0 by N10ny2nu2/cml00cr10.net
9679 1)SeiteiJikan=28.1s,OS=0mm #cr2cm55 by N10ny2nu2/cml00cr10.net
9680 1)SeiteiJikan=25.9s,OS=0mm #cr2cml00 by N10ny2nu2/cml00cr10.net
9681 1)SeiteiJikan=26.8s,OS=0mm #cr6cml0 by N10ny2nu2/cml00cr10.net
9682 1)SeiteiJikan=27.0s,OS=0mm #cr6cm55 by N10ny2nu2/cml00cr10.net
9683 1)SeiteiJikan=24.8s,OS=0mm #cr6cml00 by N10ny2nu2/cml00cr10.net
9684 1)SeiteiJikan=23.8s,OS=5mm #cr10cml0 by N10ny2nu2/cml00cr10.net
9685 1)SeiteiJikan=27.3s,OS=0mm #cr10cm55 by N10ny2nu2/cml00cr10.net
9686 1)SeiteiJikan=24.9s,OS=0mm #cr10cml00 by N10ny2nu2/cml00cr10.net
9687 ##### (2) N10ny2nu2f
9688 1)SeiteiJikan=17.9s,OS=3mm #cr2cml0 by all-net
9689 1)SeiteiJikan=17.7s,OS=0mm #cr2cm55 by all-net
9690 1)SeiteiJikan=22.8s,OS=0mm #cr2cml00 by all-net
9691 1)SeiteiJikan=17.4s,OS=15mm#cr6cml0 by all-net
9692 1)SeiteiJikan=17.4s,OS=0mm #cr6cm55 by all-net
9693 1)SeiteiJikan=22.1s,OS=0mm #cr6cml00 by all-net
9694 1)SeiteiJikan=16.7s,OS=84mm#cr10cml0 by all-net
9695 1)SeiteiJikan=19.0s,OS=0mm#cr10cm55 by all-net
9696 1)SeiteiJikan=19.6s,OS=0mm#cr10cml00 by all-net
9697 #
9698 1)SeiteiJikan=13.5s,OS=93mm #cr2cml0 by N10ny2nu2f/cml0cr2.net
9699 1)SeiteiJikan=21.6s,OS=421mm #cr2cm55 by N10ny2nu2f/cml0cr2.net
9700 1)SeiteiJikan=21.1s,OS=456mm #cr2cml00 by N10ny2nu2f/cml0cr2.net
9701 1)SeiteiJikan=14.7s,OS=44mm #cr6cml0 by N10ny2nu2f/cml0cr2.net
9702 1)SeiteiJikan=19.7s,OS=167mm #cr6cm55 by N10ny2nu2f/cml0cr2.net
9703 1)SeiteiJikan=21.2s,OS=397mm #cr6cml00 by N10ny2nu2f/cml0cr2.net
9704 1)SeiteiJikan=19.8s,OS=170mm #cr10cml0 by N10ny2nu2f/cml0cr2.net
9705 1)SeiteiJikan=19.8s,OS=250mm #cr10cm55 by N10ny2nu2f/cml0cr2.net
9706 1)SeiteiJikan=20.9s,OS=341mm #cr10cml00 by N10ny2nu2f/cml0cr2.net
9707 1)SeiteiJikan=25.2s,OS=0mm #cr2cm55 by N10ny2nu2f/cml00cr2.net
9708 1)SeiteiJikan=23.1s,OS=0mm #cr2cml00 by N10ny2nu2f/cml00cr2.net
9709 1)SeiteiJikan=26.3s,OS=3mm #cr6cml0 by N10ny2nu2f/cml00cr2.net
9710 1)SeiteiJikan=22.9s,OS=2mm #cr6cm55 by N10ny2nu2f/cml00cr2.net
9711 1)SeiteiJikan=21.0s,OS=46mm #cr6cml00 by N10ny2nu2f/cml00cr2.net
9712 1)SeiteiJikan=23.5s,OS=8mm #cr10cml0 by N10ny2nu2f/cml00cr2.net
9713 1)SeiteiJikan=22.8s,OS=4mm #cr10cm55 by N10ny2nu2f/cml00cr2.net
9714 1)SeiteiJikan=22.9s,OS=58mm #cr10cml00 by N10ny2nu2f/cml00cr2.net
9715 1)SeiteiJikan=17.3s,OS=44mm #cr2cm55 by N10ny2nu2f/cml0cr10.net
9716 1)SeiteiJikan=18.0s,OS=17mm #cr2cm55 by N10ny2nu2f/cml0cr10.net
9717 1)SeiteiJikan=18.9s,OS=0mm #cr2cml00 by N10ny2nu2f/cml0cr10.net
9718 1)SeiteiJikan=18.9s,OS=0mm #cr2cml00 by N10ny2nu2f/cml0cr10.net
9719 ##### (2) N10ny2nu2

9720 1)SeiteiJikan=17.3s,OS=60mm #cr6cm10 by N10ny2nu2f/cml0cr10.net
9721 1)SeiteiJikan=16.8s,OS=26mm #cr6cm55 by N10ny2nu2f/cml0cr10.net
9722 1)SeiteiJikan=19.6s,OS=0mm #cr6cm100 by N10ny2nu2f/cml0cr10.net
9723 1)SeiteiJikan=17.3s,OS=97mm #cr10cm10 by N10ny2nu2f/cml0cr10.net
9724 1)SeiteiJikan=17.6s,OS=17mm #cr10cm55 by N10ny2nu2f/cml0cr10.net
9725 1)SeiteiJikan=18.7s,OS=0mm #cr2cm10 by N10ny2nu2f/cml0cr10.net
9726 1)SeiteiJikan=25.3s,OS=0mm #cr2cm10 by N10ny2nu2f/cml0cr10.net
9727 1)SeiteiJikan=21.9s,OS=196mm #cr2cm55 by N10ny2nu2f/cml0cr10.net
9728 1)SeiteiJikan=14.1s,OS=56mm #cr2cm100 by N10ny2nu2f/cml0cr10.net
9729 1)SeiteiJikan=13.7s,OS=92mm #cr6cm10 by N10ny2nu2f/cml0cr10.net
9730 1)SeiteiJikan=17.7s,OS=114mm #cr6cm55 by N10ny2nu2f/cml0cr10.net
9731 1)SeiteiJikan=21.7s,OS=250mm #cr6cm100 by N10ny2nu2f/cml0cr10.net
9732 1)SeiteiJikan=15.4s,OS=91mm #cr10cm10 by N10ny2nu2f/cml0cr10.net
9733 1)SeiteiJikan=18.9s,OS=170mm #cr10cm55 by N10ny2nu2f/cml0cr10.net
9734 1)SeiteiJikan=19.2s,OS=120mm #cr10cm100 by N10ny2nu2f/cml0cr10.net
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11)SeiteiJikan=20.6s,OS=31mm
12)SeiteiJikan=21.8s,OS=134mm
13)SeiteiJikan=21.1s,OS=167mm
14)SeiteiJikan=12.6s,OS=100mm
15)SeiteiJikan=24.5s,OS=207mm
16)SeiteiJikan=23.3s,OS=163mm
17)SeiteiJikan=24.4s,OS=1mm
18)SeiteiJikan=29.4s,OS=367mm
19)SeiteiJikan=23.1s,OS=161mm
20)SeiteiJikan=23.9s,OS=0mm ***
Executing for N10ny3nu3/cml00cr2
9812 0)SeiteiJikan=-1.0s,OS=0mm
9813 1)SeiteiJikan=-1.0s,OS=0mm
9814 2)SeiteiJikan=-1.0s,OS=0mm
9815 3)SeiteiJikan=-1.0s,OS=48944mm
9816 4)SeiteiJikan=-1.0s,OS=15362mm
9817 5)SeiteiJikan=-1.0s,OS=6862mm
9818 6)SeiteiJikan=-1.0s,OS=4214mm
9819 7)SeiteiJikan=24.2s,OS=78mm
9820 8)SeiteiJikan=98.8s,OS=1091mm
9821 9)SeiteiJikan=27.6s,OS=260mm
9822 10)SeiteiJikan=43.8s,OS=2480mm
9823 11)SeiteiJikan=26.6s,OS=253mm
9824 12)SeiteiJikan=29.2s,OS=1026mm
9825 13)SeiteiJikan=28.4s,OS=587mm
9826 14)SeiteiJikan=25.9s,OS=174mm
9827 15)SeiteiJikan=20.3s,OS=34mm***
9828 16)SeiteiJikan=32.7s,OS=170mm
9829 17)SeiteiJikan=45.7s,OS=857mm
9830 18)SeiteiJikan=82.4s,OS=505mm
9831 19)SeiteiJikan=52.4s,OS=246mm
9832 20)SeiteiJikan=32.4s,OS=158mm
9833 ##### Executing for N10ny3nu3/cml0cr10
9834 0)SeiteiJikan=-1.0s,OS=2459mm
9835 1)SeiteiJikan=-1.0s,OS=1106mm
9836 2)SeiteiJikan=-1.0s,OS=386mm
9837 3)SeiteiJikan=-1.0s,OS=133mm
9838 4)SeiteiJikan=26.4s,OS=307mm
9839 5)SeiteiJikan=29.4s,OS=104mm
9840 6)SeiteiJikan=28.9s,OS=90mm**
9841 7)SeiteiJikan=23.1s,OS=59mm**
9842 8)SeiteiJikan=20.4s,OS=532mm
9843 9)SeiteiJikan=23.1s,OS=222mm
9844 10)SeiteiJikan=16.7s,OS=82mm
9845 11)SeiteiJikan=21.0s,OS=305mm
9846 12)SeiteiJikan=33.0s,OS=587mm
9847 13)SeiteiJikan=28.4s,OS=27mm***
9848 14)SeiteiJikan=29.2s,OS=29mm
9849 15)SeiteiJikan=28.5s,OS=26mm
9850 16)SeiteiJikan=22.9s,OS=31mm
9851 17)SeiteiJikan=29.2s,OS=54mm
9852 18)SeiteiJikan=34.3s,OS=35mm
9853 19)SeiteiJikan=23.7s,OS=68mm
9854 20)SeiteiJikan=23.2s,OS=49mm
9855 ##### Executing for N10ny3nu3/cml00cr10
9856 0)SeiteiJikan=-1.0s,OS=0mm
9857 1)SeiteiJikan=-1.0s,OS=823mm
9858 2)SeiteiJikan=-1.0s,OS=0mm
9859 3)SeiteiJikan=-1.0s,OS=0mm
9860 4)SeiteiJikan=-1.0s,OS=0mm
9861 5)SeiteiJikan=-1.0s,OS=4815mm
9862 6)SeiteiJikan=-1.0s,OS=13087mm
9863 7)SeiteiJikan=-1.0s,OS=25119mm
9864 8)SeiteiJikan=-1.0s,OS=8084mm
9865 9)SeiteiJikan=-1.0s,OS=12517mm
9866 10)SeiteiJikan=-1.0s,OS=15116mm
9867 11)SeiteiJikan=-1.0s,OS=4641mm
9868 12)SeiteiJikan=-1.0s,OS=26644mm
9869 13)SeiteiJikan=-1.0s,OS=2976mm
9870 14)SeiteiJikan=-1.0s,OS=6637mm
9871 15)SeiteiJikan=-1.0s,OS=43402mm
9872 16)SeiteiJikan=-1.0s,OS=39765mm
9873 17)SeiteiJikan=-1.0s,OS=14722mm
9874 18)SeiteiJikan=-1.0s,OS=11474mm
9875 19)SeiteiJikan=-1.0s,OS=27235mm
9876 20)SeiteiJikan=-1.0s,OS=27235mm
9877 #####result for N10ny4nu4 #####
9878 ##### Executing for N10ny4nu4/cml0cr2
9879 0)SeiteiJikan=-1.0s,OS=2278mm
9880 1)SeiteiJikan=31.5s,OS=102mm
9881 2)SeiteiJikan=27.7s,OS=13mm
9882 3)SeiteiJikan=23.4s,OS=110mm
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9884 4)SeiteiJikan=16.0s,OS=76mm
9885 5)SeiteiJikan=21.9s,OS=100mm
9886 6)SeiteiJikan=15.6s,OS=82mm
9887 7)SeiteiJikan=24.8s,OS=148mm
9888 8)SeiteiJikan=32.1s,OS=490mm
9889 9)SeiteiJikan=16.5s,OS=94mm
9890 10)SeiteiJikan=17.1s,OS=55mm
9891 11)SeiteiJikan=24.5s,OS=114mm
9892 12)SeiteiJikan=19.2s,OS=17mm
9893 13)SeiteiJikan=16.2s,OS=82mm
9894 14)SeiteiJikan=16.1s,OS=59mm
9895 15)SeiteiJikan=16.2s,OS=82mm
9896 16)SeiteiJikan=24.0s,OS=114mm
9897 17)SeiteiJikan=17.3s,OS=39mm
9898 18)SeiteiJikan=15.6s,OS=89mm
9899 19)SeiteiJikan=16.8s,OS=32mm
9900 20)SeiteiJikan=24.1s,OS=2mm
9901 ##### Executing for N10ny4nu4/cml00cr2
9902 0)SeiteiJikan=-1.0s,OS=0mm
9903 1)SeiteiJikan=44.2s,OS=261mm
9904 2)SeiteiJikan=29.5s,OS=318mm
9905 3)SeiteiJikan=23.9s,OS=276mm
9906 4)SeiteiJikan=26.2s,OS=254mm
9907 5)SeiteiJikan=26.3s,OS=158mm
9908 6)SeiteiJikan=26.6s,OS=166mm
9909 7)SeiteiJikan=22.8s,OS=105mm
9910 8)SeiteiJikan=25.1s,OS=120mm
9911 9)SeiteiJikan=29.4s,OS=331mm
9912 10)SeiteiJikan=25.4s,OS=212mm
9913 11)SeiteiJikan=16.1s,OS=76mm
9914 12)SeiteiJikan=25.9s,OS=238mm
9915 13)SeiteiJikan=22.2s,OS=208mm
9916 14)SeiteiJikan=18.1s,OS=96mm
9917 15)SeiteiJikan=26.1s,OS=133mm
9918 16)SeiteiJikan=18.2s,OS=45mm
9919 17)SeiteiJikan=16.2s,OS=86mm
9920 18)SeiteiJikan=14.6s,OS=90mm
9921 19)SeiteiJikan=17.2s,OS=4mm
9922 20)SeiteiJikan=15.8s,OS=77mm
9923 ##### Executing for N10ny4nu4/cml0cr10
9924 0)SeiteiJikan=-1.0s,OS=2459mm
9925 1)SeiteiJikan=97.5s,OS=653mm
9926 2)SeiteiJikan=-1.0s,OS=1732mm
9927 3)SeiteiJikan=36.3s,OS=652mm
9928 4)SeiteiJikan=25.2s,OS=112mm
9929 5)SeiteiJikan=31.3s,OS=143mm
9930 6)SeiteiJikan=23.4s,OS=36mm
9931 7)SeiteiJikan=25.9s,OS=324mm
9932 8)SeiteiJikan=34.9s,OS=126mm
9933 9)SeiteiJikan=24.3s,OS=158mm
9934 10)SeiteiJikan=27.0s,OS=2167mm
9935 11)SeiteiJikan=34.0s,OS=35mm
9936 12)SeiteiJikan=34.0s,OS=42mm
9937 13)SeiteiJikan=33.9s,OS=53mm
9938 14)SeiteiJikan=37.5s,OS=1940mm
9939 15)SeiteiJikan=27.9s,OS=52mm
9940 16)SeiteiJikan=27.8s,OS=114mm
9941 17)SeiteiJikan=22.9s,OS=39mm
9942 18)SeiteiJikan=22.6s,OS=72mm
9943 19)SeiteiJikan=22.1s,OS=41mm
9944 20)SeiteiJikan=28.7s,OS=732mm
9945 ##### Executing for N10ny4nu4/cml00cr10
9946 0)SeiteiJikan=-1.0s,OS=0mm
9947 1)SeiteiJikan=99.6s,OS=1804mm
9948 2)SeiteiJikan=30.0s,OS=3mm
9949 3)SeiteiJikan=85.3s,OS=4433mm
9950 4)SeiteiJikan=64.1s,OS=5880mm
9951 5)SeiteiJikan=74.7s,OS=3090mm
9952 6)SeiteiJikan=47.2s,OS=1877mm
9953 7)SeiteiJikan=-1.0s,OS=9519mm
9954 8)SeiteiJikan=-1.0s,OS=13356mm
9955 9)SeiteiJikan=88.6s,OS=4319mm
9956 10)SeiteiJikan=-1.0s,OS=7881mm
9957 11)SeiteiJikan=-1.0s,OS=8220mm
9958 12)SeiteiJikan=-1.0s,OS=7614mm
9959 13)SeiteiJikan=-1.0s,OS=2197mm
9960 14)SeiteiJikan=29.3s,OS=212mm
9961 15)SeiteiJikan=35.7s,OS=535mm
9962 16)SeiteiJikan=53.4s,OS=313mm
9963 17)SeiteiJikan=71.7s,OS=2054mm
9964 18)SeiteiJikan=19.2s,OS=7mm
9965 19)SeiteiJikan=32.0s,OS=5244mm
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9966 20)SeiteiJikan=39.7s,OS=112mm
9967 #####(2)ny4nu4
9968 1)SeiteiJikan=23.7s,OS=0mm#cr2cml0 by all-net
9969 1)SeiteiJikan=20.7s,OS=0mm#cr2cm5 by all-net
9970 1)SeiteiJikan=24.8s,OS=2mm#cr2cml00 by all-net
9971 1)SeiteiJikan=23.1s,OS=3mm#cr6cm10 by all-net
9972 1)SeiteiJikan=24.9s,OS=0mm#cr6cm5 by all-net
9973 1)SeiteiJikan=38.7s,OS=314mm#cr6cm100 by all-net NG
9974 1)SeiteiJikan=34.5s,OS=22mm#cr10cml0 by all-net
9975 1)SeiteiJikan=30.4s,OS=0mm#cr10cm5 by all-net
9976 1)SeiteiJikan=28.8s,OS=0mm#cr10cml00 by all-net
9977 #1821)SeiteiJikan=21.2s,OS=5mm #cr2cml0 by all-net
9978 #1821)SeiteiJikan=19.4s,OS=6mm #cr2cm5 by all-net
9979 #1821)SeiteiJikan=19.9s,OS=1mm #cr2cml00 by all-net
9980 #1821)SeiteiJikan=23.4s,OS=10mm #cr6cm10 by all-net
9981 #1821)SeiteiJikan=15.0s,OS=19mm #cr6cm5 by all-net
9982 #1821)SeiteiJikan=24.8s,OS=10mm #cr6cm100 by all-net
9983 #1821)SeiteiJikan=28.5s,OS=45mm #cr10cml0 by all-net
9984 #1821)SeiteiJikan=29.7s,OS=0mm #cr10cm5 by all-net
9985 #1821)SeiteiJikan=17.0s,OS=0mm #cr10cml00 by all-net
9986 ##
9987 1)SeiteiJikan=24.1s,OS=2mm #cr2cml0 by N10ny4nu4/cml0cr2.net
9988 1)SeiteiJikan=27.0s,OS=0mm #cr2cm5 by N10ny4nu4/cml0cr2.net
9989 1)SeiteiJikan=29.9s,OS=0mm #cr2cml00 by N10ny4nu4/cml0cr2.net
9990 1)SeiteiJikan=22.8s,OS=8mm #cr6cm10 by N10ny4nu4/cml0cr2.net
9991 1)SeiteiJikan=27.4s,OS=0mm #cr6cm5 by N10ny4nu4/cml0cr2.net
9992 1)SeiteiJikan=29.5s,OS=56mm #cr6cm100 by N10ny4nu4/cml0cr2.net
9993 1)SeiteiJikan=23.2s,OS=56mm #cr10cml0 by N10ny4nu4/cml0cr2.net
9994 1)SeiteiJikan=26.3s,OS=0mm #cr10cm5 by N10ny4nu4/cml0cr2.net
9995 1)SeiteiJikan=29.7s,OS=0mm #cr10cml00 by N10ny4nu4/cml0cr2.net
9996 ##
9997 1)SeiteiJikan=16.5s,OS=91mm #cr2cml0 by N10ny4nu4/cml00cr2.net
9998 1)SeiteiJikan=17.2s,OS=67mm #cr2cm5 by N10ny4nu4/cml00cr2.net
9999 1)SeiteiJikan=17.2s,OS=1mm #cr2cml00 by N10ny4nu4/cml00cr2.net
10000 1)SeiteiJikan=16.3s,OS=88mm #cr6cm10 by N10ny4nu4/cml00cr2.net
10001 1)SeiteiJikan=16.6s,OS=56mm #cr6cm5 by N10ny4nu4/cml00cr2.net
10002 1)SeiteiJikan=16.7s,OS=78mm #cr6cm100 by N10ny4nu4/cml00cr2.net
10003 1)SeiteiJikan=25.6s,OS=150mm #cr10cml0 by N10ny4nu4/cml00cr2.net
10004 1)SeiteiJikan=15.7s,OS=42mm #cr10cm5 by N10ny4nu4/cml00cr2.net
10005 1)SeiteiJikan=16.6s,OS=26mm #cr10cml00 by N10ny4nu4/cml00cr2.net
10006 ##
10007 1)SeiteiJikan=31.1s,OS=0mm #cr2cml0 by N10ny4nu4/cml0cr10.net
10008 1)SeiteiJikan=30.6s,OS=0mm #cr2cm5 by N10ny4nu4/cml0cr10.net
10009 1)SeiteiJikan=31.9s,OS=51mm #cr2cml00 by N10ny4nu4/cml0cr10.net
10010 1)SeiteiJikan=31.3s,OS=13mm #cr6cm10 by N10ny4nu4/cml0cr10.net
10011 1)SeiteiJikan=33.1s,OS=3mm #cr6cm5 by N10ny4nu4/cml0cr10.net
10012 1)SeiteiJikan=39.5s,OS=4mm #cr6cm100 by N10ny4nu4/cml0cr10.net
10013 1)SeiteiJikan=34.0s,OS=35mm #cr10cml0 by N10ny4nu4/cml0cr10.net
10014 1)SeiteiJikan=30.1s,OS=1mm #cr10cm5 by N10ny4nu4/cml0cr10.net
10015 1)SeiteiJikan=32.4s,OS=4mm #cr10cml00 by N10ny4nu4/cml0cr10.net
10016 ##
10017 1)SeiteiJikan=73.8s,OS=0mm#cr2cml0 by result/N10ny4nu4/cml00cr10.net
10018 1)SeiteiJikan=73.5s,OS=1718mm#cr2cm5 by result/N10ny4nu4/cml00cr10.net
10019 1)SeiteiJikan=-1.0s,OS=4258mm#cr2cml00 by result/N10ny4nu4/cml00cr10.net
10020 1)SeiteiJikan=23.6s,OS=10mm#cr6cm10 by result/N10ny4nu4/cml00cr10.net
10021 1)SeiteiJikan=26.9s,OS=12mm#cr6cm5 by result/N10ny4nu4/cml00cr10.net
10022 1)SeiteiJikan=-1.0s,OS=2222mm#cr6cm100 by result/N10ny4nu4/cml00cr10.net
10023 1)SeiteiJikan=39.9s,OS=100mm#cr10cml0 by result/N10ny4nu4/cml00cr10.net
10024 1)SeiteiJikan=-1.0s,OS=3153mm#cr10cm5 by result/N10ny4nu4/cml00cr10.net
10025 1)SeiteiJikan=30.0s,OS=3mm#cr10cml00 by result/N10ny4nu4/cml00cr10.net
10026
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10029 #1821)SeiteiJikan=17.6s,OS=50mm #cr2cml0 by N10ny4nu4/cml00cr10.net
10030 #1821)SeiteiJikan=22.4s,OS=150mm #cr2cm5 by N10ny4nu4/cml00cr10.net
10031 #1821)SeiteiJikan=13.9s,OS=66mm #cr2cml00 by N10ny4nu4/cml00cr10.net
10032 #1821)SeiteiJikan=24.4s,OS=112mm #cr6cm10 by N10ny4nu4/cml00cr10.net
10033 #1821)SeiteiJikan=16.3s,OS=85mm #cr6cm5 by N10ny4nu4/cml00cr10.net
10034 #1821)SeiteiJikan=20.3s,OS=156mm #cr6cm100 by N10ny4nu4/cml00cr10.net
10035 #1821)SeiteiJikan=25.5s,OS=119mm #cr10cml0 by N10ny4nu4/cml00cr10.net
10036 #1821)SeiteiJikan=17.7s,OS=36mm #cr10cm5 by N10ny4nu4/cml00cr10.net
10037 #1821)SeiteiJikan=19.2s,OS=7mm #cr10cml00 by N10ny4nu4/cml00cr10.net
10038
10039
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10041 #####
10042 #####
10043 (0) itを求め
10044 (1) net>アイルの作成
10045 dst=N5ny3nu3;if [ -d $dst ] ; then echo $dst ; else mkdir $dst ; fi
10046 dst=N5ny2nu2;if [ -d $dst ] ; then echo $dst ; else mkdir $dst ; fi
10047 dst=N5ny4nu4;if [ -d $dst ] ; then echo $dst ; else mkdir $dst ; fi
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10048 dat=N5ny5nu5;if [ -d $dst ] ; then echo $dst ; else mkdir $dst ; fi
10049 x=5;N=5;it=20;iti=2;umax=20;ky=0.1;c=0.5;fa=""
10050 for cr in 2 10; do for cm in 10 100; do
10051 echo "##### Executing for ${dst}/${cm}${cr}${cr}"
10052 #####
10053 ##for ny=nu=4 itmax=20 below
10054 if [ "$cm" = "10" -a "$cr" = "2" ] ; then it=8 ; fi #
10055 if [ "$cm" = "100" -a "$cr" = "2" ] ; then it=2 ; fi
10056 if [ "$cm" = "10" -a "$cr" = "10" ] ; then it=5 ; fi
10057 if [ "$cm" = "100" -a "$cr" = "10" ] ; then it=24 ; fi #
10058 ##for ny=nu=3 itmax=20 below
10059 if [ "$cm" = "10" -a "$cr" = "2" ] ; then it=19 ; fi #
10060 if [ "$cm" = "100" -a "$cr" = "2" ] ; then it=15 ; fi
10061 if [ "$cm" = "10" -a "$cr" = "10" ] ; then it=12; fi
10062 if [ "$cm" = "100" -a "$cr" = "10" ] ; then exit ; fi #actually impossible
10063 #####
10064 ##for ny=nu=2 itmax=20 below
10065 if [ "$cm" = "10" -a "$cr" = "2" ] ; then it=7 ; fi #
10066 if [ "$cm" = "100" -a "$cr" = "2" ] ; then it=17 ; fi
10067 if [ "$cm" = "10" -a "$cr" = "10" ] ; then it=16; fi
10068 if [ "$cm" = "100" -a "$cr" = "10" ] ; then it=11 ; fi #
10069 #####
10070 ##for ny=nu=2 itmax=50 below
10071 if [ "$cm" = "10" -a "$cr" = "2" ] ; then it=46 ; fi #
10072 if [ "$cm" = "100" -a "$cr" = "2" ] ; then it=30 ; fi
10073 if [ "$cm" = "10" -a "$cr" = "10" ] ; then it=44; fi
10074 if [ "$cm" = "100" -a "$cr" = "10" ] ; then it=28 ; fi #
10075 #####
10076 time emulate_crane2 it:${iti} $iti r:$r cr:$cr cm:$cm cc:$cc umax:$umax tt:100 kxt:1 method:1:$N DISP
:
10077 f=${dst}/${cm}${cr}${cr}.net;cp can2b.net $fi; echo "##### Done: cp can2b.net $fi;fa=${fa};$f
10078 #f=can2b_N${ny}2nu2cm${cm}${cr}${cr}.net;cp can2b.net $fi; echo "##### Done: cp can2b.net $f;fa=${f
a};$f
10079 done ; done
10080 #####
10081 can2b_N5ny2nu2cm10cr2.net
10082 1)SeiteiJikan=25.5s,OS=127mm
10083 2)SeiteiJikan=22.1s,OS=110mm
10084 3)SeiteiJikan=20.9s,OS=101mm
10085 4)SeiteiJikan=19.2s,OS=203mm
10086 5)SeiteiJikan=15.0s,OS=47mm
10087 6)SeiteiJikan=13.5s,OS=50mm
10088 7)SeiteiJikan=16.2s,OS=3mm
10089 8)SeiteiJikan=22.4s,OS=303mm
10090 9)SeiteiJikan=12.7s,OS=96mm
10091 10)SeiteiJikan=13.1s,OS=27mm
10092 11)SeiteiJikan=15.3s,OS=26mm
10093 12)SeiteiJikan=15.8s,OS=58mm
10094 13)SeiteiJikan=16.2s,OS=47mm
10095 14)SeiteiJikan=26.7s,OS=265mm
10096 15)SeiteiJikan=18.0s,OS=271mm
10097 16)SeiteiJikan=18.1s,OS=104mm
10098 17)SeiteiJikan=16.9s,OS=101mm
10099 18)SeiteiJikan=19.4s,OS=106mm
10100 19)SeiteiJikan=15.7s,OS=85mm
10101 20)SeiteiJikan=16.1s,OS=9mm
10102 21)SeiteiJikan=17.6s,OS=0mm
10103 22)SeiteiJikan=15.2s,OS=6mm
10104 23)SeiteiJikan=22.5s,OS=202mm
10105 24)SeiteiJikan=17.7s,OS=6mm
10106 25)SeiteiJikan=17.9s,OS=0mm
10107 26)SeiteiJikan=13.8s,OS=56mm
10108 27)SeiteiJikan=24.0s,OS=296mm
10109 28)SeiteiJikan=22.6s,OS=126mm
10110 29)SeiteiJikan=15.3s,OS=14mm
10111 30)SeiteiJikan=15.2s,OS=61mm
10112 31)SeiteiJikan=13.3s,OS=85mm
10113 32)SeiteiJikan=14.1s,OS=57mm
10114 33)SeiteiJikan=18.2s,OS=116mm
10115 34)SeiteiJikan=15.6s,OS=9mm
10116 35)SeiteiJikan=22.7s,OS=179mm
10117 36)SeiteiJikan=18.6s,OS=12mm
10118 37)SeiteiJikan=26.9s,OS=159mm
10119 38)SeiteiJikan=25.0s,OS=345mm
10120 39)SeiteiJikan=14.9s,OS=45mm
10121 40)SeiteiJikan=15.7s,OS=38mm
10122 41)SeiteiJikan=21.3s,OS=121mm
10123 42)SeiteiJikan=16.2s,OS=16mm
10124 43)SeiteiJikan=22.3s,OS=150mm
10125 44)SeiteiJikan=14.3s,OS=54mm
10126 45)SeiteiJikan=14.4s,OS=52mm
10127 46)SeiteiJikan=14.5s,OS=0mm ***(<50)
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```
10128 47)SeiteiJikan=13.7s,OS=14mm
10129 48)SeiteiJikan=13.7s,OS=64mm
10130 49)SeiteiJikan=15.9s,OS=78mm
10131 50)SeiteiJikan=18.3s,OS=19mm
10132
can2b_N5ny2nu2cm100cr2.net
10133 1)SeiteiJikan=1.0s,OS=3648mm
10134 2)SeiteiJikan=38.7s,OS=0mm
10135 3)SeiteiJikan=32.4s,OS=5mm
10136 4)SeiteiJikan=34.2s,OS=0mm
10137 5)SeiteiJikan=43.0s,OS=0mm
10138 6)SeiteiJikan=39.0s,OS=1425mm
10139 7)SeiteiJikan=82.2s,OS=84mm
10140 8)SeiteiJikan=18.8s,OS=192mm
10141 9)SeiteiJikan=24.2s,OS=0mm
10142 10)SeiteiJikan=22.7s,OS=0mm
10143 11)SeiteiJikan=43.7s,OS=0mm
10144 12)SeiteiJikan=94.9s,OS=0mm
10145 13)SeiteiJikan=45.4s,OS=0mm
10146 14)SeiteiJikan=59.5s,OS=114mm
10147 15)SeiteiJikan=30.8s,OS=0mm
10148 16)SeiteiJikan=19.6s,OS=0mm ***(<20)
10149 17)SeiteiJikan=26.1s,OS=0mm
10150 18)SeiteiJikan=46.5s,OS=0mm
10151 19)SeiteiJikan=72.5s,OS=0mm
10152 20)SeiteiJikan=50.9s,OS=1053mm
10153 21)SeiteiJikan=29.4s,OS=74mm
10154 22)SeiteiJikan=31.3s,OS=176mm
10155 23)SeiteiJikan=32.9s,OS=0mm
10156 24)SeiteiJikan=18.7s,OS=8mm
10157 25)SeiteiJikan=25.4s,OS=144mm
10158 26)SeiteiJikan=50.8s,OS=0mm
10159 27)SeiteiJikan=1.0s,OS=214mm
10160 28)SeiteiJikan=29.6s,OS=873mm
10161 29)SeiteiJikan=18.7s,OS=0mm ***(<50)
10162 30)SeiteiJikan=26.6s,OS=327mm
10163 31)SeiteiJikan=26.8s,OS=0mm
10164 32)SeiteiJikan=26.8s,OS=0mm
10165 33)SeiteiJikan=26.9s,OS=6mm
10166 34)SeiteiJikan=28.4s,OS=0mm
10167 35)SeiteiJikan=1.0s,OS=86mm
10168 36)SeiteiJikan=32.3s,OS=9mm
10169 37)SeiteiJikan=61.1s,OS=0mm
10170 38)SeiteiJikan=72.3s,OS=473mm
10171 39)SeiteiJikan=28.4s,OS=73mm
10172 40)SeiteiJikan=-1.0s,OS=742mm
10173 41)SeiteiJikan=21.6s,OS=27mm
10174 42)SeiteiJikan=27.3s,OS=7mm
10175 43)SeiteiJikan=33.0s,OS=105mm
10176 44)SeiteiJikan=50.1s,OS=248mm
10177 45)SeiteiJikan=19.1s,OS=64mm
10178 46)SeiteiJikan=24.2s,OS=25mm
10179 47)SeiteiJikan=29.4s,OS=0mm
10180 48)SeiteiJikan=20.2s,OS=34mm
10181 49)SeiteiJikan=42.6s,OS=1388mm
10182 50)SeiteiJikan=25.7s,OS=115mm
10183
can2b_N5ny2nu2cm10cr10.net
10184 1)SeiteiJikan=25.7s,OS=123mm
10185 2)SeiteiJikan=26.1s,OS=163mm
10186 3)SeiteiJikan=27.0s,OS=228mm
10187 4)SeiteiJikan=18.2s,OS=83mm
10188 5)SeiteiJikan=20.2s,OS=369mm
10189 6)SeiteiJikan=25.4s,OS=610mm
10190 7)SeiteiJikan=22.8s,OS=42mm
10191 8)SeiteiJikan=23.4s,OS=70mm
10192 9)SeiteiJikan=22.7s,OS=95mm
10193 10)SeiteiJikan=25.8s,OS=124mm
10194 11)SeiteiJikan=22.6s,OS=38mm
10195 12)SeiteiJikan=19.8s,OS=132mm
10196 13)SeiteiJikan=22.1s,OS=34mm ***(<20)
10197 14)SeiteiJikan=19.5s,OS=126mm
10198 15)SeiteiJikan=25.4s,OS=168mm
10199 16)SeiteiJikan=19.7s,OS=139mm
10200 17)SeiteiJikan=25.4s,OS=168mm
10201 18)SeiteiJikan=16.2s,OS=109mm
10202 19)SeiteiJikan=16.8s,OS=42mm
10203 20)SeiteiJikan=17.4s,OS=67mm
10204 21)SeiteiJikan=16.9s,OS=52mm
10205 22)SeiteiJikan=14.5s,OS=0mm
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10210 26)SeiteiJikan=17.1s,OS=70mm
10211 27)SeiteiJikan=26.1s,OS=205mm
10212 28)SeiteiJikan=26.3s,OS=176mm
10213 29)SeiteiJikan=20.3s,OS=161mm
10214 30)SeiteiJikan=20.9s,OS=360mm
10215 31)SeiteiJikan=20.2s,OS=182mm
10216 32)SeiteiJikan=20.1s,OS=296mm
10217 33)SeiteiJikan=20.1s,OS=435mm
10218 34)SeiteiJikan=31.5s,OS=2041mm
10219 35)SeiteiJikan=25.7s,OS=236mm
10220 36)SeiteiJikan=26.3s,OS=251mm
10221 37)SeiteiJikan=26.5s,OS=161mm
10222 38)SeiteiJikan=25.9s,OS=160mm
10223 39)SeiteiJikan=26.8s,OS=111mm
10224 40)SeiteiJikan=26.6s,OS=174mm
10225 41)SeiteiJikan=27.0s,OS=160mm
10226 42)SeiteiJikan=16.5s,OS=68mm
10227 43)SeiteiJikan=26.4s,OS=142mm
10228 44)SeiteiJikan=21.9s,OS=21mm
10229 45)SeiteiJikan=23.4s,OS=41mm
10230 46)SeiteiJikan=23.2s,OS=72mm
10231 47)SeiteiJikan=26.3s,OS=150mm
10232 48)SeiteiJikan=32.2s,OS=226mm
10233 49)SeiteiJikan=18.2s,OS=68mm
10234 50)SeiteiJikan=32.6s,OS=183mm
10235
10236 can2b_N5ny2nu2cm100cr10.net
10237 1)SeiteiJikan=32.6s,OS=48mm
10238 3)SeiteiJikan=34.0s,OS=0mm
10239 4)SeiteiJikan=-1.0s,OS=3320mm
10240 5)SeiteiJikan=-1.0s,OS=8971mm
10241 6)SeiteiJikan=-1.0s,OS=6782mm
10242 7)SeiteiJikan=23.3s,OS=5mm
10243 8)SeiteiJikan=23.3s,OS=5mm
10244 9)SeiteiJikan=-1.0s,OS=395mm
10245 10)SeiteiJikan=-1.0s,OS=101mm
10246 11)SeiteiJikan=23.2s,OS=0mm
10247 12)SeiteiJikan=23.9s,OS=0mm
10248 13)SeiteiJikan=30.4s,OS=0mm
10249 14)SeiteiJikan=32.0s,OS=0mm
10250 15)SeiteiJikan=25.1s,OS=15mm
10251 16)SeiteiJikan=33.0s,OS=0mm
10252 17)SeiteiJikan=35.0s,OS=0mm
10253 18)SeiteiJikan=35.2s,OS=0mm
10254 19)SeiteiJikan=27.5s,OS=8mm
10255 20)SeiteiJikan=26.8s,OS=165mm
10256 21)SeiteiJikan=48.4s,OS=5899mm
10257 22)SeiteiJikan=23.1s,OS=17mm
10258 23)SeiteiJikan=36.6s,OS=115mm
10259 24)SeiteiJikan=28.2s,OS=1mm
10260 25)SeiteiJikan=40.5s,OS=126mm
10261 26)SeiteiJikan=17.2s,OS=31mm
10262 27)SeiteiJikan=23.1s,OS=0mm ***
10263 28)SeiteiJikan=22.3s,OS=0mm
10264 29)SeiteiJikan=26.8s,OS=0mm
10265 30)SeiteiJikan=28.9s,OS=0mm
10266 31)SeiteiJikan=28.7s,OS=0mm
10267 32)SeiteiJikan=26.4s,OS=0mm
10268 33)SeiteiJikan=29.7s,OS=0mm
10269 34)SeiteiJikan=26.7s,OS=118mm
10270 35)SeiteiJikan=32.0s,OS=0mm
10271 36)SeiteiJikan=29.1s,OS=21mm
10272 37)SeiteiJikan=29.1s,OS=0mm
10273 38)SeiteiJikan=19.9s,OS=206mm
10274 39)SeiteiJikan=19.8s,OS=0mm
10275 40)SeiteiJikan=30.1s,OS=147mm
10276 41)SeiteiJikan=25.9s,OS=0mm
10277 42)SeiteiJikan=26.2s,OS=0mm
10278 43)SeiteiJikan=41.6s,OS=0mm
10279 44)SeiteiJikan=24.1s,OS=0mm
10280 45)SeiteiJikan=25.9s,OS=0mm
10281 46)SeiteiJikan=26.8s,OS=9mm
10282 47)SeiteiJikan=25.9s,OS=1mm
10283 48)SeiteiJikan=30.0s,OS=0mm
10284 49)SeiteiJikan=26.9s,OS=0mm
10285 50)SeiteiJikan=25.9s,OS=0mm
10286
10287 (2)ネットを用いた制御実験: 整定時間とオーバーシュートの取得
10288 #####
10289 dst=N5ny2nu2;if [ -d $dst ] ; then echo $dst ; else mkdir $dst ; fi
10290 dst=N5ny4nu4;if [ -d $dst ] ; then echo $dst ; else mkdir $dst ; fi
10291 r=5;N=5;t=20;ci=2;umax=20;ky=0.1;rc=0.5;fa=**;
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```
10292 f1=$dst/cml0cr2.net
10293 f2=$dst/cml00cr2.net
10294 f3=$dst/cml0cr10.net
10295 f4=$dst/cml00cr10.net
10296 fa=${f1}:${f2}:${f3}:${f4}
10297 for f in $fa; do for cr in 2 6 10; do for cm in 10 55 100; do
10298 #for f in $f1 $f2 $f3 $f4 $fa; do for cr in 2 6 10; do for cm in 10 55 100; do
10299 it=1;emulate_crane2 it:${it}:3 r:$r cr:$cr cm:$cm c:$cC umax:$umax tt:100 kxt:1 method:2;$N;$f
10300 if [ "$gf" = "$fa" ] ; then echo "#cr${cr}${cm} by all-net" ; else echo "#cr${cr}${cm} by $f" ; fi
10301 done ; done ; done
10302 (2) ny2nu2 #itmax=20
10303 1)SeiteiJikan=14.8s,OS=45mm #cr2cm10 by all-net
10304 1)SeiteiJikan=16.8s,OS=4mm #cr2cm55 by all-net
10305 1)SeiteiJikan=16.9s,OS=0mm #cr2cm100 by all-net
10306 1)SeiteiJikan=14.5s,OS=44mm #cr6cm10 by all-net
10307 1)SeiteiJikan=18.7s,OS=0mm #cr6cm55 by all-net
10308 1)SeiteiJikan=22.7s,OS=333mm #cr6cm100 by all-net
10309 1)SeiteiJikan=19.9s,OS=116mm #cr10cm10 by all-net
10310 1)SeiteiJikan=15.9s,OS=94mm #cr10cm55 by all-net
10311 1)SeiteiJikan=14.7s,OS=87mm #cr10cm100 by all-net
10312
10313 #itmax=50 ny=nu=4
10314 1)SeiteiJikan=18.7s,OS=9mm #cr2cm10 by all-net
10315 1)SeiteiJikan=18.5s,OS=3mm #cr2cm55 by all-net
10316 1)SeiteiJikan=17.1s,OS=0mm #cr2cm100 by all-net
10317 1)SeiteiJikan=17.7s,OS=23mm #cr6cm10 by all-net
10318 1)SeiteiJikan=19.7s,OS=0mm #cr6cm55 by all-net
10319 1)SeiteiJikan=20.9s,OS=0mm #cr6cm100 by all-net
10320 1)SeiteiJikan=17.6s,OS=89mm #cr10cm10 by all-net
10321 1)SeiteiJikan=17.4s,OS=3mm #cr10cm55 by all-net
10322 1)SeiteiJikan=21.2s,OS=0mm #cr10cm100 by all-net
10323
10324 #####N5ny3nu3
10325 (1)
10326 dst=N5ny3nu3;if [ -d $dst ] ; then echo $dst ; else mkdir $dst ; fi
10327 #####
10328 ##### Done: cp can2b.net N5ny3nu3/cml0cr2.net
10329 1)SeiteiJikan=26.9s,OS=170mm
10330 2)SeiteiJikan=25.1s,OS=159mm
10331 3)SeiteiJikan=25.1s,OS=142mm
10332 4)SeiteiJikan=15.4s,OS=69mm
10333 5)SeiteiJikan=27.0s,OS=137mm
10334 6)SeiteiJikan=28.7s,OS=121mm
10335 7)SeiteiJikan=24.3s,OS=431mm
10336 8)SeiteiJikan=17.1s,OS=24mm
10337 9)SeiteiJikan=24.7s,OS=110mm
10338 10)SeiteiJikan=28.0s,OS=504mm
10339 11)SeiteiJikan=18.4s,OS=36mm
10340 12)SeiteiJikan=18.3s,OS=18mm
10341 13)SeiteiJikan=17.8s,OS=9mm
10342 14)SeiteiJikan=25.1s,OS=242mm
10343 15)SeiteiJikan=36.3s,OS=314mm
10344 16)SeiteiJikan=26.1s,OS=287mm
10345 17)SeiteiJikan=23.1s,OS=148mm
10346 18)SeiteiJikan=28.7s,OS=262mm ***
10347 19)SeiteiJikan=21.2s,OS=0mm
10348 20)SeiteiJikan=37.5s,OS=35mm
10349
10350 ##### Done: cp can2b.net N5ny3nu3/cml00cr2.net
10351 1)SeiteiJikan=-1.0s,OS=0mm
10352 2)SeiteiJikan=-1.0s,OS=1231mm
10353 3)SeiteiJikan=-1.0s,OS=2341mm
10354 4)SeiteiJikan=23.9s,OS=0mm
10355 5)SeiteiJikan=19.9s,OS=0mm
10356 6)SeiteiJikan=24.6s,OS=0mm
10357 7)SeiteiJikan=-1.0s,OS=0mm
10358 8)SeiteiJikan=82.4s,OS=3433mm
10359 9)SeiteiJikan=-1.0s,OS=11695mm
10360 10)SeiteiJikan=-1.0s,OS=2059mm
10361 11)SeiteiJikan=25.5s,OS=1200mm
10362 12)SeiteiJikan=21.1s,OS=5mm
10363 13)SeiteiJikan=25.0s,OS=112mm
10364 14)SeiteiJikan=26.4s,OS=174mm
10365 15)SeiteiJikan=18.6s,OS=0mm ***
10366 16)SeiteiJikan=40.0s,OS=0mm
10367 17)SeiteiJikan=32.8s,OS=0mm
10368 18)SeiteiJikan=25.1s,OS=1001mm
10369 19)SeiteiJikan=23.5s,OS=0mm
10370 20)SeiteiJikan=21.4s,OS=69mm
10371
10372 ##### Done: cp can2b.net N5ny3nu3/cml0cr10.net
10373
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10373 1)SeiteiJikan=15.1s,OS=293mm
10374 2)SeiteiJikan=25.9s,OS=366mm
10375 3)SeiteiJikan=30.6s,OS=281mm
10376 4)SeiteiJikan=17.2s,OS=46mm
10377 5)SeiteiJikan=26.0s,OS=290mm
10378 6)SeiteiJikan=26.3s,OS=113mm
10379 7)SeiteiJikan=22.8s,OS=85mm
10380 8)SeiteiJikan=18.3s,OS=185mm
10381 9)SeiteiJikan=22.9s,OS=93mm
10382 10)SeiteiJikan=16.6s,OS=189mm
10383 11)SeiteiJikan=35.3s,OS=38mm
10384 12)SeiteiJikan=23.2s,OS=35mm
10385 13)SeiteiJikan=44.2s,OS=281mm
10386 14)SeiteiJikan=1.0s,OS=1611mm
10387 15)SeiteiJikan=66.1s,OS=379mm
10388 16)SeiteiJikan=36.0s,OS=384mm
10389 17)SeiteiJikan=42.2s,OS=292mm
10390 18)SeiteiJikan=31.4s,OS=1054mm
10391 19)SeiteiJikan=20.4s,OS=137mm
10392 20)SeiteiJikan=20.4s,OS=225mm
10393 ##### Done: cp can2b.net N5ny3nu3/cml00cr10.net
10394 1)SeiteiJikan=1.0s,OS=14024mm
10395 2)SeiteiJikan=1.0s,OS=8949mm
10396 3)SeiteiJikan=1.0s,OS=26152mm
10397 4)SeiteiJikan=1.0s,OS=14412mm
10398 5)SeiteiJikan=1.0s,OS=2377mm
10399 6)SeiteiJikan=1.0s,OS=23823mm
10400 7)SeiteiJikan=1.0s,OS=3204mm
10401 8)SeiteiJikan=1.0s,OS=0mm
10402 9)SeiteiJikan=1.0s,OS=44690mm
10403 10)SeiteiJikan=1.0s,OS=27931mm
10404 11)SeiteiJikan=1.0s,OS=5268mm
10405 12)SeiteiJikan=1.0s,OS=6670mm
10406 13)SeiteiJikan=1.0s,OS=5062mm
10407 14)SeiteiJikan=1.0s,OS=7316mm
10408 15)SeiteiJikan=1.0s,OS=0mm
10409 16)SeiteiJikan=1.0s,OS=142mm
10410 17)SeiteiJikan=1.0s,OS=16000mm
10411 18)SeiteiJikan=1.0s,OS=2987mm
10412 19)SeiteiJikan=1.0s,OS=2636mm
10413 20)SeiteiJikan=1.0s,OS=5684mm
10414 10415
#####N5ny4nu4
10416 (1) dst=N5ny4nu4;if [ -d $dst ] ; then echo $dst ; else mkdir $dst ; fi
10417 see izaki
10418 1)SeiteiJikan=17.6s,OS=58mm
10419 2)SeiteiJikan=15.8s,OS=97mm
10420 3)SeiteiJikan=15.7s,OS=68mm
10421 4)SeiteiJikan=26.6s,OS=133mm
10422 5)SeiteiJikan=24.7s,OS=162mm
10423 6)SeiteiJikan=20.0s,OS=116mm
10424 7)SeiteiJikan=16.1s,OS=19mm
10425 8)SeiteiJikan=16.0s,OS=0mm
10426 9)SeiteiJikan=22.8s,OS=2mm
10427 10)SeiteiJikan=17.1s,OS=93mm
10428 11)SeiteiJikan=31.9s,OS=972mm
10429 12)SeiteiJikan=19.8s,OS=24mm
10430 13)SeiteiJikan=17.6s,OS=28mm
10431 14)SeiteiJikan=16.3s,OS=48mm
10432 15)SeiteiJikan=25.5s,OS=172mm
10433 16)SeiteiJikan=36.2s,OS=369mm
10434 17)SeiteiJikan=16.0s,OS=51mm
10435 18)SeiteiJikan=28.0s,OS=191mm
10436 19)SeiteiJikan=25.6s,OS=142mm
10437 20)SeiteiJikan=25.6s,OS=139mm
10438 10439
(2)dst=N5ny4nu4;if [ -d $dst ] ; then echo $dst ; else mkdir $dst ; fi
10440 1)SeiteiJikan=16.7s,OS=12mm #cr2cml0 by all-net
10441 2)SeiteiJikan=15.5s,OS=41mm #cr2cml00 by all-net
10442 3)SeiteiJikan=19.2s,OS=22mm #cr6cml0 by all-net
10443 4)SeiteiJikan=27.0s,OS=3mm #cr6cm5 by all-net
10444 1)SeiteiJikan=21.5s,OS=0mm #cr6cml00 by all-net
10445 2)SeiteiJikan=31.9s,OS=216mm #cr10cml0 by all-net
10446 3)SeiteiJikan=27.6s,OS=153mm #cr10cml00 by all-net
10447 1)SeiteiJikan=27.6s,OS=153mm #cr10cml00 by all-net
10448 #####N5ny5nu5
10449 (1)dst=N5ny5nu5;if [ -d $dst ] ; then echo $dst ; else mkdir $dst ; fi
10450 ##### Executing for N5ny5nu5/cml0cr2
10451 1)SeiteiJikan=1.0s,OS=1083mm
10452 2)SeiteiJikan=16.2s,OS=86mm***?
10453 3)SeiteiJikan=26.6s,OS=153mm
10454
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10455 4)SeiteiJikan=27.2s,OS=206mm
10456 5)SeiteiJikan=14.5s,OS=87mm
10457 6)SeiteiJikan=28.1s,OS=273mm
10458 7)SeiteiJikan=24.6s,OS=146mm
10459 8)SeiteiJikan=29.7s,OS=269mm
10460 9)SeiteiJikan=30.9s,OS=247mm
10461 10)SeiteiJikan=22.0s,OS=110mm
10462 11)SeiteiJikan=22.4s,OS=112mm
10463 12)SeiteiJikan=25.3s,OS=156mm
10464 13)SeiteiJikan=24.8s,OS=139mm
10465 14)SeiteiJikan=24.8s,OS=160mm
10466 15)SeiteiJikan=27.9s,OS=255mm
10467 16)SeiteiJikan=25.1s,OS=150mm
10468 17)SeiteiJikan=26.7s,OS=171mm
10469 18)SeiteiJikan=25.8s,OS=154mm
10470 19)SeiteiJikan=24.0s,OS=135mm
10471 20)SeiteiJikan=24.9s,OS=149mm
10472 ##### Executing for N5ny5nu5/cml00cr2
10473 1)SeiteiJikan=1.0s,OS=5697mm
10474 2)SeiteiJikan=1.0s,OS=7582mm
10475 3)SeiteiJikan=23.5s,OS=179mm
10476 4)SeiteiJikan=26.2s,OS=223mm
10477 5)SeiteiJikan=22.3s,OS=210mm
10478 6)SeiteiJikan=26.5s,OS=148mm***xx
10479 7)SeiteiJikan=27.2s,OS=180mm
10480 8)SeiteiJikan=26.6s,OS=156mm
10481 9)SeiteiJikan=30.2s,OS=319mm
10482 10)SeiteiJikan=28.5s,OS=202mm
10483 11)SeiteiJikan=26.6s,OS=137mm
10484 12)SeiteiJikan=28.4s,OS=173mm
10485 13)SeiteiJikan=30.4s,OS=226mm
10486 14)SeiteiJikan=28.7s,OS=201mm
10487 15)SeiteiJikan=30.4s,OS=211mm
10488 16)SeiteiJikan=25.6s,OS=153mm
10489 17)SeiteiJikan=29.2s,OS=210mm
10490 18)SeiteiJikan=25.2s,OS=121mm
10491 19)SeiteiJikan=27.2s,OS=144mm
10492 20)SeiteiJikan=28.2s,OS=164mm
10493 ##### Executing for N5ny5nu5/cml0cr10
10494 1)SeiteiJikan=52.4s,OS=1838mm
10495 2)SeiteiJikan=24.8s,OS=40mm
10496 3)SeiteiJikan=26.0s,OS=284mm
10497 4)SeiteiJikan=35.3s,OS=288mm
10498 5)SeiteiJikan=27.9s,OS=365mm
10499 6)SeiteiJikan=43.4s,OS=641mm
10500 7)SeiteiJikan=34.5s,OS=379mm
10501 8)SeiteiJikan=28.0s,OS=82mm
10502 9)SeiteiJikan=22.2s,OS=401mm
10503 10)SeiteiJikan=17.1s,OS=59mm***xxx
10504 11)SeiteiJikan=17.1s,OS=59mm***xxx
10505 12)SeiteiJikan=28.2s,OS=411mm
10506 13)SeiteiJikan=31.8s,OS=411mm
10507 14)SeiteiJikan=49.1s,OS=1750mm
10508 15)SeiteiJikan=34.6s,OS=102mm
10509 16)SeiteiJikan=33.9s,OS=77mm
10510 17)SeiteiJikan=28.5s,OS=71mm
10511 18)SeiteiJikan=34.8s,OS=82mm
10512 19)SeiteiJikan=38.3s,OS=201mm
10513 ##### Executing for N5ny5nu5/cml00cr10
10514 0)SeiteiJikan=1.0s,OS=0mm
10515 1)SeiteiJikan=1.0s,OS=1679mm
10516 2)SeiteiJikan=1.0s,OS=7755mm
10517 3)SeiteiJikan=22.3s,OS=382mm
10518 4)SeiteiJikan=31.0s,OS=662mm
10519 5)SeiteiJikan=30.3s,OS=569mm
10520 6)SeiteiJikan=23.4s,OS=140mm
10521 7)SeiteiJikan=31.4s,OS=567mm
10522 8)SeiteiJikan=33.1s,OS=283mm
10523 9)SeiteiJikan=17.2s,OS=31mm***
10524 10)SeiteiJikan=21.8s,OS=220mm
10525 11)SeiteiJikan=14.6s,OS=78mm
10526 12)SeiteiJikan=35.1s,OS=321mm
10527 13)SeiteiJikan=23.4s,OS=225mm
10528 14)SeiteiJikan=1.0s,OS=2732mm
10529 15)SeiteiJikan=55.3s,OS=3747mm
10530 16)SeiteiJikan=1.0s,OS=851mm
10531 17)SeiteiJikan=20.9s,OS=207mm
10532 18)SeiteiJikan=29.4s,OS=305mm
10533 19)SeiteiJikan=26.9s,OS=194mm
10534 20)SeiteiJikan=25.3s,OS=185mm
10535 10536
```

```
10537
10538
10539 1)SeiteiJikan=14.5s,OS=0mm crane:cr2cm10 for net:can2b_N5ny2nu2cm10cr2.net
10540 1)SeiteiJikan=25.3s,OS=382mm crane:cr2cm100 for net:can2b_N5ny2nu2cm10cr2.net
10541 1)SeiteiJikan=16.0s,OS=70mm crane:cr10cm10 for net:can2b_N5ny2nu2cm10cr2.net
10542 1)SeiteiJikan=26.9s,OS=255mm crane:cr10cm100 for net:can2b_N5ny2nu2cm10cr2.net
10543
10544 #Hizaki can2b_N5ny4nu4cm100cr10.net
10545 1)SeiteiJikan=1.0s,OS=1473mm
10546 2)SeiteiJikan=1.0s,OS=46031mm
10547 3)SeiteiJikan=1.0s,OS=5601mm
10548 4)SeiteiJikan=29.8s,OS=208mm
10549 5)SeiteiJikan=15.6s,OS=83mm
10550 6)SeiteiJikan=27.9s,OS=137mm
10551 7)SeiteiJikan=16.6s,OS=15mm
10552 8)SeiteiJikan=41.6s,OS=18mm ***
10553 9)SeiteiJikan=14.2s,OS=5mm
10554 10)SeiteiJikan=14.6s,OS=99mm
10555 11)SeiteiJikan=23.4s,OS=117mm
10556 12)SeiteiJikan=1.0s,OS=2105mm ***###
10557 13)SeiteiJikan=16.7s,OS=2mm
10558 14)SeiteiJikan=25.5s,OS=0mm ***###
10559 15)SeiteiJikan=40.4s,OS=232mm
10560 16)SeiteiJikan=1.0s,OS=391mm
10561 17)SeiteiJikan=16.4s,OS=71mm
10562 18)SeiteiJikan=25.8s,OS=22mm
10563 19)SeiteiJikan=21.1s,OS=12mm
10564 20)SeiteiJikan=17.2s,OS=17mm
10565 21)SeiteiJikan=30.7s,OS=0mm
10566 22)SeiteiJikan=1.0s,OS=2074mm
10567 23)SeiteiJikan=26.1s,OS=693mm
10568 24)SeiteiJikan=1.0s,OS=674mm
10569 25)SeiteiJikan=21.3s,OS=202mm
10570 26)SeiteiJikan=26.5s,OS=22mm
10571 27)SeiteiJikan=26.8s,OS=104mm
10572 28)SeiteiJikan=34.2s,OS=754mm
10573 29)SeiteiJikan=26.2s,OS=300mm
10574 30)SeiteiJikan=26.3s,OS=996mm
10575 31)SeiteiJikan=29.6s,OS=34mm
10576 32)SeiteiJikan=27.0s,OS=10mm
10577 33)SeiteiJikan=1.0s,OS=937mm
10578 34)SeiteiJikan=1.0s,OS=2404mm
10579 35)SeiteiJikan=29.4s,OS=1156mm
10580 36)SeiteiJikan=17.3s,OS=37mm
10581 37)SeiteiJikan=17.7s,OS=75mm
10582 38)SeiteiJikan=23.8s,OS=2mm
10583 39)SeiteiJikan=47.1s,OS=1mm
10584 40)SeiteiJikan=1.0s,OS=991mm
10585 41)SeiteiJikan=38.6s,OS=602mm
10586 42)SeiteiJikan=40.2s,OS=1301mm
10587 43)SeiteiJikan=45.2s,OS=1117mm
10588 44)SeiteiJikan=25.1s,OS=276mm
10589 45)SeiteiJikan=54.0s,OS=166mm
10590 46)SeiteiJikan=22.1s,OS=8mm
10591 47)SeiteiJikan=45.0s,OS=581mm
10592 48)SeiteiJikan=21.6s,OS=4mm
10593 49)SeiteiJikan=19.5s,OS=170mm
10594 50)SeiteiJikan=18.5s,OS=76mm
10595
10596
10597
10598
10599
10600 #####
10601 20100628 for ICONIP2010
10602 #####
10603 (1) 以前の要 点
10604 #####
10605 ---apc.crane.c
10606 #define AP_TSI 0.5 //Virtual Sampling Period 仮想サンプリング周期
10607 double AP_ts=0.01; /*サンプリング周期(秒) sampling period*/
10608 GLOBAL WORD AP_N2=20; // GPC parameter
10609 GLOBAL WORD AP_NU=1; //AP_NU=AP_N2 gpc parameter
10610 GLOBAL double AP_LAMBDA=0.01///good for original
10611 #define AP_NY 4 ///
10612 #define AP_Ru 4 ///
10613 ---emulate.crane.c
10614 if((crane.x>AP_R-2.*tr_kyoyou)&& (crane.d<x0) && (AP_u<0)) AP_u= 0.1*AP_u_max;///?
10615 // if((crane.x>AP_R-2.*tr_kyoyou)&& (crane.d<x0) && (AP_u>0)) AP_u=-0.1*AP_u_max;///?
10616 // if((AP_Y>AP_R-2.*tr_kyoyou)&& (crane.d<x0) && (AP_u<0)) AP_u= 0.1*AP_u_max;///?
10617 //
10618 -----
```

```
10619 #####
10620 (2) netファイルの作成方法
10621 #####
10622 cm=10;cr=10;r=5;N=5;it=20;iti=2;umax=20;ky=0.1;cC=0.5;fa=" "
10623 for cr in 2 10; do for cm in 10 100; do
10624 if [ "$cm" = "10" -a "$cr" = "2" ] ; then it=10;iti=2 ; fi
10625 if [ "$cm" = "100" -a "$cr" = "2" ] ; then it=3 ; fi #
10626 if [ "$cm" = "100" -a "$cr" = "10" ] ; then it=9;iti=2 ; fi #10
10627 if [ "$cm" = "10" -a "$cr" = "10" ] ; then it=10; fi #if [ "$cm" = "10" -a "$cr" = "10" ] ; then
iti=4; fi #
10628 if [ "$cm" = "50" -a "$cr" = "10" ] ; then it=4 ; fi #
10629 if [ "$cm" = "80" -a "$cr" = "10" ] ; then it=17 ; fi #
10630 if [ "$cm" = "90" -a "$cr" = "10" ] ; then it=9 ; fi #
10631 if [ "$cm" = "55" -a "$cr" = "2" ] ; then it=15 ; fi #
10632 if [ "$cm" = "100" -a "$cr" = "6" ] ; then it=13 ; fi #8,6
10633 if [ "$cm" = "10" -a "$cr" = "1" ] ; then it=17 ; fi #
10634 if [ "$cm" = "100" -a "$cr" = "1" ] ; then it=13 ; fi #
10635 time emulate_crane2 it:${iti} r:${r} cr:${cr} cm:${cm} cc:${cC} umax:${umax} tt:100 kxt:1 method:1;$N
f=can2b_N$[N]ny4nu4cm$[cm]cr${cr}.net;cp can2b.net ${f} echo ##### Done: cp can2b.net ${f}
10637 fa=${f}a;${f}
10638 done ; done
10639 #11参考 (cr=1でもできるのだが、データを再整理するのが大変なのでICONIP10ではcr=2を使用)
10640 #can2b_N5ny4nu4cm10cr1.net
10641 #17)SeiteiJikan=15.1s,OS=96mm cm=10;cr=1;
10642 #can2b_N5ny4nu4cm100cr1.net
10643 #13)SeiteiJikan=18.1s,OS=95mm cm=100;cr=1;
10644 #
10645 #####
10646 (3)ネットを用いた制御実験：整定時間とオートバリュートの取得
10647 #####
10648 コマンド：
10649 cm=10;cr=10;r=5;N=5;it=20;iti=2;umax=20;ky=0.1;cC=0.5;fa=" "
10650 cr=2;cm=10;it=1;emulate_crane2 it:${iti} r:${r} cr:${cr} cm:${cm} cc:${cC} umax:${umax} tt:100 kxt:1 method:2
;$N;can2b_N5ny4nu4cm10cr2.net
10651 結果：
10652 can2b_N5ny4nu4cm10cr2.net
10653 17.966666666667=(15.7+25.6+21.6+20.4+14.8+14.2+14.1+14.7+20.6)/9
10654 20.825=(15.7+25.6+21.6+20.4+14.9+14.2)/6
10655 18.7=(15.7+25.6+21.6+20.4+14.9+14.2)/4
10656 3)SeiteiJikan=15.7s,OS=68mm cm=10;cr=2;
10657 1)SeiteiJikan=25.6s,OS=174mm cm=10;cr=10;
10658 1)SeiteiJikan=21.6s,OS=185mm cm=100;cr=2;
10659 1)SeiteiJikan=20.4s,OS=141mm cm=100;cr=10;
10660 1)SeiteiJikan=14.8s,OS=74mmcm=55;cr=2;--
10661 1)SeiteiJikan=14.2s,OS=94mmcm=55;cr=6;
10662 1)SeiteiJikan=14.1s,OS=81mmcm=55;cr=10;
10663 1)SeiteiJikan=14.7s,OS=91mmcm=10;cr=6;
10664 1)SeiteiJikan=20.6s,OS=126mmcm=100;cr=6;
10665 #1)SeiteiJikan=14.9s,OS=74mm cm=50;cr=2;
10666 #1)SeiteiJikan=14.2s,OS=79mm cm=50;cr=10;
10667
10668 can2b_N5ny4nu4cm10cr10.net
10669 24.86666666667=print (15.2+26.8+21.2+26+27.0+34.5+23.6+28.9+20.6)/9
10670 139.22222222222=print (4+358+462+36+384+9)/9.
10671 1)SeiteiJikan=15.2s,OS=4mm cm=10;cr=2;
10672 1)SeiteiJikan=26.8s,OS=0mm cm=55;cr=2;
10673 1)SeiteiJikan=21.2s,OS=0mm cm=100;cr=2;
10674 1)SeiteiJikan=26.3s,OS=358mm cm=10;cr=6;
10675 1)SeiteiJikan=27.0s,OS=0mm cm=55;cr=6;
10676 1)SeiteiJikan=34.5s,OS=462mm cm=100;cr=6;
10677 1)SeiteiJikan=23.6s,OS=36mm cm=10;cr=10
10678 1)SeiteiJikan=28.9s,OS=384mm cm=55;cr=10
10679 1)SeiteiJikan=20.6s,OS=9mm cm=100;cr=10;
10680
10681 can2b_N5ny4nu4cm100cr2.net
10682 21.022222222222= (21.1+25.8+14.9+22.0+20.2+22.7+15.0+20.0+27.5)/9
10683 #20.95=(21.1+25.8+14.9+22.0)/4;
10684 #19.68=(21.1+25.8+14.9+22.0+19.4+14.9)/6)
10685 1)SeiteiJikan=21.1s,OS=105mm cm=10;cr=2;
10686 1)SeiteiJikan=25.8s,OS=204mm cm=10;cr=10;
10687 10)SeiteiJikan=14.9s,OS=63mm cm=100;cr=2;
10688 1)SeiteiJikan=22.0s,OS=162mm cm=100;cr=10;
10689 1)SeiteiJikan=20.2s,OS=103mmcm=55;cr=2;
10690 1)SeiteiJikan=22.7s,OS=158mmcm=55;cr=6;
10691 1)SeiteiJikan=15.0s,OS=21mm cm=55;cr=10;
10692 1)SeiteiJikan=20.0s,OS=109mmcm=10;cr=6;
10693 1)SeiteiJikan=27.5s,OS=220mmcm=100;cr=6;
10694 #1)SeiteiJikan=13.4s,OS=102mm cm=50;cr=2;
10695 #1)SeiteiJikan=14.9s,OS=41mm cm=50;cr=10;
10696
10697 can2b_N5ny4nu4cm100cr10.net
10698 18.522222222222= (21.3+24.2+13.5+14.2+21.5+15.4+15.5+16.4+24.7)/9
```

```
10699 #18_3=(21.3+24.2+13.5+14.2)/4
10700 #18_916=(21.3+24.2+13.5+14.2+22.3+18.7)/(6)
10701 1$seiteiJikan=21.3s,OS=397mmcm=10;cr=2;iti=2;
10702 1$seiteiJikan=24.2s,OS=251mmcm=10;cr=10;iti=2;
10703 1$seiteiJikan=13.5s,OS=100mmcm=100;cr=2;iti=2;****
10704 9$seiteiJikan=14.2s,OS=5mm cm=100;cr=10;iti=2;****
10705 1$seiteiJikan=21.5s,OS=288mmcm=55;cr=2;--
10706 1$seiteiJikan=15.4s,OS=17mm cm=55;cr=6;
10707 1$seiteiJikan=15.5s,OS=7mm cm=55;cr=10;
10708 1$seiteiJikan=16.4s,OS=69mm cm=10;cr=6;
10709 1$seiteiJikan=24.7s,OS=12mm cm=100;cr=6;
10710 #1$seiteiJikan=22.3s,OS=224mm cm=50;cr=2;
10711 #1$seiteiJikan=18.0s,OS=4mm cm=50;cr=10;
10712
10713 can2b_N5ny4nu4cm10cr10.net;can2b_N5ny4nu4cm100cr10.net
10714 17.2655555555556=(13.1+20.7+18.1+14.2+14.3+15.2+15.6+19.7+24.4)/9
10715 #16_525=(13.1+20.7+18.1+14.2)/6;
10716 #13_58=(13.1+20.7+18.1+14.2)+15.4)/(6)
10717 1$seiteiJikan=13.5s,OS=66mm cm=10;cr=2;
10718 1$seiteiJikan=20.7s,OS=178mmcm=10;cr=10;iti=2;
10719 1$seiteiJikan=18.1s,OS=111mmcm=100;cr=2
10720 1$seiteiJikan=14.2s,OS=5mm cm=100;cr=10
10721 1$seiteiJikan=14.3s,OS=34mmcm=55;cr=2;--
10722 1$seiteiJikan=15.2s,OS=22mm cm=55;cr=6;
10723 1$seiteiJikan=15.6s,OS=11mm cm=55;cr=10;
10724 1$seiteiJikan=19.7s,OS=116mmcm=10;cr=6;
10725 1$seiteiJikan=24.4s,OS=8mm cm=100;cr=6;
10726 #1$seiteiJikan=14.2s,OS=41mm cm=50;cr=2;
10727 #1$seiteiJikan=15.4s,OS=3mm cm=50;cr=10;
10728
10729 #all with#define save_time 50//mseの保存時間=MSE Ne=save_time*AP_ts/AP_TSI=100*0.01/0.5=2 for switch
10730 cr=2;cm=10;it=1;emulate_crane2 tt:${it};3 r:$r cr:$cr cm:$cm cC:$cC umax:$umax tt:100 kxt:1 method:2
10731 :$N;can2b_N5ny4nu4cm10cr2.net;can2b_N5ny4nu4cm10cr10.net;can2b_N5ny4nu4cm100cr2.net;can2b_N5ny4nu4cm100cr10.net
10732
10731 16.9444444444444=print (16.1+16.9+14.8+17.9+15.3+21.1+22.4+13.8+14.2)/9
10732 34.0=print (73+9+48+83+50+43)/9
10733 1$seiteiJikan=16.9s,OS=0mm cr=2;cm=10
10734 1$seiteiJikan=16.9s,OS=0mm cr=2;cm=55
10735 1$seiteiJikan=14.8s,OS=73mm cr=2;cm=100
10736 1$seiteiJikan=17.9s,OS=9mm cr=6;cm=10
10737 1$seiteiJikan=15.3s,OS=48mmcr=6;cm=55
10738 1$seiteiJikan=21.1s,OS=0mm cr=6;cm=100
10739 1$seiteiJikan=22.4s,OS=83mm cr=10;cm=10
10740 1$seiteiJikan=13.8s,OS=50mmcr=10;cm=55
10741 1$seiteiJikan=14.2s,OS=43mmcr=10;cm=100
10742 #####
10743 #####
10744 #####
10745 #####
10746 gnuplot with _y.plt
10747 plot [][0:50][-2:6] "y.dat" using 1:13 t "r", "y.dat" using 1:13 t "r", "y.dat" using 1:1 t "F/10", "y.dat" using 1:1 t "x", "y.dat" using 1:3 t "x"
10747 set term tgif;set output "y-N5cm10cr10.obj";replot;set term xll
10748 set term tgif;set output "y-N5cm10cr10-S.obj";replot;set term xll
10749 set term tgif;set output "y-cm2cr100-SrT50.obj";replot;set term xll
10750 set term tgif;set output "y-cm2cr100-SrT50.obj";replot;set term xll
10751 cr=2;cm=10;it=1;emulate_crane2 tt:${it};3 r:$r cr:$cr cm:$cm cC:$cC umax:$umax tt:100 kxt:1 method:2
10752 :$N;can2b_N5ny4nu4cm10cr2.net
10752 set term tgif;set output "y-cr2cm10-N5cr2cm10.obj";replot;set term xll
10753 set term tgif;set output "y-cr2cm100-N5cr2cm10.obj";replot;set term xll
10754 set term tgif;set output "y-cr10cm10-N5cr2cm10.obj";replot;set term xll
10755 #####
10756 #####
10757 #####
10758 #####
10759 #####
10760 #####
10761 #####
10762 #####
10763 #####
10764 #####
10765 #####
10766 #####
10767 #####
10768 #####
10769 #####
10770 #####
10771 #####
10772 #####
10773 #####
10775 #####
```

```
10776 #[1] printenv PATH #[1]
10777 #をして、./:が入っていないかったら
10778 #[2] export PATH=./:${PATH} #現在のディレクトリのプログラムを実行
10779 #を行うこと。[2]の行は~/bashrcの中に入れておくとよい。
10780 #####
10781 #####
10782 ##
10783 make clean #オブジェクトのクリーン
10784 make data-clean #データのクリーン
10785 make all-clean #全てのクリーン
10786 #####
10787
10788 (2) クレーン用プログラム(プログラム内の設定)
10789 (2-1)apc_crane.c の設定
10790 AP_LAMEDA=0.2 で良い結果?
10791
10792 ##(2) 同じソースから,emulate_cranel と emulate_crane2 が同時にできるようにした。
10793 ##(2-2) emulate_crane.c の設定
10794 #####define CRANESUB 1 //または#define CRANESUB 2
10795 ##
10796 #####
10797 #####crane2の制御は難しい。
10798 (3) 入力時のオプション: emulate_crane のプログラムを呼ぶときの引数は
10799 apc_crane.cのmain(int argc, char *argv[])のすぐ下のところを参照。
10800 it:10:3 #学習繰り返し回数(=10,直近の3+1回の制御データで学習)
10801 tt:100 #制御のtotaltime
10802 tr0:mspcrtain10.dat; #
10803 x:7; #目標値
10804 cr:10 #クレーンの重さ
10805 umax:0.2 #最大操作量(umax:20 crane2のとき)
10806 kxt:1 #xterm を殺す
10807 ky:0.5 #許容誤差
10808
10809 #(4)実行例
10810 #[1] ロープ長が違ふ場合を学習
10811 #[3] ロープ長cr=5 目標値r=5
10812 #[3-1] ロープ長cr=5
10813 N=1;cm=10;cr=5;it=3;time emulate_cranel it:${it};0 r:5 cr:$cr cm:$cm umax:0.2 tt:100 kxt:1 method:1:$N
10814 f1=can2b4N$(N)cm$(cm)cr${cr}it${it}.net;cp can2b.net $f1; echo "##### Done: cp can2b.net $f1"
10815 #[3-2] ロープ長cr=10
10816 N=1;cm=10;cr=10;it=5;time emulate_cranel it:${it};0 r:5 cr:$cr cm:$cm umax:0.2 tt:100 kxt:1 method:1:$N
10817 f2=can2b4N$(N)cm$(cm)cr${cr}it${it}.net;cp can2b.net $f2; echo "##### Done: cp can2b.net $f2"
10818 #[3-3] ロープ長cr=5~10
10819 N=1;cm=10;cr=5;it=1;time emulate_cranel it:${it};0 r:5 cr:$cr cm:$cm umax:0.2 tt:100 kxt:1 method:2:$N;$f1:$f2 #NG
10820 N=1;cm=10;cr=6;it=1;time emulate_cranel it:${it};0 r:5 cr:$cr cm:$cm umax:0.2 tt:100 kxt:1 method:2:$N;$f1:$f2 #NG
10821 N=1;cm=10;cr=7;it=1;time emulate_cranel it:${it};0 r:5 cr:$cr cm:$cm umax:0.2 tt:100 kxt:1 method:2:$N;$f1:$f2 #OK
10822 N=1;cm=10;cr=10;it=1;time emulate_cranel it:${it};0 r:5 cr:$cr cm:$cm umax:0.2 tt:100 kxt:1 method:2:$N;$f1:$f2 #Soso
10823
10824 #[4] ロープ長が違ふ場合を学習。
10825 #[4-1] ロープ長cr=5 目標値r=10
10826 N=1;cm=10;cr=5;it=8;time emulate_cranel it:${it};0 r:10 cr:$cr cm:$cm umax:0.2 tt:100 kxt:1 method:1:$N
10827 f1=can2b4N$(N)cm$(cm)cr${cr}it${it}.net;cp can2b.net $f1; echo "##### Done: cp can2b.net $f1"
10828 #[4-2] ロープ長cr=10
10829 N=1;cm=10;cr=10;it=2;time emulate_cranel it:${it};0 r:10 cr:$cr cm:$cm umax:0.2 tt:100 kxt:1 method:1:$N
10830 f2=can2b4N$(N)cm$(cm)cr${cr}it${it}.net;cp can2b.net $f2; echo "##### Done: cp can2b.net $f2"
10831 #[4-3] ロープ長cr=5~10
10832 N=1;cm=10;cr=5;it=1;time emulate_cranel it:${it};0 r:10 cr:$cr cm:$cm umax:0.2 tt:100 kxt:1 method:2:$N;$f1:$f2 #NG
10833 N=1;cm=10;cr=10;it=1;time emulate_cranel it:${it};0 r:10 cr:$cr cm:$cm umax:0.2 tt:100 kxt:1 method:2:$N;$f1:$f2 #NG
10834
10835 #[5] crane2
10836 # crane1と同じにしてもうまく行かなかった
10837 # →制御量として台車の位置を使う(See emulate_crane.c AP_y=PV1 = crane.Xi// 台車の位置を使う→振動しない?)
10838 # →群価関数の重みを変更 (See apc_crane.c GLOBAL double AP_LAMEDA=0.02;)
10839 # →plant(AP_u)の前処理で、次を除いた:下の(3-4)参照: if(((fabs(AP_y-AP_x)<2.*r;kr.yoyou)) AP_u*=0.1;
10840 # →エニット数N=10がより安定
10841 #ロープ長が違ふ場合を学習
10842 #[5-1] ロープ長cr=5 目標値r=5
10843 N=1;cm=20;cr=5;it=5;time emulate_crane2 it:${it};0 r:7 cr:$cr cm:$cm umax:20 tt:100 kxt:1 method:1:$N
10844 d:1-$N
10845 f1=can2b4N$(N)cm$(cm)cr${cr}it${it}.net;cp can2b.net $f1; echo "##### Done: cp can2b.net $f1"
10846 #[5-2] ロープ長cr=10 目標値r=5
10845
```

```
10846 N=10:cm=20:cr=10:r=5:it=5:time emulate_crane2 it:${it}:0 r:7 cr:$cr cm:$cm umax:20 tt:100 kxt:1 meth
od:1:$N
10847 f2=can2b4N${N}cm${cm}cr${cr}it${it}.net:cp can2b.net $f2; echo "##### Done: cp can2b.net $f2"
10848 #[5-3] ロープ長 cr=5~10
10849 N=10:cm=20:cr=5:r=5:it=1:time emulate_crane2 it:${it}:0 r:7 cr:$cr cm:$cm umax:20 tt:100 kxt:1 metho
d:1:$N method:2:$N:$f1:$f2 #good
10850 N=10:cm=20:cr=10:r=5:it=5:time emulate_crane2 it:${it}:0 r:7 cr:$cr cm:$cm umax:20 tt:100 kxt:0 meth
od:1:$N method:2:$N:$f1:$f2 #good
10851
10852
10853
10854 #####
10855 #####上の [3-1]~[3-3]は下の [3-1]~[3-3]と等価
10856 #####
10857 #[3-1] ロープ長 cr=5
10858 N=1:cm=10:cr=5:it=3;
10859 cat<cmd.dat<<EOF
10860 no #Use ensemble learning(y/n):0
10861 $N #The number of cell:5
10862 0 #Number of netfiles:
10863 EOF
10864 cat cmd.dat| time emulate_crane it:${it}:3 r:5 cr:$cr cm:$cm umax:0.2 tt:100 kxt:1
10865 f1=can2b4N${N}cm${cm}cr${cr}it${it}.net
10866 cp can2b.net $f1; echo "##### Done: cp can2b.net $f1"
10867 [3-2] ロープ長 cr=10
10868 N=1:cm=10:cr=10:it=6;
10869 cat<cmd.dat<<EOF
10870 no #Use ensemble learning(y/n):0
10871 $N #The number of cell:5
10872 0 #Number of netfiles:
10873 EOF
10874 cat cmd.dat| time emulate_crane it:${it}:3 r:5 cr:$cr cm:$cm umax:0.2 tt:100 kxt:1
10875 f2=can2b4N${N}cm${cm}cr${cr}it${it}.net
10876 cp can2b.net $f2; echo "##### Done: cp can2b.net $f2"
10877 [3-3]
10878 N=1:cm=10:cr=7:it=1;
10879 N=1:cm=10:cr=10:it=1;
10880 cat >cmd.dat<<EOF
10881 0 #Use ensemble learning(y/n):0
10882 2 #Number of netfiles:2
10883 1 #Unify the netfiles(y/n)?1
10884 1 #Merge(0) or Select(1) the netfiles?1
10885 $f1
10886 $f2
10887 $f2
10888 EOF
10889 cat cmd.dat| emulate_crane it:1:3 r:5 cr:$cr cm:$cm umax:0.2 tt:100 kxt:0
10890 #####
10891
10892 (4) 実行例 [1] 重さが違うネットワークを使う → crane1では同じ結果?
10893 #####
10894 #[1-1]
10895 N=1:cm=50:it=9
10896 cat | time emulate_crane it:${it}:3 r:7 cm:$cm umax:0.2 tt:100 kxt:1 <<EOF
10897 no #Use ensemble learning(y/n):0
10898 $N #The number of cell:5
10899 0 #Number of netfiles:
10900 EOF
10901 cp can2b.net can2b4cm${cm}.net
10902 #[1-2]
10903 N=1:cm=10:it=9;
10904 cat | time emulate_crane it:${it}:3 r:7 cm:$cm umax:0.2 tt:100 kxt:1 <<EOF
10905 no #Use ensemble learning(y/n):0
10906 $N #The number of cell:5
10907 0 #Number of netfiles:
10908 EOF
10909 cp can2b.net can2b4cm${cm}.net
10910 #[1-3]
10911 emulate_crane it:1:3 r:7 cm:30 umax:0.2 tt:100 kxt:1
10912 0 #Use ensemble learning(y/n):0
10913 1 #The number of cell:1
10914 2 #Number of netfiles:2
10915 1 #Unify the netfiles(y/n)?1
10916 1 #Merge(0) or Select(1) the netfiles?1
10917 can2b4cm50.net
10918 can2b4cm10.net
10919
10920 (5) 実行例 [2]
10921 #####
10922 #[2-1]
10923 export N=1 cm=10 cr=5 it=3
10924
```

```
10925 cat | time emulate_crane it:${it}:3 r:5 cr:$cr cm:$cm umax:0.2 tt:100 kxt:1 <<EOF
10926 no #Use ensemble learning(y/n):0
10927 $N #The number of cell:5
10928 0 #Number of netfiles:
10929 EOF
10930 cp can2b.net can2b4cr${cr}.net
10931 #[2-2]
10932 export N=1 cm=10 cr=7 it=6
10933 cat | time emulate_crane it:${it}:3 r:5 cr:$cr cm:$cm umax:0.2 tt:100 kxt:1
10934 no #Use ensemble learning(y/n):0
10935 $N #The number of cell:5
10936 0 #Number of netfiles:
10937 EOF
10938 cp can2b.net can2b4cr${cr}.net
10939 echo "cp can2b.net can2b4cr${cr}.net"
10940 #[2-3]
10941 export N=1 cm=10 cr=10
10942 emulate_crane it:1:3 r:5 cr:$cr cm:$cm umax:0.2 tt:100 kxt:1
10943 0 #Use ensemble learning(y/n):0
10944 1 #The number of cell:1
10945 2 #Number of netfiles:2
10946 1 #Unify the netfiles(y/n)?1
10947 1 #Merge(0) or Select(1) the netfiles?1
10948 can2b4cr5.net
10949 can2b4cr7.net
10950 #[2-4] NGNGNG
10951 export N=1 cm=10 cr=10
10952 emulate_crane it:1:3 r:5 cr:$cr cm:$cm umax:0.2 tt:100 kxt:1
10953 0 #Use ensemble learning(y/n):0
10954 1 #The number of cell:1
10955 2 #Number of netfiles:2
10956 1 #Unify the netfiles(y/n)?1
10957 1 #Merge(0) or Select(1) the netfiles?1
10958 can2b4cr5.net
10959 can2b4cr10.net
10960 #修正点
10961 (3-1) predict_search_AP() (GPC7 アルゴリズム) を修正
      ・一次差分信号を捉えるように理論的に検討し修正
      ・AP_uがうまく設定されていなかったのを修正。
10962 (3-2) 繰り返しごとの結果の変化が大きいのので、emulate_crane.cで
      直近の_itblockのデータをもちいるようにした。
10963 (3-3) 速度、加速度の制約をいれた。
      crane1sub.c: ±crane.dXmax, ±crane.ddXmaxの範囲になる入力 crane.F
      ようにした。
10964 (3-4) emulate_crane.cで plant(AP,u) を呼ぶ前に
      if((AP.y>AP.r+2.*rr_kyoyou)&& (crane.dX<0) && (AP.u>0)) AP_u*=-0.1//??
      if((AP.y<AP.r-2.*rr_kyoyou)&& (crane.dX<0) && (AP.u<0)) AP_u*=-0.1//??
      if(fabs(AP.y-AP.r)<2.*rr_kyoyou) AP_u*=0.1;
      でAP_uを修正する特殊処理をいれた。
10965 gnuplot
10966 set style data lines:n=1;
10967 n=9;plot "crane2io.dat" using 1:n, "cranelio.dat" using 1:n;print "n=",n
10968 n=8;plot "crane2io.dat" using 1:n, "cranelio.dat" using 1:n;print "n=",n
10969 plot "cranelio.dat" using 1:13 t "T", "cranelio.dat" using 1:14 t "P"
10970 plot "cranelio.dat" using 1:($2*180/3.14) t "thetac", "cranelio.dat" using 1:($3*180/3.14) t "dthet
a"
10971 plot "cranelio.dat" using 1:4 t "X", "cranelio.dat" using 1:5 t "dX", "cranelio.dat" using 1:6 t "
dX"
10972 plot "cranelio.dat" using 1:7 t "x", "cranelio.dat" using 1:8 t "dx", "cranelio.dat" using 1:9 t "
dx"
10973 plot "cranelio.dat" using 1:10 t "y", "cranelio.dat" using 1:11 t "dy", "cranelio.dat" using 1:12
t "dvy"
10974 plot "cranelio.dat" using 1:7 t "x", "cranelio.dat" using 1:10 t "y"
10975 plot "cranelio.dat" using 1:4 t "X", "cranelio.dat" using 1:7 t "x", "cranelio.dat" using 1:10 t "y"
10976 plot "cranelio.dat" using 1:6 t "ddX", "cranelio.dat" using 1:9 t "ddx", "cranelio.dat" using 1:12
t "ddy"
10977 #####
10978 以下のものはプログラムを整理前のものであり、
10979 現在は使えない。
10980 #####
10981 20100124
10982 (1) 一次差分用の gpcでようやく完成した。
11000
```



```
11001 (2) IT=10, N=10 でいい結果?(N=1でもよい)
11002 IT=10, N=10 AP_LAMBDA=0.1 でいい結果?
11003 IT=10, N=1 AP_LAMBDA=0.1 でいい結果?
11004 IT=10, N=10 AP_LAMBDA=0.2 でいい結果?
11005
11006 N=10:IT=10:ITl='expr $IT + 1'
11007 cat | time emulate_crane<<EOF
11008 no $ITl 1
11009 $N
11010 0
11011 EOF
11012
11013
11014 20100123
11015
11016 N=1:IT=5:ITl='expr $IT + 1'
11017 cat | time emulate<<EOF
11018 no $ITl 0
11019 $N
11020 0
11021 EOF
11022 calcaInvb1: 7.23user 0.37system 0:07.88elapsed 96%CPU (0avgtext+0avgdata 0maxresident)k
11023 original: 5.36user 0.34system 0:06.07elapsed 93%CPU (0avgtext+0avgdata 0maxresident)k
11024
11025 original: 24.15user 0.85system 0:27.03elapsed 92%CPU (0avgtext+0avgdata 0maxresident)k
11026 caldaInvb:50.69user 1.24system 0:55.53elapsed 93%CPU (0avgtext+0avgdata 0maxresident)k
11027
11028
11029
11030
11031 100119
11032 (0) ../can2b として http://kurolab2.cnt1.kyutech.ac.jp/~kuro/sotu/2010/can2b100119.tgz
11033 を解凍して使う。
11034
11035 #define GPC_KURO ///2010.01.19 by kuro
11036
11037 のところと,1165行の
11038 #define useoriginal //2010.01.19 by kuro
11039
11040 のところを戻した。どうして変更していたか,不明。
11041
11042 (2) 繰り返しごとの結果の変化が大きいので,emulate.cの687行のところで,
11043 最近の3回のデータをちいえるようにした。
11044
11045
11046
11047 (3) とりあえず次のパラメタでよい 結果
11048 in apc.c
11049 GLOBAL WORD AP_NP=10; //OKforin[7:10]
11050 GLOBAL WORD AP_LAMBDA=200; //OKfor[50:300]OK
11051 #define AP_ny 3//
11052 #define AP_nu 3//
11053
11054 (3-1)
11055 N=1:IT=10:ITl='expr $IT + 1'
11056 cat | emulate<<EOF
11057 $N
11058 0
11059 EOF
11060 (3-2)
11061 N=5:IT=10:ITl='expr $IT + 1'
11062 cat | emulate<<EOF
11063 no $ITl 0
11064 $N
11065 0
11066 EOF
11067
11068 (2)
11069 a2ps -R --line-numbers=1 --columns=2 apc.c>tmp.ps;gv tmp.ps&
11070 a2ps -R --line-numbers=1 --columns=2 emulate.c>tmp.ps;gv tmp.ps&
11071 a2ps -R --line-numbers=1 --columns=2 crane2sub.c>tmp.ps;gv tmp.ps&
11072
11073
11074
11075
11076
11077 (1) mspcによるRCA洗浄液濃制御のプログラムは../msperca においた。
11078 emulate
11079 no 5
11080 1
11081 0
11082
```

```
11083
11084 (2) 速度,加速度の制約をいれた。
11085 crane1sub.c:±crane.dXmax, ±crane.dXmaxの範囲になる入力crane.ddx
11086 crane2sub.c: ±crane.dXmax, ±crane.Fmaxの範囲の入力crane.F
11087 ようにした。
11088
11089 100116
11090 (1)gcc -C -E emulate.c|nkf -e > emulate-C-E.c
11091
11092
11093 100107
11094 (1) make T080N5IT30.net and T0120N5IT30.net
11095 ####
11096 T01=80:T02=120
11097 for T0 in $T01 $T02: do
11098 N=5:IT=30:ITl='expr $IT + 1'
11099 ##
11100 cat >emulate.ini<<EOF
11101 #硫酸過水 SPM
11102 #VS LH0 LH0 VH VB R2 T0 Pinf TBinf DeadTime tauD
11103 10.0 7.88 8.45 0.0024 0.0321 0.016 22.8 2750 135 5 70 for SPM135 good!!!
11104 #r1 rho01 C01 r2 rho02 C02 Ea lnko dH n #lnko=exp(18.15)
11105 1.0 1.46 0.7 5.0 1.50 0.52 76850 16.0 82000 0.63 SPM135 good!!!
11106 #stime ttime T_ini tr d_err z_keisoku z_alpha z_T0 z_VS z_rho z_C iteration
11107 0 8000 $T0 135 2.0 0.00 0.0 -20.0 0.0 0.000 0.0 $ITl good!!!
11108 #C_MODE KP TI TD CHECKMODE(=0:ステップ,1:ステップ+外乱,2:温度変化)
11109 11 1300 1000 1000 0 # SPM_APC PP
11110 EOF
11111
11112 N=5:IT=30:ITl='expr $IT + 1'
11113 cat |emulate<<EOF
11114
11115 no $ITl yes #Use ensemble learning(y/n), iteration(>0) useensrs(y/n):
11116 $N #The number of cell:
11117 0 #Number of netfiles:
11118 EOF
11119 ##
11120 cp can2b.net tmp/T0${T0}N${N}IT${IT}.net
11121
11122 #result for T0=80
11123 #30:SeiteiJikan=1589.250000,US=0.709995,US=0.028460,max=100.000000,init_err=0.000000,tra_allerr=0.00
0000,mid_allerr=0.000000,ste_allerr=0.000000,allerr=0.000000,saishokika=0,E_mean=2.822330,dis_seitei=-5001.0
0000
11124 #result for T0=120
11125 #30:SeiteiJikan=390.500000,OS=1.819953,US=0.024373,max=100.000000,init_err=0.000000,tra_allerr=0.0000
0000,mid_allerr=0.000000,ste_allerr=0.000000,allerr=0.000000,saishokika=0,E_mean=3.470440,dis_seitei=-5001.00
0000
11126 (2) control with switching T080N5IT30.net and T0120N5IT30.net
11127 ##switching CAN2s for different
11128 T01=80:T02=120
11129 for T0 in $T01 $T02: do
11130 N=5:IT=1:ITl='expr $IT + 1'
11131 ##
11132 cat >emulate.ini<<EOF
11133 #硫酸過水 SPM
11134 #VS LH0 LH0 VH VB R2 T0 Pinf TBinf DeadTime tauD
11135 10.0 7.88 8.45 0.0024 0.0321 0.016 22.8 2750 135 5 70 for SPM135 good!!!
11136 #r1 rho01 C01 r2 rho02 C02 Ea lnko dH n #lnko=exp(18.15)
11137 1.0 1.46 0.7 5.0 1.50 0.52 76850 16.0 82000 0.63 SPM135 good!!!
11138 #stime ttime T_ini tr d_err z_keisoku z_alpha z_T0 z_VS z_rho z_C iteration
11139 0 8000 $T0 135 2.0 0.00 0.0 -20.0 0.0 0.000 0.0 $ITl good!!!
11140 #C_MODE KP TI TD CHECKMODE(=0:ステップ,1:ステップ+外乱,2:温度変化)
11141 11 1300 1000 1000 0 # SPM_APC PP
11142 EOF
11143 cat | emulate<<EOF
11144 #Use ensemble learning(y/n), iteration(>0):
11145 #The number of cell:
11146 $N
11147 #Number of netfiles:
11148 2
11149 #Unify the netfiles(y/n)?
11150 1
11151 #Merge(0) or Select(1) the netfiles?
11152 1
11153 tmp/T01N${N}IT${IT}.net #The name of the net#1
11154 tmp/T02N5IT${IT}.net #The name of the net#1
11155 EOF
11156 #result for T0=80
11157 #30:SeiteiJikan=1590.000000,OS=0.749987,US=0.022699,max=100.000000,init_err=0.000000,tra_allerr=0.0000
0000,mid_allerr=0.000000,ste_allerr=0.000000,allerr=0.000000,saishokika=0,E_mean=1.809803,dis_seitei=-5001.00
0000
11158 #result for T0=120
11159 #30:SeiteiJikan=390.000000,OS=1.839943,US=0.013422,max=100.000000,init_err=0.000000,tra_allerr=0.000000
0000,mid_allerr=0.000000,ste_allerr=0.000000,allerr=0.000000,saishokika=0,E_mean=2.614602,dis_seitei=-5001.0000
000
11160
11161
```

```
11157
11158
11159
11160 091104
11161 (1) can2をアンサンブル学習のensrsを使用するようにした。
11162 (←新しいcan2が使える。)
11163 ただし、現在は、ensemble=0のときのみの有効。
11164 (ensemble=0の場合については改変中であり、以前うまくいって
11165 いたこともないと思う)
11166
11167
11168 (2) 説明新しいソースファイル名はemulate.cとapc.c。
11169 実行ファイルはemulate、初期設定ファイル名は emulate.ini に変更。
11170
11171 (3) 使用方法：
11172 (3-1) 最新のcan2bダウンロードして展開する。
11173 例：
11174 syp yuno@kurolab2.ctl1.kyutech.ac.jp:/home/kuro/sotu/2009/can2b091031.tgz
11175 tar xvpf ./can2b091031.tgz
11176 (3-2) 上でできたcan2bのディレクトリをこのディレクトリでリンクする。
11177 dir_can2b=/home/kuro/sotu/2009/can2b; #set the directory of can2b
11178 rm can2b/ln -s $dir_can2b
11179
11180 (3-2)
11181 #実行ファイルのクリーン
11182 make clean
11183 make data-clean #データのクリーン
11184
11185 (3-3) 実行例
11186 ny=3;nu=3;N=5;b=0;a=0;seed=0;
11187 date;
11188 time emulate<<EOF
11189 0 10 1 # 1:ensemble 0:no ensemble, iteration, useensrs
11190 $N # number of cells
11191 0 # 0:notusing netfile, 1:using netfile
11192 EOF
11193
11194 #####
11195
11196 091104-
11197 #####
11198 ny=3;nu=3;N=5;b=0;a=0;seed=0;
11199 date;
11200 make:time kuwa_emulate<<EOF
11201 0 2 1 # 1:ensemble 0:no ensemble, iteration, useensrs
11202 $N # number of cells
11203 0 # 0:notusing netfile, 1:using netfile
11204 EOF
11205 --param.dat below
11206 1 for time series
11207 6 dimension
11208 ./mspctrain.dat
11209 /dev/null
11210 0 0 0
11211 in
11212 5
11213 1.0 compare
11214 0.5 4 -1 v_thresh vmin vmin2
11215 0.5 v_ratio
11216 0.1 width
11217 ex for batch
11218 1 iteration
11219 20 disp
11220 10
11221 ns
11222 can2b.net
11223 qu
11224 M[0]=0.001589 0.003075 -0.002523 0.001637 1.409501 -0.412137 -0.064716
11225 M[1]=-0.012698 -0.000218 0.017384 -0.001298 1.404283 -0.211151 -0.162564
11226 M[2]=-0.001054 0.001066 0.002291 0.002253 1.704491 -0.674386 -0.025116
11227 M[3]=0.024746 -0.039951 0.007411 -0.010075 0.035460 0.157995 0.220531
11228 M[4]=-0.000451 0.013471 -0.003142 -0.002777 2.429392 -1.401750 0.213780 ***starttime=0.000000,totall
ime=8000.000000,rr=120.000000,T_in=135.000000,zatun=0.000000,-20.000000,0.000000LB=159.652302,11.
936621,0.032100
11229 Lf=187.918923,LH=11.936621,tH=9.506208,tB=10.193840,tT=226.700048,kH=38,kB=40,kT=906
11230 alpha0=2.213431e-04,7.635453e+02,==5.905140e-06
11231 lambda0=0.022=11*200*1e-5/1
11232 1 456:250000 0.659609 71.464410 71.464410 1t,TS,Em,Um
11233 1/SettledIkuken=456.250000,OS=0.659609,US=0.025167,max=100.000000,init_err=0.000000,tra_allerr=0.00000
0,mld_allerr=0.000000,sce_allerr=0.000000,allerr=0.000000,saishokika=0,
11234 #####
```

```
11235
11236 Below is the same as /home/kuro/sotu/2009/09koshi/prog/koshi_prog/readme.mspsc
11237 #####
11238 # mspc using first-difference signal & ensemble
11239 #####
11240 090602 湯野君へ
11241 (1)このディレクトリのプログラムは、SICEへの投稿論文の結果を
11242 得たプログラム、kuwa_emulate+.c、kuwa_apc+.cが入っています。
11243 これは去年の越山くんのプログラムkuwa_emulate.cとkuwa_apc.cを修正し
11244 けたプログラムです。
11245
11246 Makefileも作ってますので
11247 make をすれば実行ファイルができ。
11248 make all-clean をすれば余分なファイルは除けます。また
11249
11250 (2)主な修正は以下の通りです。
11251 (2-1) パラメタの変更と実行は、例えば、
11252 #define AP_TS1 27 //27 次差分を用いた場合
11253 GLOBAL WORD AP_LAMBDA=200; //200 100 080416koshi/1 ***1/bit */
11254 および #ifdef MSPC の下の
11255 #define AP_ny 3
11256 #define AP_nu 3
11257 #define AP_nu 3
11258 を変更するとともに下の090507以下のところにある実行例を参照して
11259 makeと実行を行って下さい。
11260
11261 (2-2)ハギングのアンサンブルでの、kuwa_emulate.c のn*n*bag_alpha:
11262 はv[k]を選択する範囲を狭めるのです。
11263 → int nb=n*bag_alpha;//L810 とし、以降のnbを
11264 (2-3) 越山くんの修論や iconip09yuno.texの時間応答の図での入力の
11265 不規則な振動が気になります。SICEの論文の図ではそれらの不規則振動は
11266 なくなっていることが分かります。これは、多分、新しいプログラム
11267 では、下の090512の乱数発生 of zmrtrand.cを使うことで無くなったのでは
11268 ないかと思います。
11269 初期温度の異なるデータを学習したCAN2を切替える手法でも
11270 これらの振動が無くなるように、この修正をお願いします。
11271
11272
11273
11274 090512
11275 (1) ハグ要素の決定のための乱数に zmrtrand.cを用いるようにした
11276 → より解釈が容易な結果？
11277 .aの変化に対し、TS,TCがより滑らかに変化？
11278 .bの増加に対し、TS,TCが収束？
11279 (2) エネルギーの計算を修正した。(ifdef NEWenergyのところ)
11280
11281 090507
11282 (1) kuwa_emulate+.c の810行目のn*n*bag_alpha:は、
11283 860行目のv[k]を選択する範囲を狭めるのです。
11284 → int nb=n*bag_alpha;//L810 とし、以降のnbを
11285 使うべきところを修正した。
11286 ##以下、実行例1(bagging CAN2およびsingle CAN2)
11287 make
11288 ny=3;nu=3;N=5;b=30;a=0.03;seed=0;#for bagging CAN2
11289 ny=3;nu=3;N=5;b=0;a=0;seed=0;#for single CAN2
11290 if [ "$b" == "0" ] ; then
11291 echo "single CAN2"
11292 date;time kuwa_emulate<<EOF
11293 0 101 # 1:ensemble 0:no ensemble, iteration
11294 $N # number of cells
11295 0 # 0:notusing netfile, 1:using netfile
11296 EOF
11297 else
11298 echo "bagging CAN2"
11299 time kuwa_emulate<<EOF
11300 1 101 #Use ensemble learning? yes:1 no:0
11301 1 #Do you use bagging learning? yes:1 no:0
11302 0 #Do you use boosting learning? yes:1 no:0
11303 $N #Input the number of first cell
11304 $N #Input the number of end cell
11305 $b #Input the number of the resample datasets
11306 $a #Input the alpha
11307 0 #Do you use the learning netfile? yes:1 no:0
11308 EOF
11309 fi
11310 date;mkdir result4sice09
11311 rdir=result4sice09/IS2Np11TS271200s605;mkdir $rdir;0;
11312 rdir=$rdir;ny$ny$nu$[nu]N$[N]b$[b]a$[a]s$(seed)z;mkdir $rdir;#for usemtrand
11313 cp y.dat $rdir/cp result.dat $rdir
11314 echo "cp y.dat $rdir/cp result.dat $rdir"
11315 #####以上、実行例1(bagging CAN2)
11316 ##以下、実行例2(bagging CAN2)
```

```
11317 make: for a in 0.03; do
11318   ny=3;nu=3;N=5;b=30;seed=0;date;
11319   time kuwa_emulate<<EOF
11320   1 101 #Use ensemble learning? yes:1 no:0
11321   1 #Do you use bagging learning? yes:1 no:0
11322   0 #Do you use boosting learning? yes:1 no:0
11323   $N #Input the number of first cell
11324   $N #Input the number of end cell
11325   $B #Input the number of the resample datasets
11326   $a #Input the alpha
11327   0 #Do you use the learning netfile? yes:1 no:0
11328   EOF
11329   date;mkdir result4size09
11330   xdir=0;result4size09/IS2NPLITS27L200s605;mkdir $xdir0;
11331   xdir=${xdir0}/ny${ny}nu${nu}N${N}b${b}a${a}s${seed};for usezmtrand
11332   cp y.dat $xdir//cp result.dat $xdir
11333   echo "cp y.dat $xdir//cp result.dat $xdir"
11334   done
11335   #####以上 集行例2
11336   #####以下 実行例3(single CAN2)
11337   ny=3;nu=3;N=5;b=0;a=0;seed=0;
11338   date;
11339   make;kuwa_emulate<<EOF
11340   0 101 # 1:ensemble 0:no ensemble, iteration
11341   $N # number of cells
11342   0 # 0:notusing netfile, 1:using netfile
11343   EOF
11344   date;mkdir result4size09
11345   xdir=0;result4size09/IS2NPLITS27L200s605;mkdir $xdir0;
11346   xdir=${xdir0}/ny${ny}nu${nu}N${N}b${b}a${a}s${seed};for usezmtrand
11347   cp y.dat $xdir//cp result.dat $xdir
11348   echo "cp y.dat $xdir//cp result.dat $xdir"
11349   #####以上 集行例3(single CAN2)
11350   #
11351   #
11352   #make: for a in 0.7; do
11353   #ny=3;nu=3;N=5;b=30;seed=0;date;
11354   #time kuwa_emulate<<EOF
11355   # 1 101 #Use ensemble learning? yes:1 no:0
11356   # 0 #Do you use bagging learning? yes:1 no:0
11357   # 0 #Do you use boosting learning? yes:1 no:0
11358   $N #Input the number of first cell
11359   $N #Input the number of end cell
11360   $B #Input the number of the resample datasets
11361   $a #Input the alpha
11362   0 #Do you use the learning netfile? yes:1 no:0
11363   #EOF
11364   #date;mkdir result4size09
11365   #xdir=0;result4size09/IS2NPLITS27L200s605;mkdir $xdir0;
11366   # xdir=${xdir0}/ny${ny}nu${nu}N${N}b${b}a${a}s${seed};for usezmtrand
11367   # xdir=${xdir0}/ny${ny}nu${nu}N${N}b${b}a${a}s${seed};mkdir $xdir;
11368   # xdir=${xdir0}/ny${ny}nu${nu}N${N}b${b}a${a}s${seed};mkdir $xdir;
11369   # cp y.dat $xdir//cp result.dat $xdir
11370   # echo "cp y.dat $xdir//cp result.dat $xdir"
11371   #done
11372   scp -r /result4size09_kuro@kurolab2:/home/kuro/soctv/2009/09koshi/prog/koshi_prog/
11373   scp -r kuro@kurolab2:/home/kuro/soctv/2009/09koshi/prog/koshi_prog/result4size09_:/
11374
11375   scp -r kuro@kurolab2:/home/kuro/soctv/2009/09koshi/prog/koshi_prog/result4size09/IS2NPLITS27L200s605/
11376   #以下 表示 .tgifの図作成例
11377   gnuplot
11378   cd "/result4size09/IS2NPLITS27L200s605";
11379   set style data lines;set pointsize 1.0;
11380   plot [][380:450] "ny2nu2N5b30a0.7s0z/result.dat" using 1:4 t "3,1", "ny3nu2N5b30a0.7s0z/result.dat" using 1:4 t "3,1", "ny3nu2N5b30a0.7s0z/result.dat" using 1:4 t "3,3";set terminal tgif;set output "TS5c30a0.7.obj";replot;set terminal xll
11381   set style data lines;set pointsize 1.0;
11382   plot [][380:450] "ny2nu2N5b30a0.03s0z/result.dat" using 1:4 t "2,2", "ny3nu2N5b30a0.03s0z/result.dat" using 1:4 t "3,1", "ny3nu2N5b30a0.03s0z/result.dat" using 1:4 t "3,3";set terminal tgif;set output "TS5b30a0.7.obj";replot;set terminal xll
11383   plot [][380:450] "ny2nu2N5b0a0s0z/result.dat" using 1:4 t "2,2", "ny3nu2N5b0a0s0z/result.dat" using 1:4 t "3,1", "ny3nu2N5b0a0s0z/result.dat" using 1:4 t "3,3";set terminal tgif;set output "TS5b0a0.obj";replot;set terminal xll
11384   cd "/result4size09/IS2NPLITS27L200s605";set style data lines
11385   plot [][0:3] "ny2nu2N5b30a0.7s0z/result.dat" using 1:2 t "2,2", "ny3nu2N5b30a0.7s0z/result.dat" using 1:2 t "3,1", "ny3nu2N5b30a0.7s0z/result.dat" using 1:2 t "3,2", "ny3nu3N5b30a0.7s0z/result.dat" using 1:2 t "3,3";set terminal tgif;set output "OSS5b0a0.7.obj";replot;set terminal xll
11386   set style data lines;set pointsize 1.0;
11387   plot [][0:3] "ny2nu2N5b30a0.03s0z/result.dat" using 1:2 t "2,2", "ny3nu2N5b30a0.03s0z/result.dat" using 1:2 t "3,1", "ny3nu2N5b30a0.03s0z/result.dat" using 1:2 t "3,2", "ny3nu3N5b30a0.03s0z/result.dat" using 1:2 t "3,3";set terminal tgif;set output "OSS5b0a0.03.obj";replot;set terminal xll
```

```
11388 plot [][0:3] "ny2nu2N5b0a0s0z/result.dat" using 1:2 t "2,2", "ny3nu2N5b0a0s0z/result.dat" using 1:2 t "3,1", "ny3nu2N5b0a0s0z/result.dat" using 1:2 t "3,2", "ny3nu3N5b0a0s0z/result.dat" using 1:2 t "3,3";set terminal tgif;set output "OSSb0a0.obj";replot;set terminal xll
11389
11390
11391
11392
11393 plot [][0:3] "ny2nu2N5b30a0.03s0z/result.dat" using 1:2 t "2,2", "ny3nu2N5b30a0.03s0z/result.dat" using 1:2 t "3,1", "ny3nu2N5b30a0.03s0z/result.dat" using 1:2 t "3,2", "ny3nu3N5b30a0.03s0z/result.dat" using 1:2 t "3,3";set terminal tgif;set output "TS5c.obj";replot;set terminal xll
11394
11395
11396 plot [][0:3] "ny3nu3N5b40a0.1/result.dat" using 1:2 w lp, "ny3nu3N5b40a0.1/result.dat" using 1:2 w l
11397
11398 plot [][380:450] "ny3nu3N5b40a0.1/result.dat" using 1:4 w lp, "ny3nu3N5b40a0.1/result.dat" using 1:4 w lp, "ny3nu3N5b40a0.2/result.dat" using 1:4 w lp, "ny3nu3N5b40a0.3/result.dat" using 1:4 w lp, "ny3nu3N5b40a0.4/result.dat" using 1:4 w lp, "ny3nu3N5b40a0.5/result.dat" using 1:4 w lp, "ny3nu3N5b40a0.6/result.dat" using 1:4 w lp, "ny3nu3N5b40a0.7/result.dat" using 1:4 w lp, "ny3nu3N5b40a0.8/result.dat" using 1:4 w lp, "ny3nu3N5b40a0.9/result.dat" using 1:4 w lp, "ny3nu3N5b40a1.0/result.dat" using 1:4 w lp
11399
11400 plot [][0:3] "ny3nu3N3b10a0.1/result.dat" using 1:2 w lp 4, "ny3nu3N3b20a0.1/result.dat" using 1:2 w lp 5, "ny3nu3N3b30a0.1/result.dat" using 1:2 w lp 6, "ny3nu3N3b40a0.1/result.dat" using 1:2 w lp 7, "ny3nu3N3b50a0.1/result.dat" using 1:2 w lp, "ny3nu3N2b30a0.1/result.dat" using 1:2 w lp, "ny3nu3N2b40a0.2/result.dat" using 1:2 w lp, "ny3nu3N2b40a0.3/result.dat" using 1:2 w lp, "ny3nu3N2b40a0.08/result.dat" using 1:2 w lp
11401
11402 plot [][380:450] "ny3nu3N3b10a0.1/result.dat" using 1:4 w lp 4, "ny3nu3N3b20a0.1/result.dat" using 1:4 w lp 5, "ny3nu3N3b30a0.1/result.dat" using 1:4 w lp 6, "ny3nu3N3b40a0.1/result.dat" using 1:4 w lp 7, "ny3nu3N2b10a0.1/result.dat" using 1:4 w lp, "ny3nu3N2b30a0.1/result.dat" using 1:4 w lp, "ny3nu3N2b40a0.1/result.dat" using 1:4 w lp, "ny3nu3N2b40a0.2/result.dat" using 1:4 w lp, "ny3nu3N2b40a0.3/result.dat" using 1:4 w lp, "ny3nu3N2b40a0.08/result.dat" using 1:4 w lp
11403
11404 plot [][1:2] "ny3nu3N5b20a0.03s0z/result.dat" using 1:5 w lp, "ny3nu3N5b30a0.03s0z/result.dat" using 1:5 w lp, "ny3nu3N5b40a0.03s0z/result.dat" using 1:5 w lp, "ny3nu3N5b50a0.03s0z/result.dat" using 1:5 w lp, "ny3nu3N5b20a0.7s0z/result.dat" using 1:5 w lp, "ny3nu3N5b40a0.7s0z/result.dat" using 1:5 w lp
11405
11406 #####strand(0): at #ifndef ORIGseed in kuwa_emulate.c
11407 ##### smaller a --> smaller fluctuation
11408 ##### larger a --> larger du~2 (see below with gnuplot)
11409 ##### smaller dp~2
11410 ##### J= sum dp^2 + sum du^2
11411 ##### a=0.03 --> large variance but small bias --> (GPC) --> small du?
11412 ##### a=0.7 --> small variance and small bias --> (GPC) --> large du?
11413 ##### a=>fluctuation of TS and TO is smaller for smaller a(0.03) than 0.7
11414 #####plot [][50:60] "ny3nu3N5b30a0.7s0z/y.dat" using 1:4, "ny3nu3N5b30a0.03s0z/y.dat" using 1:4
11415 ##### larger N works for various ny(=ky) and nu(=ku) with same constants?
11416 ##### but N=2 works with bagging?
11417 ##### using zmtrand, N2
11418 ##### cd "/result4size09/IS2NPLITS27L200s605"
11419 ##### bigger lambda allows bigger overshoot?
11420 #plot "y.dat" using 1:4 title "P/Fmax[λ]", "y.dat" using 1:2 title "T_B[deg]", "y.dat" using 1:12 title "E_Tenergy";set terminal tgif;set output "y.obj";replot;set terminal xll
11421 saved in result4size09/IS2NPLITS27L200s605
11422 differential (b0)
11423 100 1271.250000 5.382851 7.373331 3699.868368 it.TS.OS,Em.Um IS2NPLITS27L200s605/ny1nu1N5b0a0s0z
11424 100 -1.000000 40.619780 5.329534 39134.100748 it.TS.OS,Em.Um IS2NPLITS27L200s605/ny2nu1N5b0a0s0z
11425 100 438.250000 0.909827 1.982915 71096.271639 it.TS.OS,Em.Um IS2NPLITS27L200s605/ny2nu2N5b0a0s0z
11426 100 419.000000 1.059827 2.269832 56499.043302 it.TS.OS,Em.Um IS2NPLITS27L200s605/ny3nu1N5b0a0s0z
11427 100 391.750000 1.839827 1.803402 19947.724023 it.TS.OS,Em.Um IS2NPLITS27L200s605/ny3nu2N5b0a0s0z
11428 100 403.250000 1.259827 1.877690 37849.622728 it.TS.OS,Em.Um IS2NPLITS27L200s605/ny3nu3N5b0a0s0z
11429 differential+bagging(b30)
11430 100 426.250000 0.659827 1.830347 25312.811886 it.TS.OS,Em.Um IS2NPLITS27L150s605/ny3nu3N5b30a0.03s0z
11431 100 397.000000 1.519827 1.894047 13886.164381 it.TS.OS,Em.Um IS2NPLITS27L200s605/ny3nu3N5b30a0.03s0z
11432 100 393.000000 1.859827 2.109701 25133.950254 it.TS.OS,Em.Um IS2NPLITS27L200s605/ny3nu3N1b30a0.03s1z
11433 #gnuplot
11434 #cd "/result4size09"
11435 plot [][10000:30000] "IS2NPLITS27L200s605/ny3nu3N5b30a0.03s0z/result.dat" using 1:8 w l
11436 #####
11437 200 395.500000 1.569646 1.834563 12714.459073 it.TS.OS,Em.Um IS2NPLITS27L200s605/ny3nu3N5b30a0.03s0z
11438 500 389.250000 1.979870 1.963188 17669.132422 it.TS.OS,Em.Um IS2NPLITS27L200s605/ny3nu3N2b30a0.03s1z
11439 500 395.750000 1.549980 1.866879 14636.206651 it.TS.OS,Em.Um IS2NPLITS27L200s605/ny3nu3N3b30a0.03s1z
11440 393.000000 1.859827 2.109701 25133.950254 it.TS.OS,Em.Um IS2NPLITS27L200s605/ny3nu3N1b30a0.03s1z
11441 100 393.000000 1.859827 2.109701 25133.950254 it.TS.OS,Em.Um IS2NPLITS27L200s605/ny3nu3N1b30a0.03s1z
```



```
11534 100 426.250000 0.659827 1.830347 25312.811886 it,TS,OS,Em,Um TS2NPL1TS27L150s605/ny3nu3N5b30a0.03s0z
11535
11536
11537 100 2013.000000 10.189854 6.278271 4607.964851 it,TS,OS,Em,Um ny2nu1n5b30a0.7s0z
11538 100 933.000000 2.119731 2.195429 68771.655446 it,TS,OS,Em,Um ny2nu1n5b30a0.7s0z
11539 100 392.000000 1.799827 1.962412 32623.106408 it,TS,OS,Em,Um ny2nu2N5b30a0.7s0z
11540 100 1049.750000 2.679687 2.387640 48515.191266 it,TS,OS,Em,Um ny3nu1n5b30a0.7s0z
11541 100 410.500000 1.089827 1.764794 67759.038948 it,TS,OS,Em,Um ny3nu2N5b30a0.7s0z
11542 100 399.000000 1.449827 1.792773 26182.600267 it,TS,OS,Em,Um ny3nu3N5b30a0.7s0z
11543
11544 ##### cd result4sice09/IS2NPL1TS27L200s605
11545 100 1135.750000 3.439687 1.258101 it,TS,OS,Em ny2nu1N2b30a0.05s0z
11546 100 394.750000 1.759731 2.171230 it,TS,OS,Em ny2nu2N2b30a0.05s0z
11547 100 407.250000 1.359827 1.339690 it,TS,OS,Em ny3nu1N2b30a0.05s0z
11548 100 967.000000 2.249731 2.201600 it,TS,OS,Em ny3nu2N2b30a0.05s0z
11549 100 396.250000 1.569731 1.259395 it,TS,OS,Em ny3nu3N2b30a0.05s0z
11550
11551 100 991.750000 2.359731 3.187812 it,TS,OS,Em ny3nu3N2b30a0.01s0z
11552 100 895.000000 2.039827 1.998836 it,TS,OS,Em ny3nu3N2b30a0.02s0z
11553 100 394.750000 1.709827 1.600240 it,TS,OS,Em ny3nu3N2b30a0.03s0z
11554 100 390.250000 1.899731 1.448853 it,TS,OS,Em ny3nu3N2b30a0.04s0z
11555 100 396.250000 1.569731 1.259395 it,TS,OS,Em y3nu3N2b30a0.05s0z
11556 100 391.500000 1.939116 1.179794 it,TS,OS,Em ny3nu3N2b30a0.1s0z
11557 100 395.000000 1.659731 1.200944 it,TS,OS,Em ny3nu3N2b30a0.7s0z
11558
11559 ##### using zmrtrand, N5
11560 ##### zmrtrand, N5
11561
11562 100 933.000000 2.119731 1.657825 it,TS,OS,Em ny2nu1n5b30a0.7s0z
11563 100 1049.750000 2.679687 1.988693 it,TS,OS,Em ny3nu1N5b30a0.7s0z
11564 100 410.500000 1.089827 1.144353 it,TS,OS,Em ny3nu2N5b30a0.7s0z
11565 100 399.000000 1.49827 1.084495 it,TS,OS,Em ny3nu3N5b30a0.7s0z
11566
11567 100 1997.000000 8.339854 8.377295 it,TS,OS,Em ny1nu1N5b30a0.03s0z
11568 100 953.000000 2.198317 1.443458 it,TS,OS,Em ny2nu1n5b30a0.03s0z
11569 100 391.500000 1.879827 1.229799 it,TS,OS,Em ny2nu2N5b30a0.03s0z
11570 100 405.000000 1.629827 1.642643 it,TS,OS,Em ny3nu1N5b30a0.03s0z NG,TS&TO-nit
11571 100 399.000000 1.459827 1.259337 it,TS,OS,Em ny3nu2N5b30a0.03s0z
11572 100 397.000000 1.519827 1.375503 it,TS,OS,Em ny3nu3N5b30a0.03s0z
11573
11574 100 394.750000 1.709827 1.600240 it,TS,OS,Em ny3nu3N2b30a0.03s0z
11575 100 397.000000 1.519827 1.375305 it,TS,OS,Em ny3nu3N5b30a0.03s0z
11576 100 410.500000 1.129827 1.261372 it,TS,OS,Em ny3nu3N10b30a0.03s0z
11577 100 1236.250000 4.749687 1.307495 it,TS,OS,Em ny3nu3N15b30a0.03s0z
11578
11579 100 403.250000 1.269827 2.419622 it,TS,OS,Em ny3nu3N5b30a0.01s0z
11580 100 408.750000 1.09827 1.623847 it,TS,OS,Em ny3nu3N5b30a0.02s0z
11581 100 397.000000 1.519827 1.183927 it,TS,OS,Em ny3nu3N5b30a0.03s0z
11582 100 404.000000 1.209827 1.180280 it,TS,OS,Em ny3nu3N5b30a0.04s0z
11583 100 408.250000 1.029827 1.113308 it,TS,OS,Em ny3nu3N5b30a0.05s0z
11584 100 408.250000 1.019827 1.096743 it,TS,OS,Em ny3nu3N5b30a0.06s0z
11585 100 410.500000 0.949827 1.076155 it,TS,OS,Em ny3nu3N5b30a0.7s0z
11586 100 399.000000 1.49827 1.084495 it,TS,OS,Em ny3nu3N5b30a0.7s0z
11587 100 408.000000 1.069827 1.047874 it,TS,OS,Em ny3nu3N5b30a1.0s0z
11588
11589 100 406.000000 1.159827 2.158105 it,TS,OS,Em ny3nu3N5b20a0.01s0z
11590 100 391.750000 1.859827 1.763798 it,TS,OS,Em ny3nu3N5b20a0.02s0z u-hanching
11591 100 393.500000 1.729731 1.377993 it,TS,OS,Em ny3nu3N5b20a0.03s0z smallTS but largeE
11592 100 408.000000 1.079827 1.215116 it,TS,OS,Em ny3nu3N5b20a0.04s0z
11593 100 401.750000 1.339827 1.215726 it,TS,OS,Em ny3nu3N5b20a0.05s0z
11594 100 401.750000 1.319827 1.125336 it,TS,OS,Em ny3nu3N5b20a0.06s0z
11595 100 403.250000 1.229827 1.082175 it,TS,OS,Em ny3nu3N5b20a0.07s0z min2
11596 100 414.500000 0.829827 1.049155 it,TS,OS,Em ny3nu3N5b20a0.1s0z min1
11597 100 405.000000 1.209827 1.089512 it,TS,OS,Em ny3nu3N5b20a0.6s0z
11598 100 393.000000 1.709827 1.086602 it,TS,OS,Em ny3nu3N5b20a0.7s0z mine3, smallITS, smallE
11599 100 413.000000 0.909827 1.119274 it,TS,OS,Em ny3nu3N5b20a0.8s0z
11600 100 406.000000 1.139827 1.103215 it,TS,OS,Em ny3nu3N5b20a1.0s0z
11601
11602 100 405.000000 1.169827 2.646815 it,TS,OS,Em ny3nu3N5b40a0.01s0z
11603 100 393.750000 1.709827 1.602225 it,TS,OS,Em ny3nu3N5b40a0.02s0z
11604 100 399.000000 1.49827 1.473896 it,TS,OS,Em ny3nu3N5b40a0.03s0z
11605 100 396.250000 1.629827 1.170065 it,TS,OS,Em ny3nu3N5b40a0.04s0z
11606 100 408.250000 1.649827 1.094729 it,TS,OS,Em ny3nu3N5b40a0.05s0z
11607 100 395.500000 1.69827 1.190446 it,TS,OS,Em ny3nu3N5b40a0.06s0z
11608 100 408.750000 1.039827 1.087870 it,TS,OS,Em ny3nu3N5b40a0.6s0z minE1
11609 100 397.000000 1.579827 1.095072 it,TS,OS,Em ny3nu3N5b40a0.7s0z
11610 100 405.000000 1.199827 1.094239 it,TS,OS,Em ny3nu3N5b40a0.8s0z
11611
11612 100 1167.250000 3.809687 1.189698 it,TS,OS,Em ny3nu3N5b55a0.03s0z
11613 100 869.000000 2.009827 1.434946 it,TS,OS,Em ny3nu3N5b10a0.03s0z
11614 100 393.500000 1.729731 1.377993 it,TS,OS,Em ny3nu3N5b20a0.03s0z smallTS but largeE
11615 100 397.000000 1.519827 1.375305 it,TS,OS,Em ny3nu3N5b30a0.03s0z
```

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11616 100 399.000000 1.469827 1.473896 it,TS,OS,Em ny3nu3N5b40a0.03s0z
11617 100 409.750000 1.389827 1.414726 it,TS,OS,Em ny3nu3N5b50a0.03s0z
11618 100 399.250000 1.419827 1.352432 it,TS,OS,Em ny3nu3N5b60a0.03s0z ?!large b->small variance of E?
11619
11620 100 393.500000 1.729731 1.377993 it,TS,OS,Em ny3nu3N5b20a0.03s0z
11621 100 397.000000 1.519827 1.375305 it,TS,OS,Em ny3nu3N5b30a0.03s0z
11622
11623 100 1018.500000 2.499731 3.262299 it,TS,OS,Em ny3nu3N5b20a0.004s0
11624 100 401.750000 1.229827 3.205770 it,TS,OS,Em ny3nu3N5b20a0.006s0
11625 100 393.000000 1.749827 2.067082 it,TS,OS,Em ny3nu3N5b20a0.007s0
11626 100 393.000000 1.729827 2.242330 it,TS,OS,Em ny3nu3N5b20a0.008s0 ***?
11627 100 394.250000 1.679827 2.237507 it,TS,OS,Em ny3nu3N5b20a0.009s0
11628 100 397.000000 1.479827 2.237507 it,TS,OS,Em ny3nu3N5b20a0.01s0
11629 100 407.250000 1.079827 1.716204 it,TS,OS,Em ny3nu3N5b20a0.02s0 yuka
11630 100 407.250000 1.079827 1.716204 it,TS,OS,Em ny3nu3N5b20a0.04s0 yuka
11631 100 413.000000 0.929827 1.114838 it,TS,OS,Em ny3nu3N5b20a0.04s0 yuka
11632 100 404.000000 1.189827 1.114286 it,TS,OS,Em ny3nu3N5b20a0.06s0 yuka
11633 100 412.250000 0.969827 1.084679 it,TS,OS,Em ny3nu3N5b20a0.06s0 yuka
11634 100 401.750000 1.239827 1.109454 it,TS,OS,Em ny3nu3N5b20a0.1s0 kurolab2
11635 100 402.750000 1.249827 1.102056 it,TS,OS,Em ny3nu3N5b20a0.2s0 kurolab2
11636 100 407.250000 1.179827 1.077949 it,TS,OS,Em ny3nu3N5b20a0.3s0 kurolab2
11637 100 407.250000 1.099827 1.089910 it,TS,OS,Em ny3nu3N5b20a0.4s0 kurolab2
11638 100 410.500000 0.959827 1.088651 it,TS,OS,Em ny3nu3N5b20a0.5s0 kurolab2
11639 100 410.500000 0.969827 1.079599 it,TS,OS,Em ny3nu3N5b20a0.6s0 kurolab2
11640 100 400.750000 1.399827 1.104602 it,TS,OS,Em ny3nu3N5b20a0.7s0
11641 100 405.000000 1.199827 1.120797 it,TS,OS,Em ny3nu3N5b20a0.8s0
11642 100 391.500000 1.979731 1.095553 it,TS,OS,Em ny3nu3N5b20a0.9s0 vibration?
11643 100 399.250000 1.439827 1.094997 it,TS,OS,Em ny3nu3N5b20a1.0s0
11644
11645 100 404.000000 1.199827 2.459522 it,TS,OS,Em ny3nu3N5b30a0.008s0
11646 100 414.500000 0.839827 2.676939 it,TS,OS,Em ny3nu3N5b40a0.008s0
11647 100 991.750000 2.369116 1.916458 it,TS,OS,Em ny3nu3N5b20a0.008s0 ?? usezmrtrand
11648 100 969.750000 2.259827 2.467658 it,TS,OS,Em ny3nu3N5b40a0.008s0z
11649
11650 100 969.750000 2.259827 2.467658 it,TS,OS,Em
11651
11652 100 406.250000 1.119827 1.056872 it,TS,OS,Em ny3nu3N5b40a0.7s0
11653 #NG
11654 #NG100 406.000000 1.169827 1.131661 it,TS,OS,Em ny3nu3N5b20a0.7s0
11655 #NG100 406.000000 1.139827 1.131661 it,TS,OS,Em ny3nu3N5b40a0.7s0?
11656 #NG100 406.000000 1.139827 1.080193 it,TS,OS,Em ny3nu3N5b40a0.7s0
11657 #NG100 996.500000 2.379731 1.169153 it,TS,OS,Em ny3nu3N5b40a0.8s0
11658
11659 #####ORTiceed
11660 100 407.250000 1.109827 1.104300 it,TS,OS,Em ny3nu3N5b40a0.1 kurolab2 yuka
11661 100 406.000000 1.159827 1.069199 it,TS,OS,Em ny3nu3N5b40a0.2 kurolab2
11662 100 415.000000 0.849827 1.113161 it,TS,OS,Em ny3nu3N5b40a0.3 yuka
11663 100 404.000000 1.259827 1.130992 it,TS,OS,Em ny3nu3N5b40a0.4 kurolab2
11664 100 413.250000 0.859827 1.083308 it,TS,OS,Em ny3nu3N5b40a0.5 kurolab2 yuka
11665 100 406.000000 1.159827 1.084025 it,TS,OS,Em ny3nu3N5b40a0.6 kurolab2
11666 100 393.750000 1.709827 1.103070 it,TS,OS,Em ny3nu3N5b40a0.7 yuka
11667 100 395.500000 0.689731 1.106646 it,TS,OS,Em ny3nu3N5b40a0.8 kurolab2
11668 100 412.500000 0.919827 1.036988 it,TS,OS,Em ny3nu3N5b40a0.9 yuka
11669 100 403.250000 1.269827 1.077990 it,TS,OS,Em ny3nu3N5b40a1.0 kurolab2
11670
11671 100 404.000000 1.219827 1.169188 it,TS,OS,Em ny3nu3N5b20a0.1 yuka
11672 100 403.250000 1.239827 1.056106 it,TS,OS,Em ny3nu3N5b20a0.2 yuka
11673 100 408.000000 1.119827 1.119324 it,TS,OS,Em ny3nu3N5b20a0.3 yuka
11674 100 398.500000 1.459827 1.063074 it,TS,OS,Em ny3nu3N5b20a0.4 kurolab2
11675 100 403.250000 1.229827 1.103270 it,TS,OS,Em ny3nu3N5b20a0.5 kurolab2
11676 100 409.250000 1.029827 1.054589 it,TS,OS,Em ny3nu3N5b20a0.6 kurolab2
11677 100 408.000000 1.119827 1.082855 it,TS,OS,Em ny3nu3N5b20a0.7 kurolab2
11678 100 393.000000 1.739827 1.099935 it,TS,OS,Em ny3nu3N5b20a0.8 kurolab2 NG TS-nit<40
11679 #100 401.750000 1.39827 1.085753 it,TS,OS,Em ny3nu3N5b20L200s60s0a0.8----use see below???
11680 100 419.000000 0.719827 1.014137 it,TS,OS,Em ny3nu3N5b20a0.9 kurolab2
11681 100 399.250000 1.399827 1.088393 it,TS,OS,Em ny3nu3N5b20a1.0 kurolab2
11682
11683 #####different a
11684 ##### small a --> small TS, big TO?
11685 ##### small N(>=2) --> small TS, big TO ??
11686 100 395.250000 1.449827 1.233539 it,TS,OS,Em ny3nu3N2b40a0.06 yuka
11687 100 395.500000 1.659827 1.243674 it,TS,OS,Em ny3nu3N2b40a0.08 yuka
11688 100 393.000000 1.819731 1.295804 it,TS,OS,Em ny3nu3N2b40a0.09 kurolab2
11689 100 393.000000 1.819731 1.295804 it,TS,OS,Em ny3nu3N2b40a0.09 yuka
11690 100 391.000000 1.879731 1.251302 it,TS,OS,Em ny3nu3N2b40a0.1 kurolab2 NG4TS-nit<40***minTS
11691 100 395.500000 1.629827 1.164127 it,TS,OS,Em ny3nu3N2b40a0.2 kurolab2
11692 100 399.250000 1.439827 1.156289 it,TS,OS,Em ny3nu3N2b40a0.3 kurolab2---minTO
11693 100 396.250000 1.639731 1.140668 it,TS,OS,Em ny3nu3N2b40a0.5
11694 100 396.250000 1.609827 1.204521 it,TS,OS,Em ny3nu3N2b40a0.6 kurolab2
11695 100 393.000000 1.779731 1.140174 it,TS,OS,Em ny3nu3N2b40a0.7 kurolab2*--minE localminTS
11696 100 399.000000 1.439827 1.163883 it,TS,OS,Em ny3nu3N2b40a0.8 yuka
11697 100 399.000000 1.479827 1.160712 it,TS,OS,Em ny3nu3N2b40a0.9 kurolab2
```

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11698 100 395.500000 1.629827 1.141509 it,TS,OS,Em ny3nu3N2b40a0.0 kurolab2
11699
11700 #####different N and b with a0.1
11701 ##### small N(=2) --> small TS, big TO ??
11702 ##### b>=20 is large enough?
11703 result4=ice09/IS2NPllITS27L200#605
11704 100 415.000000 0.959827 1.271880 it,TS,OS,Em ny3nu3N1b20a0.1 yuka
11705 100 411.000000 1.069827 1.267052 it,TS,OS,Em ny3nu3N1b50a0.1 kurolab2
11706
11707 100 961.000000 2.219827 1.277205 it,TS,OS,Em ny3nu3N2b10a0.1 kurolab2 yuka
11708 100 394.250000 1.679827 1.328560 it,TS,OS,Em ny3nu3N2b20a0.1 yuka
11709 100 393.000000 1.759827 1.271229 it,TS,OS,Em ny3nu3N2b30a0.1 kurolab2
11710 100 391.000000 1.879731 1.251302 it,TS,OS,Em ny3nu3N2b40a0.1 kurolab2 NG47TS-nit<40
11711 100 391.750000 1.829827 1.259861 it,TS,OS,Em ny3nu3N2b50a0.1 kurolab2 NG47TS-nit<50
11712
11713 100 393.000000 1.769827 1.228487 it,TS,OS,Em ny3nu3N3b10a0.1
11714 100 398.500000 1.489827 1.240459 it,TS,OS,Em ny3nu3N3b20a0.1
11715 100 399.250000 1.419827 1.201814 it,TS,OS,Em ny3nu3N3b30a0.1 kurolab2 yuka
11716 100 398.500000 1.499827 1.163005 it,TS,OS,Em ny3nu3N3b40a0.1
11717 100 404.000000 1.219827 1.169188 it,TS,OS,Em ny3nu3N3b50a0.1 kurolab2
11718
11719 100 394.750000 1.689827 1.209431 it,TS,OS,Em ny3nu3N2b10a0.1 susanoo??
11720 100 403.250000 1.299827 1.145874 it,TS,OS,Em ny3nu3N2b20a0.1 susanoo??
11721 100 401.250000 1.369827 1.172659 it,TS,OS,Em ny3nu3N2b40a0.1 susanoo??
11722 100 401.250000 1.369827 1.172659 it,TS,OS,Em ny3nu3N2b40a0.1 susanoo??
11723
11724 100 391.500000 1.879827 1.165118 it,TS,OS,Em ny3nu3N3b10a0.1 susanoo
11725 100 403.250000 1.309827 1.134900 it,TS,OS,Em ny3nu3N3b20a0.1 susanoo
11726 100 403.250000 1.309827 1.134900 it,TS,OS,Em ny3nu3N3b20a0.1 susanoo
11727
11728 rslTIS2NPllITS27L200/ny3nu3N3b30a0.1
11729 100 419.250000 1.469827 1.543357 it,TS,OS,Em ny3nu3N3b30a0.1 kurolab2
11730
11731 rdIr0=rsItIS2NPllITS27L200#mkdir $rdIr0;
11732 ny3=3;nu=3;N=5;b=20;a=0.4
11733 rdIr=$[rdIr0]/ny${ny}nu${nu}N${N}b${b}a${a}mkdir $rdIr;
11734 cp y.dat $rdIr//cp result.dat $rdIr/
11735
11737 plot [[0:3] "ny3nu3N5b20a0.005/result.dat" using 1:2 w lp, "ny3nu3N5b20a0.01/result.dat" using 1:2
w lp, "ny3nu3N5b20a0.05/result.dat" using 1:2 w lp, "ny3nu3N5b20a0.1/result.dat" using 1:2 w lp, "ny3nu3N5b20a0.3/result.dat" using 1:2 w lp, "ny3nu3N5b20a0.4/result.dat" using 1:2 w lp, "ny3nu3N5b20a0.6/result.dat" using 1:2 w lp, "ny3nu3N5b20a0.7/result.dat" using 1:2 w lp, "ny3nu3N5b20a0.8/result.dat" using 1:2 w lp, "ny3nu3N5b40a0.05/result.dat" using 1:2 w lp, "ny3nu3N5b30a0.4/result.dat" using 1:2 w lp
11738
11739 plot [[1:380:450] "ny3nu3N5b20a0.005/result.dat" using 1:4 w lp, "ny3nu3N5b20a0.01/result.dat" using 1:4 w lp, "ny3nu3N5b20a0.05/result.dat" using 1:4 w lp, "ny3nu3N5b20a0.1/result.dat" using 1:4 w lp, "ny3nu3N5b20a0.3/result.dat" using 1:4 w lp, "ny3nu3N5b20a0.4/result.d
at" using 1:4 w lp, "ny3nu3N5b20a0.6/result.dat" using 1:4 w lp, "ny3nu3N5b20a0.7/result.dat" using 1:4 w lp, "ny3nu3N5b20a0.8/result.dat" using 1:4 w lp, "ny3nu3N5b40a0.05/result.dat" using 1:4 w lp, "ny3nu3N5b30a0.4/result.dat" using 1:4 w lp
11740
11741 rslTIS2NPllITS27L200/ny3nu3N5b20a0.4
11742
11743 100 404.000000 1.209827 1.110050 it,TS,OS,Em ny3nu3N5b30L200s605a0.1 yuka
11744 100 399.250000 1.419827 1.201814 it,TS,OS,Em ny3nu3N5b30L200s605a0.1 yuka
11745
11746 30 412.750000 1.609953 1.570597 it,TS,OS,Em ny3nu3N5b20L200s605a0.4
11747
11748 100 405.000000 1.189827 3.261607 it,TS,OS,Em ny3nu3N5b20L200s605a0.01NG
11749 100 401.250000 1.359827 1.379832 it,TS,OS,Em ny3nu3N5b20L200s605a0.05
11750 100 404.000000 1.219827 1.169188 it,TS,OS,Em ny3nu3N5b20L200s605a0.1
11751 100 403.250000 1.239827 1.056106 it,TS,OS,Em ny3nu3N5b20L200s605a0.2
11752 100 408.000000 1.119827 1.119324 it,TS,OS,Em ny3nu3N5b20L200s605a0.3
11753 100 398.500000 1.459827 1.063074 it,TS,OS,Em ny3nu3N5b20L200s605a0.4
11754 100 409.250000 1.029827 1.054589 it,TS,OS,Em ny3nu3N5b20L200s605a0.6
11755 100 408.000000 1.119827 1.082855 it,TS,OS,Em ny3nu3N5b20L200s605a0.7
11756 100 393.000000 1.779827 1.099935 it,TS,OS,Em ny3nu3N5b20L200s605a0.8
11757
11758 100 406.250000 1.129827 1.255667 it,TS,OS,Em ny3nu3N5b40L200s605a0.05
11759 100 404.000000 1.229827 1.088284 it,TS,OS,Em ny3nu3N5b30L200s605a0.4
11760
11761 100 1276.500000 5.419854 1.241805 it,TS,OS,Em ny2nu3N5b20L200s605a0.4
11762
11763 100 1276.500000 5.419854 1.241805 it,TS,OS,Em ny2nu3N5b20L200s605a0.4
11764
11765 100 1276.500000 5.419854 1.241805 it,TS,OS,Em ny2nu3N5b20L200s605a0.4
11766
11767 100 1276.500000 5.419854 1.241805 it,TS,OS,Em ny2nu3N5b20L200s605a0.4
11768
11769 090331
```

```
11770 090424
11771 #####different N and b with a0.1
11772 ##### small N(=2) --> small TS, big TO ??
11773 ##### b>=20 is large enough?
11774 result4=ice09/IS2NPllITS27L200#605
11775 100 415.000000 0.959827 1.271880 it,TS,OS,Em ny3nu3N1b20a0.1 yuka
11776 100 411.000000 1.069827 1.267052 it,TS,OS,Em ny3nu3N1b50a0.1 kurolab2
11777
11778 100 961.000000 2.219827 1.277205 it,TS,OS,Em ny3nu3N2b10a0.1 kurolab2 yuka
11779 100 394.250000 1.679827 1.328560 it,TS,OS,Em ny3nu3N2b20a0.1 yuka
11780 100 393.000000 1.759827 1.271229 it,TS,OS,Em ny3nu3N2b30a0.1 kurolab2
11781 100 391.000000 1.879731 1.251302 it,TS,OS,Em ny3nu3N2b40a0.1 kurolab2 NG47TS-nit<40
11782 100 391.750000 1.829827 1.259861 it,TS,OS,Em ny3nu3N2b50a0.1 kurolab2 NG47TS-nit<50
11783
11784 100 393.000000 1.769827 1.228487 it,TS,OS,Em ny3nu3N3b10a0.1
11785 100 398.500000 1.489827 1.240459 it,TS,OS,Em ny3nu3N3b20a0.1
11786 100 399.250000 1.419827 1.201814 it,TS,OS,Em ny3nu3N3b30a0.1 kurolab2 yuka
11787 100 398.500000 1.499827 1.163005 it,TS,OS,Em ny3nu3N3b40a0.1
11788 100 404.000000 1.219827 1.169188 it,TS,OS,Em ny3nu3N3b50a0.1 kurolab2
11789
11790 100 394.750000 1.689827 1.209431 it,TS,OS,Em ny3nu3N2b10a0.1 susanoo??
11791 100 403.250000 1.299827 1.145874 it,TS,OS,Em ny3nu3N2b20a0.1 susanoo??
11792 100 401.250000 1.369827 1.172659 it,TS,OS,Em ny3nu3N2b40a0.1 susanoo??
11793 100 401.250000 1.369827 1.172659 it,TS,OS,Em ny3nu3N2b40a0.1 susanoo??
11794
11795 100 391.500000 1.879827 1.165118 it,TS,OS,Em ny3nu3N3b10a0.1 susanoo
11796 100 403.250000 1.309827 1.134900 it,TS,OS,Em ny3nu3N3b20a0.1 susanoo
11797 100 403.250000 1.309827 1.134900 it,TS,OS,Em ny3nu3N3b20a0.1 susanoo
11798
11799 rslTIS2NPllITS27L200/ny3nu3N3b30a0.1
11800 100 419.250000 1.469827 1.543357 it,TS,OS,Em ny3nu3N3b30a0.1 kurolab2
11801
11802 rdIr0=rsItIS2NPllITS27L200#mkdir $rdIr0;
11803 ny3=3;nu=3;N=5;b=20;a=0.4
11804 rdIr=$[rdIr0]/ny${ny}nu${nu}N${N}b${b}a${a}mkdir $rdIr;
11805 cp y.dat $rdIr//cp result.dat $rdIr/
11806
11807 plot [[0:3] "ny3nu3N5b20a0.005/result.dat" using 1:2 w lp, "ny3nu3N5b20a0.01/result.dat" using 1:2
w lp, "ny3nu3N5b20a0.05/result.dat" using 1:2 w lp, "ny3nu3N5b20a0.1/result.dat" using 1:2 w lp, "ny3nu3N5b20a0.3/result.dat" using 1:2 w lp, "ny3nu3N5b20a0.4/result.dat" using 1:2 w lp, "ny3nu3N5b20a0.6/result.dat" using 1:2 w lp, "ny3nu3N5b20a0.7/result.dat" using 1:2 w lp, "ny3nu3N5b20a0.8/result.dat" using 1:2 w lp, "ny3nu3N5b40a0.05/result.dat" using 1:2 w lp, "ny3nu3N5b30a0.4/result.dat" using 1:2 w lp
11808
11809 plot [[1:380:450] "ny3nu3N5b20a0.005/result.dat" using 1:4 w lp, "ny3nu3N5b20a0.01/result.dat" using 1:4 w lp, "ny3nu3N5b20a0.05/result.dat" using 1:4 w lp, "ny3nu3N5b20a0.1/result.dat" using 1:4 w lp, "ny3nu3N5b20a0.3/result.dat" using 1:4 w lp, "ny3nu3N5b20a0.4/result.d
at" using 1:4 w lp, "ny3nu3N5b20a0.6/result.dat" using 1:4 w lp, "ny3nu3N5b20a0.7/result.dat" using 1:4 w lp, "ny3nu3N5b20a0.8/result.dat" using 1:4 w lp, "ny3nu3N5b40a0.05/result.dat" using 1:4 w lp, "ny3nu3N5b30a0.4/result.dat" using 1:4 w lp
11810
11811 rslTIS2NPllITS27L200/ny3nu3N5b20a0.4
11812
11813 100 404.000000 1.209827 1.110050 it,TS,OS,Em ny3nu3N5b30L200s605a0.1 yuka
11814 100 399.250000 1.419827 1.201814 it,TS,OS,Em ny3nu3N5b30L200s605a0.1 yuka
11815
11816 30 412.750000 1.609953 1.570597 it,TS,OS,Em ny3nu3N5b20L200s605a0.4
11817
11818 100 405.000000 1.189827 3.261607 it,TS,OS,Em ny3nu3N5b20L200s605a0.01NG
11819 100 401.250000 1.359827 1.379832 it,TS,OS,Em ny3nu3N5b20L200s605a0.05
11820 100 404.000000 1.219827 1.169188 it,TS,OS,Em ny3nu3N5b20L200s605a0.1
11821 100 403.250000 1.239827 1.056106 it,TS,OS,Em ny3nu3N5b20L200s605a0.2
11822 100 408.000000 1.119827 1.119324 it,TS,OS,Em ny3nu3N5b20L200s605a0.3
11823 100 398.500000 1.459827 1.063074 it,TS,OS,Em ny3nu3N5b20L200s605a0.4
11824 100 409.250000 1.029827 1.054589 it,TS,OS,Em ny3nu3N5b20L200s605a0.6
11825 100 408.000000 1.119827 1.082855 it,TS,OS,Em ny3nu3N5b20L200s605a0.7
11826 100 393.000000 1.779827 1.099935 it,TS,OS,Em ny3nu3N5b20L200s605a0.8
11827
11828 100 406.250000 1.129827 1.255667 it,TS,OS,Em ny3nu3N5b40L200s605a0.05
11829 100 404.000000 1.229827 1.088284 it,TS,OS,Em ny3nu3N5b30L200s605a0.4
11830
11831 100 1276.500000 5.419854 1.241805 it,TS,OS,Em ny2nu3N5b20L200s605a0.4
11832
11833 100 1276.500000 5.419854 1.241805 it,TS,OS,Em ny2nu3N5b20L200s605a0.4
11834
11835 100 1276.500000 5.419854 1.241805 it,TS,OS,Em ny2nu3N5b20L200s605a0.4
11836
11837 100 1276.500000 5.419854 1.241805 it,TS,OS,Em ny2nu3N5b20L200s605a0.4
11838
11839 090331
```

```
t "a0.8", "ny3nu3N5b20a1.0/result.dat" using l:4 t "a1.0", "ny3nu3N5b20a1.2/result.dat" using l:4 t "a1.2"/s
11828 diff terminal tgif;set output "TS5b4a.obj";replot;set terminal xll
11829 resultSNPl1TS27L200
11830 resultSNPl1TS27L200
11831 100 1271.250000 5.388251 10.272518 it,TS,OS,Em ny1nu1N5b0L200a605
11832 100 -1.000000 40.619780 2.425747 it,TS,OS,Em ny2nu1N5b0L200a605
11833 100 438.250000 0.909827 1.274115 it,TS,OS,Em ny2nu2N5b0L200a605
11834 100 419.000000 1.059827 1.969807 it,TS,OS,Em ny3nu1N5b0L200a605
11835 100 391.750000 1.839827 1.157156 it,TS,OS,Em ny3nu2N5b0L200a605
11836 100 403.250000 1.259827 1.144285 it,TS,OS,Em ny3nu3N5b0L200a605***->403 1.3
11837 100 901.250000 2.049731 1.312580 it,TS,OS,Em ny4nu1N5b0L200a605
11838 100 408.750000 2.19827 1.155889 it,TS,OS,Em ny4nu2N5b0L200a605
11839 100 401.500000 1.09827 1.043502 it,TS,OS,Em ny4nu3N5b0L200a605
11840 100 401.500000 1.639827 1.076660 it,TS,OS,Em ny4nu4N5b0L200a605
11841 100 2078.250000 2.40974 2.204822 it,TS,OS,Em ny5nu1N5b0L200a605
11842 100 500.750000 1.748251 1.054915 it,TS,OS,Em ny5nu2N5b0L200a605
11843 100 896.250000 2.019687 1.138659 it,TS,OS,Em ny3nu3N5b0L200a605
11844 100 494.500000 0.189862 1.185882 it,TS,OS,Em ny4nu4N5b0L200a605 u hanching?
11845 100 470.750000 0.529827 1.351182 it,TS,OS,Em ny5nu3N5b0L200a605
11846 differential+bagging use
11847 resultTSNPl1TS27L200
11848 100 1885.000000 9.309854 10.208860 it,TS,OS,Em ny1nu1N5b20L200a605a0.8
11849 100 1297.250000 5.798251 1.247589 it,TS,OS,Em ny2nu1N5b20L200a605a0.8
11850 100 394.750000 1.689827 1.199874 it,TS,OS,Em ny2nu2N5b20L200a605a0.8
11851 100 417.750000 0.949827 1.466832 it,TS,OS,Em ny3nu1N5b20L200a605a0.8
11852 100 419.500000 0.879827 1.121100 it,TS,OS,Em ny3nu2N5b20L200a605a0.8
11853 100 401.750000 1.339827 1.085753 it,TS,OS,Em ny3nu3N5b20L200a605a0.8
11854 100 401.750000 1.439827 1.126029 it,TS,OS,Em ny3nu3N5b20L200a605a0.8
11855 100 399.000000 1.439827 1.126029 it,TS,OS,Em ny3nu3N5b20L200a605a0.8
11856 100 399.000000 1.459827 1.119967 it,TS,OS,Em ny3nu3N5b20L200a605a0.8
11857 100 404.000000 1.49827 1.105732 it,TS,OS,Em ny3nu3N5b20L200a605a0.8
11858 100 401.750000 1.339827 1.085753 it,TS,OS,Em ny3nu3N5b20L200a605a0.8
11859 100 399.250000 1.49827 1.084061 it,TS,OS,Em ny3nu3N5b20L200a605a0.8
11860 100 399.250000 1.49827 1.084061 it,TS,OS,Em ny3nu3N5b20L200a605a0.8
11861 100 399.250000 1.49827 1.084061 it,TS,OS,Em ny3nu3N5b20L200a605a0.8
11862 resultTSNPl1TS27L200/ny3nu3N5b20a1.0
11863 100 410.500000 0.949827 1.084311 it,TS,OS,Em ny3nu3N5b20L200a605a0.4
11864 100 401.750000 1.319827 1.095861 it,TS,OS,Em ny3nu3N5b20L200a605a0.6
11865 100 411.000000 0.969827 1.047706 it,TS,OS,Em ny3nu3N5b20L200a605a0.8
11866 100 401.750000 1.339827 1.085753 it,TS,OS,Em ny3nu3N5b20L200a605a0.8
11867 100 399.250000 1.399827 1.088393 it,TS,OS,Em ny3nu3N5b20L200a605a0.8
11868 100 399.250000 1.399827 1.088393 it,TS,OS,Em ny3nu3N5b20L200a605a0.8
11869 resultTSNPl1TS27L200/ny3nu1N5b20a1.0
11870 100 1520.000000 13.649854 1.421183 it,TS,OS,Em ny2nu1N5b20L200a605a1.0
11871 100 391.000000 1.899827 1.172250 it,TS,OS,Em ny2nu2N5b20L200a605a1.0
11872 100 430.250000 0.649827 1.572380 it,TS,OS,Em ny3nu1N5b20L200a605a1.0
11873 100 394.750000 1.749827 1.114348 it,TS,OS,Em ny3nu2N5b20L200a605a1.0
11874 100 399.250000 1.399827 1.088393 it,TS,OS,Em ny3nu3N5b20L200a605a1.0
11875 set style data lines
11876
11877 plot "y.dat" using l:4 title "P/Pmax(%)", "y.dat" using l:7 title "T", "y.dat" using l:2 title "T_B(deg)", "y.dat" using l:1:2 title "Energy"/set terminal tgif;set output tgif;set terminal xll
11878
11879 100 1110.250000 2.979854 1.143540 it,TS,OS,Em ny2nu1N5b20L200a605
11880 100 417.000000 1.639731 1.221714 it,TS,OS,Em ny2nu1N5b20L200a605
11881 100 397.000000 1.639731 1.210826 it,TS,OS,Em ny2nu2N5b20L200a605
11882 100 984.500000 2.319731 2.074829 it,TS,OS,Em ny3nu1N5b20L200a605
11883 100 403.250000 1.319827 1.115443 it,TS,OS,Em ny3nu2N5b20L200a605
11884 100 411.000000 0.969827 1.047706 it,TS,OS,Em ny3nu3N5b20L200a605
11885 100 406.000000 1.39827 1.153591 it,TS,OS,Em ny4nu1N5b20L200a605
11886 100 403.250000 1.439827 1.160672 it,TS,OS,Em ny4nu2N5b20L200a605
11887 100 901.250000 2.439827 0.995868 it,TS,OS,Em ny4nu3N5b20L200a605
11888 100 972.500000 2.279116 1.079371 it,TS,OS,Em ny4nu4N5b20L200a605
11889 100 -1.000000 0.000000 1.325238 it,TS,OS,Em ny5nu1N5b20L200a605
11890 100 485.500000 1.299687 1.036570 it,TS,OS,Em ny5nu2N5b20L200a605
11891 100 466.250000 0.99827 1.081030 it,TS,OS,Em ny5nu3N5b20L200a605
11892 100 452.500000 1.889687 1.215131 it,TS,OS,Em ny5nu4N5b20L200a605
11893 100 1110.250000 2.979854 1.143540 it,TS,OS,Em ny5nu5N5b20L200a605
11894
11895 100 1303.500000 6.019854 1.179305 it,TS,OS,Em ny2nu3N5b20L200a605
11896
11897 100 417.750000 0.949827 1.466832 it,TS,OS,Em ny3nu1N5b20L200a605a0.8
11898 100 3678.750000 10.609854 1.839130 it,TS,OS,Em ny3nu2N5b20L200a605a0.4
11899 100 4867.750000 7.248251 2.002361 it,TS,OS,Em ny3nu1N5b20L200a605a0.4
11900
11901 #####
11902 100 398.500000 1.469827 1.127145 it,TS,OS,Em ny3nu3N5b0L200a60500
11903 100 399.250000 1.389827 1.109557 it,TS,OS,Em ny3nu3N5b0L200a600
11904 100 404.000000 1.199827 1.136894 it,TS,OS,Em ny3nu3N5b0L200a610
11905 100 404.000000 1.229827 1.128327 it,TS,OS,Em ny3nu3N5b0L200a630
11906 100 415.000000 0.879827 1.080830 it,TS,OS,Em ny3nu3N5b0L130a650
```

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11907 100 417.750000 0.809827 1.127946 it,TS,OS,Em ny3nu3N5b0L141a650
11908 100 408.750000 1.109827 1.099089 it,TS,OS,Em ny3nu3N5b0L150a650
11909 100 408.750000 1.179827 1.106185 it,TS,OS,Em ny3nu3N5b0L180a650
11910 100 412.500000 1.609731 1.039903 it,TS,OS,Em ny3nu3N5b0L190a650
11911 100 399.250000 1.579731 1.082239 it,TS,OS,Em ny3nu3N5b0L200a650
11912 TS27NP11
11913 100 1404.750000 8.499854 1.332898 it,TS,OS,Em ny2nu1N5bL141a650a0.7
11914 100 1370.500000 7.479854 1.529853 it,TS,OS,Em ny2nu1N5bL141a650a0.1
11915 100 -1.000000 5.389854 8.064980 it,TS,OS,Em ny2nu1N5bL141a650a0.05
11916
11917 100 969.000000 2.249743 1.523154 it,TS,OS,Em ny2nu1N5b0L141a650
11918
11919 100 1295.000000 5.729514 1.457320 it,TS,OS,Em ny2nu1N5b200L141a650a0.2
11920 100 1304.500000 5.919514 1.474849 it,TS,OS,Em ny2nu1N5b200L141a650a0.3
11921 100 1226.500000 4.549514 1.652529 it,TS,OS,Em ny2nu1N5b200L141a650a0.4
11922 100 1236.500000 5.049514 1.475993 it,TS,OS,Em ny2nu1N5b200L141a650a0.5
11923 100 1256.000000 5.049514 1.475993 it,TS,OS,Em ny2nu1N5b200L141a650a0.6
11924 100 1186.000000 4.029743 1.579716 it,TS,OS,Em ny2nu1N5b200L141a650a0.6***
11925 100 1808.500000 8.459834 1.285607 it,TS,OS,Em ny2nu1N5b200L141a650a0.7
11926
11927 100 3019.750000 6.449834 5.306461 it,TS,OS,Em ny2nu1N5b100L141a650a0.1
11928 100 1151.750000 3.589743 2.541658 it,TS,OS,Em ny2nu1N5b100L141a650a0.2
11929 100 1060.500000 4.125943 1.706525 it,TS,OS,Em ny2nu1N5b100L141a650a0.3***
11930 100 1195.000000 2.769434 1.559968 it,TS,OS,Em ny2nu1N5b100L141a650a0.4
11931 100 1172.500000 3.839743 1.920627 it,TS,OS,Em ny2nu1N5b100L141a650a0.5
11932 100 1221.000000 4.479743 1.552177 it,TS,OS,Em ny2nu1N5b100L141a650a0.6
11933 100 1419.750000 9.019834 1.385985 it,TS,OS,Em ny2nu1N5b100L141a650a0.7
11934
11935 100 1227.000000 4.578637 1.642668 it,TS,OS,Em ny2nu1N5b20L141a650a0.2
11936 100 1293.250000 5.699834 1.558385 it,TS,OS,Em ny2nu1N5b20L141a650a0.3
11937 100 1167.750000 3.738731 3.428716 it,TS,OS,Em ny2nu1N5b20L141a650a0.4***
11938 100 1327.000000 6.389834 1.392098 it,TS,OS,Em ny2nu1N5b20L141a650a0.5
11939 100 1164.500000 3.749743 1.601206 it,TS,OS,Em ny2nu1N5b20L141a650a0.6**
11940 100 1359.000000 7.199514 1.534185 it,TS,OS,Em ny2nu1N5b20L141a650a0.7
11941
11942 100 1299.500000 5.869834 1.421903 it,TS,OS,Em ny2nu1N5b10L141a650a0.2
11943 100 1353.000000 9.99834 1.53795 it,TS,OS,Em ny2nu1N5b10L141a650a0.3
11944 100 1183.250000 3.998731 1.625155 it,TS,OS,Em ny2nu1N5b10L141a650a0.4***
11945 100 1186.250000 4.039743 1.343502 it,TS,OS,Em ny2nu1N5b10L141a650a0.5
11946 100 1378.000000 7.739834 1.451210 it,TS,OS,Em ny2nu1N5b10L141a650a0.6
11947 100 1280.000000 5.439854 1.363727 it,TS,OS,Em ny2nu1N5b10L141a650a0.7
11948
11949 100 1052.250000 2.699687 1.841683 it,TS,OS,Em ny2nu1N5b10L141a650a0.4
11950
11951 TS27NP11
11952 100 1303.000000 5.998854 10.004157 it,TS,OS,Em ny1nu1N5b20L141a650
11953 100 1868.500000 10.429854 1.289916 it,TS,OS,Em ny2nu1N5b20L141a650
11954 100 411.000000 1.109827 1.210446 it,TS,OS,Em ny2nu2N5b20L141a650
11955 100 393.000000 1.919827 1.719607 it,TS,OS,Em ny3nu1N5b20L141a650
11956 100 410.500000 1.229731 1.091341 it,TS,OS,Em ny3nu2N5b20L141a650
11957 100 408.750000 1.109827 1.048734 it,TS,OS,Em ny3nu3N5b20L141a650
11958 100 408.750000 1.109827 1.317518 it,TS,OS,Em ny3nu3N5b20L141a650
11959 100 2325.750000 16.539854 1.37518 it,TS,OS,Em ny4nu1N5b20L141a650
11960 100 426.250000 0.799827 1.084997 it,TS,OS,Em ny4nu2N5b20L141a650
11961 100 408.750000 1.109827 1.005379 it,TS,OS,Em ny4nu3N5b20L141a650
11962 100 401.250000 1.629827 1.040587 it,TS,OS,Em ny4nu4N5b20L141a650
11963 100 1922.250000 2.169974 2.477698 it,TS,OS,Em ny5nu1N5b20L141a650
11964 100 480.250000 0.439827 1.405949 it,TS,OS,Em ny5nu2N5b20L141a650
11965 100 466.250000 0.629827 1.151633 it,TS,OS,Em ny5nu3N5b20L141a650
11966 100 444.750000 1.659687 1.199791 it,TS,OS,Em ny5nu4N5b20L141a650
11967 100 445.750000 1.659687 1.177981 it,TS,OS,Em ny5nu5N5b20L141a650
11968
11969 100 415.000000 0.879827 1.066790 it,TS,OS,Em ny3nu3N5b20L138a650
11970 100 411.000000 1.019827 1.031661 it,TS,OS,Em ny3nu3N5b20L145a650
11971 100 415.000000 0.909827 1.055428 it,TS,OS,Em ny3nu3N5b20L151a650
11972 TS27NP11
11973 100 1977.750000 8.959974 16.234650 it,TS,OS,Em ny1nu1N5b0L141a650
11974 100 1004.750000 2.419731 2.018258 it,TS,OS,Em ny2nu1N5b0L141a650
11975 100 413.250000 1.269827 1.352030 it,TS,OS,Em ny2nu2N5b0L141a650
11976 100 1102.500000 3.119687 2.058033 it,TS,OS,Em ny3nu1N5b0L141a650
11977 100 397.000000 1.669731 1.225237 it,TS,OS,Em ny3nu2N5b0L141a650
11978 100 417.750000 0.809827 1.127946 it,TS,OS,Em ny3nu3N5b0L141a650
11979 100 1462.250000 9.89858 1.588560 it,TS,OS,Em ny3nu3N5b0L141a650
11980 100 1462.250000 1.719827 1.197867 it,TS,OS,Em ny4nu1N5b0L141a650
11981 100 401.250000 1.449827 1.092927 it,TS,OS,Em ny4nu2N5b0L141a650
11982 100 442.250000 0.309827 1.135347 it,TS,OS,Em ny4nu3N5b0L141a650
11983 100 1079.750000 2.469858 2.427993 it,TS,OS,Em ny5nu1N5b0L141a650
11984 100 1119.500000 3.109854 1.205569 it,TS,OS,Em ny5nu2N5b0L141a650
11985 100 514.000000 0.159994 1.242793 it,TS,OS,Em ny5nu3N5b0L141a650
11986 100 461.250000 0.19731 1.212665 it,TS,OS,Em ny5nu4N5b0L141a650
11987 100 462.500000 0.649731 1.342240 it,TS,OS,Em ny5nu4N5b0L141a650
11988
```

```
11989
11990
11991
11992
11993 TS27NP11
11994 100 1337.500000 6.809854 12.725902 it,TS,OS,Em ny1nu1nib0L141s650
11995 100 404.000000 1.639731 1.440495 it,TS,OS,Em ny2nu2nib0L141s650
11996 100 415.000000 1.019827 1.301988 it,TS,OS,Em ny2nu2nib0L141s650
11997 100 418.000000 1.249827 1.337390 it,TS,OS,Em ny3nu3nib0L141s650
11998 100 391.750000 1.999827 1.362872 it,TS,OS,Em ny3nu3nib0L141s650
11999 100 404.000000 1.339827 1.198146 it,TS,OS,Em ny3nu3nib0L141s650***Use?-->403 1.3>
12000 100 396.250000 1.929731 1.465952 it,TS,OS,Em ny4nu4nib0L141s650
12001 100 393.000000 1.909827 1.368952 it,TS,OS,Em ny4nu4nib0L141s650
12002 100 403.250000 1.39827 1.162412 it,TS,OS,Em ny4nu4nib0L141s650***Use?-->403 1.3>
12003 100 399.000000 1.59827 1.174071 it,TS,OS,Em ny4nu4nib0L141s650
12004 100 1889.250000 5.44907 3.945161 it,TS,OS,Em ny5nu5nib0L141s650
12005 100 445.500000 1.249827 1.783349 it,TS,OS,Em ny5nu5nib0L141s650
12006 100 463.750000 0.529827 1.408769 it,TS,OS,Em ny5nu5nib0L141s650
12007 100 435.250000 0.319731 1.387573 it,TS,OS,Em ny5nu5nib0L141s650
12008 100 461.000000 0.699827 1.333013 it,TS,OS,Em ny5nu5nib0L141s650
12009 100 1004.750000 2.419731 2.018258 it,TS,OS,Em ny2nu2nib0L141s650
12010 100 1910.750000 8.778251 25.539401 it,TS,OS,Em ny2nu2nib0L141s650zatsueon 0.002 L1549kuwa_emulate+..c
12011
12012
12013
12014
12015
12016 TS27NP11L150start650b20
12017 100 410.000000 1.069827 1.028018 it,TS,OS,Em ny4nu3nib0L150 4.1 1.0
12018 100 404.000000 1.369731 1.097762 it,TS,OS,Em ny4nu3nib0L140s650***Use?-->403 1.3
12019 100 404.000000 1.339827 1.198146 it,TS,OS,Em ny3nu3nib0L141s650***Use?-->403 1.3>
12020 100 409.000000 1.109827 1.184604 it,TS,OS,Em ny3nu3nib0L130s650
12021 100 405.000000 1.319827 1.190123 it,TS,OS,Em ny3nu3nib0L140s650***Use?-->403 1.3
12022 100 400.750000 1.509827 1.193174 it,TS,OS,Em ny3nu3nib0L142s650
12023 100 402.250000 1.429827 1.204136 it,TS,OS,Em ny3nu3nib0L145s650
12024 100 399.250000 1.549827 1.202823 it,TS,OS,Em ny3nu3nib0L150s650
12025 100 459.000000 0.199827 1.200112 it,TS,OS,Em ny3nu3nib0L145s60bigvibration
12026 100 457.750000 0.209827 1.212414 it,TS,OS,Em ny3nu3nib0L150s630bigvibration
12027 100 410.500000 0.409827 1.145516 it,TS,OS,Em ny4nu3nib0L140s650
12028 100 405.000000 1.549731 1.133664 it,TS,OS,Em ny4nu3nib0L150s650
12029
12030
12031 090406
12032 #differential-bagging
12033 make
12034 date:time kuwa_emulate+
12035 1 101 #Use ensemble learning? yes:1 no:0
12036 1 #Do you use bagging learning? yes:1 no:0
12037 0 #Do you use boosting learning? yes:1 no:0
12038 5 #Input the number of first cell
12039 5 #Input the number of end cell
12040 20 #Input the number of the resample datasets
12041 0.7 #Input the alpha
12042 0 #Do you use the learning netfile? yes:1 no:0
12043 date
12044 dir0=resultIS2NP1ITS27L150/#mkdir $dir0;
12045 ny=3:nu=1:N=5:b=0
12046 ny=3:nu=3:N=5:b=20
12047 rdir=$rdir0/ny${ny}nu${nu}N${N}b${b}#mkdir $rdir;
12048 cp y.dat $rdir/;cp result.dat $rdir/
12049
12050 #only differential
12051 kuwa_emulate+
12052 0 101 #1:ensemble 0:no ensemble, iteration
12053 1 # number of cells
12054 0 # 0:notusing netfile, 1:using netfile
12055 dir0=resultIS2NP1ITS27L140/#mkdir $rdir0;
12056 dir=resultIS2NP1ITS27L150/#mkdir $rdir0;
12057 ny=3:nu=1:N=5:b=0
12058 ny=3:nu=3:N=5:b=20
12059 rdir=$rdir0/ny${ny}nu${nu}N${N}b${b}#mkdir $rdir;
12060 cp y.dat $rdir/;cp result.dat $rdir/
12061 cd $rdir0;
12062 set style data lines
12063 plot "ny3nu3N5b0/result.dat" using 1:2, "ny3nu3N5b20/result.dat" using 1:2, "ny3nu3N10b20/result.dat" using 1:2,
" using 1:2
12064 plot [[:390:450]] "ny3nu3N5b10/result.dat" using 1:4, "ny3nu3N5b20/result.dat" using 1:4, "ny3nu3N5b3
0/result.dat" using 1:4
12065 plot [[:390:450]] "ny3nu3N5b0/result.dat" using 1:4, "ny3nu3N5b5/result.dat" using 1:4, "ny3nu3N5b10/
result.dat" using 1:4, "ny3nu3N5b15/result.dat" using 1:4, "ny3nu3N5b20/result.dat" using 1:4, "ny3nu3N5b25/
result.dat" using 1:4, "ny3nu3N5b30/result.dat" using 1:4
12066
```

```
12067 ##differential-bagging
12068 rdir0=resultIS2NP1ITS27L150/#mkdir $rdir0;
12069 ny=3:nu=1:N=5:b=0
12070 ny=3:nu=3:N=5:b=20
12071 rdir=$rdir0/ny${ny}nu${nu}N${N}b${b}#mkdir $rdir;
12072 cp y.dat $rdir/;cp result.dat $rdir/
12073 date:make:time kuwa_emulate+
12074 1 101 #Use ensemble learning? yes:1 no:0
12075 1 #Do you use bagging learning? yes:1 no:0
12076 0 #Do you use boosting learning? yes:1 no:0
12077 5 #Input the number of first cell
12078 5 #Input the number of end cell
12079 20 #Input the number of the resample datasets
12080 0.7 #Input the alpha
12081 0 #Do you use the learning netfile? yes:1 no:0
12082 date
12083 #differential
12084 kuwa_emulate+
12085 0 101 #1:ensemble 0:no ensemble, iteration
12086 5 # number of cells
12087 0 # 0:notusing netfile, 1:using netfile
12088
12089 TS27NP11L150start650b20
12090 100 1260.250000 5.179687 10.330746 #it,Seiteijikan,Overshoot,Emean ny1nu1N5b20L150
12091 100 4768.500000 10.338103 9.495775 #it,Seiteijikan,Overshoot,Emean ny1nu2N5b20L150
12092 100 2802.500000 14.659651 4.438424 #it,Seiteijikan,Overshoot,Emean ny1nu3N5b20L150
12093 100 4837.750000 35.779193 17.813546 #it,Seiteijikan,Overshoot,Emean ny1nu4N5b20L150
12094 100 -1.000000 20.349651 5.734037 #it,Seiteijikan,Overshoot,Emean ny1nu5N5b20L150
12095
12096 100 1432.250000 9.569854 1.532113 #it,Seiteijikan,Overshoot,Emean ny2nu1N5b20L150
12097 100 417.750000 1.079827 1.272776 #it,Seiteijikan,Overshoot,Emean ny2nu2N5b20L150
12098 100 1333.750000 6.599854 1.209912 #it,Seiteijikan,Overshoot,Emean ny2nu3N5b20L150
12099 100 1562.750000 16.079687 1.444655 #it,Seiteijikan,Overshoot,Emean ny2nu4N5b20L150
12100 100 1488.750000 12.588251 1.230566 #it,Seiteijikan,Overshoot,Emean ny2nu5N5b20L150
12101
12102 100 1069.750000 2.839687 2.478085 #it,Seiteijikan,Overshoot,Emean ny3nu1N5b20L150
12103 100 403.250000 1.449731 1.111057 #it,Seiteijikan,Overshoot,Emean ny3nu2N5b20L150
12104 100 406.000000 1.239827 1.069098 #it,Seiteijikan,Overshoot,Emean ny3nu3N5b20L150
12105 100 444.750000 1.069994 1.044217 #it,Seiteijikan,Overshoot,Emean ny3nu4N5b20L150
12106 100 397.000000 1.659827 1.022406 #it,Seiteijikan,Overshoot,Emean ny3nu5N5b20L150
12107
12108 100 1905.000000 1.769827 1.386725 #it,Seiteijikan,Overshoot,Emean ny4nu1N5b20L150
12109 100 416.250000 0.969827 1.041582 #it,Seiteijikan,Overshoot,Emean ny4nu2N5b20L150
12110 100 410.500000 1.069827 1.028018 #it,Seiteijikan,Overshoot,Emean ny4nu3N5b20L150 4.1 1.0
12111 100 399.250000 1.629827 1.057387 #it,Seiteijikan,Overshoot,Emean ny4nu4N5b20L150
12112 100 396.250000 1.849731 1.017949 #it,Seiteijikan,Overshoot,Emean ny4nu5N5b20L150
12113
12114 100 641.500000 1.399894 2.331112 #it,Seiteijikan,Overshoot,Emean ny5nu1N5b20L150
12115 100 1013.750000 2.369687 1.250942 #it,Seiteijikan,Overshoot,Ema ny5nu2N5b20L150
12116 100 458.250000 1.109731 1.122230 #it,Seiteijikan,Overshoot,Emean ny5nu3N5b20L150
12117 100 451.000000 1.569687 1.205942 #it,Seiteijikan,Overshoot,Emean ny5nu4N5b20L150
12118 100 445.750000 1.829687 1.166533 #it,Seiteijikan,Overshoot,Emean ny5nu5N5b20L150
12119
12120 100 410.500000 1.069827 1.028018 #it,Seiteijikan,Overshoot,Emean ny4nu3N5b20L150 ->411 1.0
12121
12122
12123 100 419.250000 0.779827 0.992808 #it,Seiteijikan,Overshoot,Emean ny4nu3N5b20L140 ->411 1.0?
12124
12125 100 2055.000000 9.069974 13.910057 #it,Seiteijikan,Overshoot,Emean ny1nu1N5b0L140
12126 100 -1.000000 10.809854 7.473026 #it,Seiteijikan,Overshoot,Emean ny1nu2N5b0L140
12127 100 1938.000000 11.459858 3.691441 #it,Seiteijikan,Overshoot,Emean ny1nu3N5b0L140
12128 100 -1.000000 75.137191 22.880289 #it,Seiteijikan,Overshoot,Emean ny1nu4N5b0L140
12129 100 -1.000000 44.033772 3.867386 #it,Seiteijikan,Overshoot,Emean ny1nu5N5b0L140
12130
12131 100 410.500000 1.359827 1.315269 #it,Seiteijikan,Overshoot,Emean ny2nu2N5b0L140
12132 100 1234.500000 4.729687 1.208160 #it,Seiteijikan,Overshoot,Emean ny2nu3N5b0L140
12133 100 1140.500000 3.496887 1.216584 #it,Seiteijikan,Overshoot,Emean ny2nu4N5b0L140
12134 100 1522.500000 14.248251 1.312257 #it,Seiteijikan,Overshoot,Emean ny2nu5N5b0L140
12135
12136 100 397.000000 1.879827 2.009078 #it,Seiteijikan,Overshoot,Emean ny3nu1N5b0L140
12137 100 416.250000 1.169827 1.256668 #it,Seiteijikan,Overshoot,Emean ny3nu2N5b0L140
12138 100 416.250000 0.879827 1.105071 #it,Seiteijikan,Overshoot,Emean ny3nu3N5b0L140
12139 100 442.500000 1.639862 1.010513 #it,Seiteijikan,Overshoot,Emean ny3nu4N5b0L140
12140 100 1078.000000 2.909687 1.041122 #it,Seiteijikan,Overshoot,Emean ny3nu5N5b0L140
12141
12142 100 397.000000 1.849827 1.990214 #it,Seiteijikan,Overshoot,Emean ny4nu1N5b0L140
12143 100 450.750000 0.249827 1.303117 #it,Seiteijikan,Overshoot,Emean ny4nu2N5b0L140
12144 100 404.000000 1.369731 1.037762 #it,Seiteijikan,Overshoot,Emean ny4nu3N5b0L140***use?-->403 1.3
12145 100 450.000000 1.279827 1.108612 #it,Seiteijikan,Overshoot,Emean ny4nu4N5b0L140
12146 100 426.250000 1.229827 0.965552 #it,Seiteijikan,Overshoot,Emean ny4nu5N5b0L140
12147
12148 100 1069.750000 2.429907 2.581469 #it,Seiteijikan,Overshoot,Emean ny5nu1N5b0L140
```



```
12149 100 1152.000000 3.369854 1.317480 #it,Seiteijikan,Overshoot,Emean ny5nu2N5b0L140
12150 100 549.250000 0.169749 1.106522 #it,Seiteijikan,Overshoot,Emean ny5nu3N5b0L140
12151 100 456.750000 1.245873 #it,Seiteijikan,Overshoot,Emean ny5nu4N5b0L140
12152 100 455.250000 0.629827 1.260166 #it,Seiteijikan,Overshoot,Emean ny5nu5N5b0L140
12153
12154 100 415.000000 0.199827 1.100248 #it,Seiteijikan,Overshoot,Emean ny4nu3N5b0L145
12155 100 405.000000 1.269827 1.081202 #it,Seiteijikan,Overshoot,Emean ny4nu3N5b0L150
12156
12157 100 416.250000 0.999827 1.333372 #it,Seiteijikan,Overshoot,Emean ny2nu2N1b0L140***use?
12158 100 405.000000 1.319827 1.190123 #it,Seiteijikan,Overshoot,Emean ny3nu3N1b0L140***use?
12159 100 403.250000 1.379827 1.196414 #it,Seiteijikan,Overshoot,Emean ny4nu3N1b0L140***use?
12160
12161
12162
12163 100 408.250000 1.149827 1.176229 #it,Seiteijikan,Overshoot,Emean ny4nu3N1b0L130
12164 100 403.250000 1.49827 1.196414 #it,Seiteijikan,Overshoot,Emean ny4nu3N1b0L140***use?
12165 100 401.250000 1.497827 1.169560 #it,Seiteijikan,Overshoot,Emean ny4nu3N1b0L145
12166 100 399.000000 1.609827 1.170539 #it,Seiteijikan,Overshoot,Emean ny4nu3N1b0L150
12167 100 397.000000 1.719827 1.201416 #it,Seiteijikan,Overshoot,Emean ny4nu3N1b0L155
12168 100 405.000000 1.269827 1.081202 #it,Seiteijikan,Overshoot,Emean ny4nu3N5b0
12169
12170 100 399.250000 1.549827 1.202823 #it,Seiteijikan,Overshoot,Emean ny3nu3N1b0***use
12171 100 408.750000 1.109827 1.099089 #it,Seiteijikan,Overshoot,Emean ny3nu3N5b0
12172 100 405.000000 1.239827 1.077345 #it,Seiteijikan,Overshoot,Emean ny3nu3N5b5
12173 100 407.250000 1.149827 1.054272 #it,Seiteijikan,Overshoot,Emean ny3nu3N5b10
12174 100 402.750000 1.369827 1.061482 #it,Seiteijikan,Overshoot,Emean ny3nu3N5b15
12175 100 406.000000 1.239827 1.069098 #it,Seiteijikan,Overshoot,Emean ny3nu3N5b20***use
12176 100 406.250000 1.189827 1.066192 #it,Seiteijikan,Overshoot,Emean ny3nu3N5b25
12177 100 404.000000 1.289827 1.051224 #it,Seiteijikan,Overshoot,Emean ny3nu3N5b30
12178 100 407.250000 1.189827 1.058024 #it,Seiteijikan,Overshoot,Emean ny3nu3N5b40
12179
12180
12181 100 405.000000 1.239827 1.077345 #it,Seiteijikan,Overshoot,Emean ny3nu3N5b20??
12182 ?2100 423.000000 0.689827 1.005283 #it,Seiteijikan,Overshoot,Emean ny3nu3N1b020user:324m37.825e??
12183
12184 090403
12185 (1)主な変更点のまとめ
12186 (a)USEMALLOC→JG2N21 などの個々の設定をしくて良いようにした
12187 (b)AP_x_startの3行→より安定した制御
12188 (3)printf(fp,"dev>null\n");←fprintf(fp,"/%s\n",fntest);)
12189 →バキソンの計算が速くなった。
12190 date:time kuwa_emulate+
12191 1 51 #Use ensemble learning? yes:1 no:0
12192 1 #Do you use bagging learning? yes:1 no:0
12193 0 #Do you use boosting learning? yes:1 no:0
12194 5 #Input the number of first cell
12195 5 #Input the number of end cell
12196 5 #Input the number of the resample datasets
12197 0.7 #Input the alpha
12198 0 #Do you use the learning netfile? yes:1 no:0
12199 date
12200 ny/nu 1 2 3 4 5 1 2 3 4 5 N1
12201
12202
12203
12204 4 403
12205
12206
12207 ny/nu 1 2 3 4 5 1 2 3 4 5 N5
12208 1
12209 2
12210 3
12211 4 411
12212 5
12213
12214
12215 ny/nu 1 2 3 4 5 1 2 3 4 5 IS2NP1ITS27N5L150b20a0.7
12216 1 -1 4706 1929 -1 1303 20.9 12.0 10.4 7.0 5.9
12217 2 1362 419* -1 1357 1381 7.2 1.2 5.7 7.2 7.8
12218 3 1053 415* 404* 480x 900 2.7 1.0 1.3 1.3 2.0
12219 4 1732 445x 401+ 480* 417x
12220 5 542* 466- 487x 442+ 455* 1.9 0.6 0.3 1.8 1.2
12221
12222
12223 ny/nu 1 2 3 4 5 1 2 3 4 5 IS2NP1ITS27N1L150
12224 1 1357 1945 -1 1422 1414 7.3 8.9 74.8 9.5 9.2
12225 2 398* 418* 1057 1024 999 1.8 1.0 2.7 2.5 2.4
12226 3 412- 960* 400* 1071 980 1.4 2.2 1.6 2.9 2.3
12227 4 986 897 399* 889* 1036 2.3 2.0 1.6 2.0 2.6
12228 5 1900 447 460 454* 454* 1.4 0.6 1.1 0.9
12229
12230 ny/nu 1 2 3 4 5 IS2NP1ITS27N5L150b20a0.7
12231
```

```
12231 1 1842 4930 2018 -1 -1
12232 2 1484 423*1233 1131 1402
12233 3 -1 414 408* 405 399
12234 4 407 387 404 429* 405
12235 5 1002 463 481 470 436*
12236
12237
12238
12239 50 -1.000000 20.909368 12.863423 #it,Seiteijikan,Overshoot,Emean
12240 50 476.750000 12.019877 6.874423 #it,Seiteijikan,Overshoot,Emean
12241 50 1929.750000 10.449877 4.020274 #it,Seiteijikan,Overshoot,Emean
12242 50 -1.000000 7.069877 7.243967 #it,Seiteijikan,Overshoot,Emean
12243 50 1303.250000 5.979877 4.817649 #it,Seiteijikan,Overshoot,Emean
12244
12245 50 1362.250000 7.279877 1.435044 #it,Seiteijikan,Overshoot,Emean
12246 50 419.500000 1.288820 1.234453 #it,Seiteijikan,Overshoot,Emean
12247 50 -1.000000 5.749877 1.114662 #it,Seiteijikan,Overshoot,Emean
12248 50 1357.500000 7.298777 1.196767 #it,Seiteijikan,Overshoot,Emean
12249 50 1381.000000 7.899877 1.148921 #it,Seiteijikan,Overshoot,Emean
12250
12251 50 1053.750000 2.719599 1.787798 #it,Seiteijikan,Overshoot,Emean
12252 50 415.750000 1.009747 1.032720 #it,Seiteijikan,Overshoot,Emean
12253 50 404.000000 1.309747 1.057432 #it,Seiteijikan,Overshoot,Emean
12254 50 480.250000 1.339614 1.468173 #it,Seiteijikan,Overshoot,Emean
12255 50 900.250000 2.049599 1.036086 #it,Seiteijikan,Overshoot,Emean
12256
12257 50 1732.750000 1.579350 1.465820 #it,Seiteijikan,Overshoot,Emean
12258 50 445.000000 0.469747 1.024374 #it,Seiteijikan,Overshoot,Emean
12259 50 401.750000 1.408820 1.042143 #it,Seiteijikan,Overshoot,Emean
12260 50 400.750000 1.869599 1.035945 #it,Seiteijikan,Overshoot,Emean
38:39->12:54:27
12261 50 417.250000 1.348820 0.929449 #it,Seiteijikan,Overshoot,Emean
12262
12263 50 542.500000 1.949877 1.814654 #it,Seiteijikan,Overshoot,Emean
12264 50 466.750000 0.619599 1.377774 #it,Seiteijikan,Overshoot,Emean
12265 50 487.750000 0.339747 1.148339 #it,Seiteijikan,Overshoot,Emean
12266 50 442.000000 1.889735 1.165909 #it,Seiteijikan,Overshoot,Emean
12267 50 455.750000 1.249359 1.068600 #it,Seiteijikan,Overshoot,Emean
12268
kuwa_emulate+
12269 0 51 #1:ensemble 0:no ensemble, iteration
12270 1 # number of cells
12271 0 # 0:notusing netfile, 1:using netfile
12272
12273 ny/nu 1 2 3 4 5 1 2 3 4 5 IS2NP1ITS27N1L150
12275 1 1357 1945 -1 1422 1414 7.3 8.9 74.8 9.5 9.2
12276 2 398* 418* 1057 1024 999 1.8 1.0 2.7 2.5 2.4
12277 3 412- 960 400* 1071 980 1.4 2.2 1.6 2.9 2.3
12278 4 986 897 399* 889* 1036 2.3 2.0 1.6 2.0 2.6
12279 5 1900 447 460 454* 454* 1.4 0.6 1.1 0.9
12280 5 1357.500000 7.349877 12.651864 #it,Seiteijikan,Overshoot,Emean
12281 50 1945.500000 8.979877 6.431425 #it,Seiteijikan,Overshoot,Emean
12282 50 -1.000000 74.859427 20.974989 #it,Seiteijikan,Overshoot,Emean
12283 50 1422.500000 9.539877 6.500898 #it,Seiteijikan,Overshoot,Emean
12284 50 1414.500000 9.229877 6.639628 #it,Seiteijikan,Overshoot,Emean
12285
12286 50 398.500000 1.819350 1.544323 #it,Seiteijikan,Overshoot,Emean
12287 50 418.000000 1.009747 1.249320 #it,Seiteijikan,Overshoot,Emean
12288 50 1057.000000 2.749614 1.251837 #it,Seiteijikan,Overshoot,Emean
12289 50 1024.000000 2.539599 1.313349 #it,Seiteijikan,Overshoot,Emean
12290 50 999.500000 2.389614 1.313569 #it,Seiteijikan,Overshoot,Emean
12291
12292 50 412.750000 1.439350 1.536724 #it,Seiteijikan,Overshoot,Emean
12293 50 960.500000 2.219494 1.236088 #it,Seiteijikan,Overshoot,Emean
12294 50 399.500000 1.559414 1.150286 #it,Seiteijikan,Overshoot,Emean
12295 50 1070.750000 2.859614 1.158023 #it,Seiteijikan,Overshoot,Emean
12296 50 980.000000 2.299599 1.091229 #it,Seiteijikan,Overshoot,Emean
12297
12298 50 986.000000 2.329599 1.559096 #it,Seiteijikan,Overshoot,Emean
12299 50 897.000000 2.049350 1.222723 #it,Seiteijikan,Overshoot,Emean
12300 50 398.500000 1.609747 1.127029 #it,Seiteijikan,Overshoot,Emean
12301 50 888.750000 2.029599 1.156881 #it,Seiteijikan,Overshoot,Emean
12302 50 1036.250000 2.609599 1.119662 #it,Seiteijikan,Overshoot,Emean
12303
12304 50 1899.500000 5.389694 3.025652 #it,Seiteijikan,Overshoot,Emean
12305 50 447.000000 1.419614 1.640736 #it,Seiteijikan,Overshoot,Emean
12306 50 459.750000 0.648820 1.367998 #it,Seiteijikan,Overshoot,Emean
12307 50 453.250000 1.089494 1.321166 #it,Seiteijikan,Overshoot,Emean
12308 50 454.500000 0.929359 1.293359 #it,Seiteijikan,Overshoot,Emean
12309
kuwa_emulate+
12310 0 51 #1:ensemble 0:no ensemble, iteration
12311
```



```
12462 0.7 #Input the alpha
12463 0 #Do you use the learning netfile? yes:1 no:0
12464
12465 cp result.dat result_ny3nu3N5bag.dat
12466
12467 with IS2NP11TS27LAMDBA200
12468 20 -1.000000 23.249349 34710.209438 #it,Seiteijikan,Overshoot,Emean ny4nu4N5a0.3 real5m54.443s
12469 20 394.500000 1.899618 1.053218 #it,Seiteijikan,Overshoot,Emean ny3nu3N5a0.3 user3m57.707s
12470 50 394.000000 1.005385 #it,Seiteijikan,Overshoot,Emean ny3nu3N5a0.5 user9m17.18IsBag
12471 50 2015.250000 1.299472 7.867621 #it,Seiteijikan,Overshoot,Emean? ny2nu2N5a0.7 user=87ml5.195s
12472 50 394.500000 1.979599 1.026680 #it,Seiteijikan,Overshoot,Emean ny3nu3N5a0.7 user101m55.578s
12473
12474
12475 kuwa emulate+
12476 0 51 # 1:ensemble 0:no ensemble, iteration
12477 5 # number of cells
12478 0 # 0:notusing netfile, 1:using netfile
12479
12480 ny2nu1S2NP11TS27N5L100bag
12481 50 1267.500000 5.239735 1.783047 #it,Seiteijikan,Overshoot,Emean
12482 50 404.250000 1.049747 1.187440 #it,Seiteijikan,Overshoot,Emean
12483 50 425.000000 0.869747 1.074408 #it,Seiteijikan,Overshoot,Emean
12484 50 473.000000 0.398412 1.582819 #it,Seiteijikan,Overshoot,Emean
12485
12486 50 1764.500000 10.389877 10.186508 #it,Seiteijikan,Overshoot,Emeanny1nu1S2NP11TS27N5L100
12487 50 1337.000000 6.779877 1.649455 #it,Seiteijikan,Overshoot,Emean
12488 50 923.750000 2.069735 1.236472 #it,Seiteijikan,Overshoot,Emean
12489 50 457.000000 0.319747 1.110986 #it,Seiteijikan,Overshoot,Emean
12490 50 438.000000 0.659747 1.191566 #it,Seiteijikan,Overshoot,Emean
12491 50 473.000000 0.398412 1.582819 #it,Seiteijikan,Overshoot,Emean
12492
12493 50 1346.250000 7.059877 13.330714 #it,Seiteijikan,Overshoot,Emean
12494 50 408.000000 1.829494 1.981803 #it,Seiteijikan,Overshoot,Emean
or N1
12495 50 443.750000 0.749193 1.192718 #it,Seiteijikan,Overshoot,Emean
12496 50 435.500000 0.749747 1.198543 #it,Seiteijikan,Overshoot,Emean
12497 50 423.500000 0.989193 1.167738 #it,Seiteijikan,Overshoot,Emean
12498 50 469.750000 0.606820 1.311434 #it,Seiteijikan,Overshoot,Emean
12499
12500
12501 50 1842.000000 8.439877 11.764980 #it,Seiteijikan,Overshoot,Emean ny1nu1S2NP11TS27N5L150
12502 50 1484.250000 10.849694 2.348935 #it,Seiteijikan,Overshoot,Emean ny2nu2S2NP11TS27N5L150
12503 50 423.500000 1.159747 1.229422 #it,Seiteijikan,Overshoot,Emean ny2nu2S2NP11TS27N5L150
12504 50 408.000000 1.129747 1.077784 #it,Seiteijikan,Overshoot,Emean ny3nu3S2NP11TS27N5L150**
12505 50 429.250000 0.589747 1.131167 #it,Seiteijikan,Overshoot,Emean
12506 50 436.250000 1.689599 1.191207 #it,Seiteijikan,Overshoot,Emean ny5nu5S2NP11TS27N5L150
12507
12508 50 1764.500000 10.389877 10.186508 #it,Seiteijikan,Overshoot,Emean ny1nu1S2NP11TS27N5L150
12509 50 1357.500000 7.349877 12.651864 #it,Seiteijikan,Overshoot,Emean ny2nu2S2NP11TS27N5L150
12510 50 398.500000 1.819350 1.544323 #it,Seiteijikan,Overshoot,Emean ny2nu2S2NP11TS27N5L150
12511 50 414.250000 1.209359 7.796206 #it,Seiteijikan,Overshoot,Emean ny2nu2S2NP11TS27N5L150
12512 50 399.500000 1.559414 1.150286 #it,Seiteijikan,Overshoot,Emean ny3nu3S2NP11TS27N5L150***unstable f
or N1
12513 50 888.750000 2.029599 1.156881 #it,Seiteijikan,Overshoot,Emean ny4nu4S2NP11TS27N5L150
12514 50 454.500000 0.929359 1.293359 #it,Seiteijikan,Overshoot,Emean ny5nu5S2NP11TS27N5L150
12515
12516 50 1329.250000 6.349877 2.123813 #it,Seiteijikan,Overshoot,Emean
12517 50 403.000000 1.458820 1.154693 #it,Seiteijikan,Overshoot,Emean
12518 50 400.750000 1.519747 1.025857 #it,Seiteijikan,Overshoot,Emean
biferN5
12519 50 410.000000 1.489350 1.061861 #it,Seiteijikan,Overshoot,Emean
12520 50 437.250000 1.909735 1.201597 #it,Seiteijikan,Overshoot,Emean
12521
12522 50 1044.000000 2.659599 1.099658 #it,Seiteijikan,Overshoot,Emean
12523 50 397.000000 1.959599 1.220943 #it,Seiteijikan,Overshoot,Emean
12524 50 1095.250000 3.039735 1.462557 #it,Seiteijikan,Overshoot,Emean
12525
12526
12527 12527
12528
12529 50 400.750000 1.519747 1.025857 #it,Seiteijikan,Overshoot,Emean
12530 50 403.000000 1.458820 1.154693 #it,Seiteijikan,Overshoot,Emean
12531
12532
12533 ny3nu3IS2
12534 プログラム /home/koshiyano/prog/koshi_prog
12535 結果 /home/yuno/M2yuno_result
12536 #kuwa
12537 #kuwa090328
12538 #kuwa#define AP_IS 2 //identification steps
12539 #kuwa#define AP_TSI 40//仮想サンプリング周期*/
12540
```

```
12541 #kuwa#define AP_nu 3//L75 in kuwa_apc+.c
12542 #kuwa#define AP_ny 3/*2007/02/18/koshi*/
12543 #kwakuwa emulate+
12544 #kuwa0 51 # 1:ensemble 0:no ensemble, iteration
12545 #kuwa5 # number of cells
12546 #kuwa0 # 0:notusing netfile, 1:using netfile
12547 #kuwa##AP_k_hajime=541(ny2I63),.649(ny4IS2)
12548 #kuwa##with if (AP_k_hajime>=650){/*090331kuro*/
12549 #kuwa
12550 #kuwa
12551 #kuwa50 437.250000 1.909735 1.201597 #it,Seiteijikan,Overshoot,Emean
12552 #kuwa50 410.000000 1.489350 1.061861 #it,Seiteijikan,Overshoot,Emean
12553 #kuwa50 400.750000 1.527180 1.065410 #it,Seiteijikan,Overshoot,Emean
12554 #kuwa50 401.750000 1.488820 1.168673 #it,Seiteijikan,Overshoot,Emean
12555 #kuwa50 1980.000000 9.009877 11.315330 #it,Seiteijikan,Overshoot,Emean
12556 #kuwa
12557 #kuwa50 437.250000 1.909735 1.201597 #it,Seiteijikan,Overshoot,Emean
12558 #kuwa50 404.000000 1.418820 0.996394 #it,Seiteijikan,Overshoot,Emean
12559 #kuwa50 1029.250000 2.439599 1.123594 #it,Seiteijikan,Overshoot,Emean
12560 #kuwa50 1035.250000 6.349877 2.123813 #it,Seiteijikan,Overshoot,Emean
12561 #kuwa
12562 #kuwa50 1560.000000 2.999614 1.024098 #it,Seiteijikan,Overshoot,Emean
12563 #kuwa50 401.750000 1.488820 1.168673 #it,Seiteijikan,Overshoot,Emean
12564 #kuwa50 -1.000000 9.249877 1.484984 #it,Seiteijikan,Overshoot,Emean
12565 #kuwa
12566 #kuwa##with if (AP_k_hajime>AP_kSI*(AP_ny+AP_IS)) {/**/
12567 #kuwa50 410.000000 1.159747 1.119080 #it,Seiteijikan,Overshoot,Emean
12568 #kuwa50 400.750000 1.339747 1.082809 #it,Seiteijikan,Overshoot,Emean
12569 #kuwa50 414.250000 1.238820 1.169094 #it,Seiteijikan,Overshoot,Emean
12570 #kuwa10 1252.250000 5.059514 13.432006 #it,Seiteijikan,Overshoot,Emean
12571 #kuwa
12572 #kuwa50 393.000000 1.879359 1.025609 #it,Seiteijikan,Overshoot,Emean
12573 #kuwa10 399.250000 1.529743 1.183980 #it,Seiteijikan,Overshoot,Emean
12574 #kuwa10 437.000000 0.739562 1.184847 #it,Seiteijikan,Overshoot,Emean
12575 #kuwa10 454.000000 0.859472 1.917781 #it,Seiteijikan,Overshoot,Emean
12576 #kuwa
12577 #kuwa50 527.000000 0.549253 3.042517 #it,Seiteijikan,Overshoot,Emean
12578 #kuwa50 466.750000 0.599359 1.412450 #it,Seiteijikan,Overshoot,Emean
12579 #kuwa50 450.750000 0.349614 1.267252 #it,Seiteijikan,Overshoot,Emean
12580 #kuwa
12581 #kuwa50 499.000000 0.389599 1.142738 #it,Seiteijikan,Overshoot,Emean
12582 #kuwa50 481.500000 1.419735 1.041551 #it,Seiteijikan,Overshoot,Emean
12583 #kuwa50 495.750000 0.689359 1.370498 #it,Seiteijikan,Overshoot,Emean
12584 #kuwa50 524.500000 2.439668 2.827958 #it,Seiteijikan,Overshoot,Emean
12585 #kuwa50 1234.500000 4.759735 10.716299 #it,Seiteijikan,Overshoot,Emean
12586 #kuwa50 1039.500000 2.639599 11.360966 #it,Seiteijikan,Overshoot,Emean
12587 #kuwa
12588 #kuwa
12589 #kuwa50 400.750000 1.339747 1.082809 #it,Seiteijikan,Overshoot,Emean
12590 #kuwa50 410.000000 1.159747 1.119080 #it,Seiteijikan,Overshoot,Emean
12591 #kuwa50 499.750000 1.879599 1.035199 #it,Seiteijikan,Overshoot,Emean
12592 #kuwa50 4013.750000 5.919877 3.199870 #it,Seiteijikan,Overshoot,Emean
12593 #kuwa50 604.000000 0.169877 1.106765 #it,Seiteijikan,Overshoot,Emean
12594 #kuwa50 504.750000 0.089779 1.037956 #it,Seiteijikan,Overshoot,Emean
C_KURO/**/
12595 #kuwa50 449.250000 0.509747 1.087224 #it,Seiteijikan,Overshoot,Emean
12596 #kuwa
12597 #kuwa
12598 #kwakuwa emulate+
12599 #kuwa0 51 # 1:ensemble 0:no ensemble, iteration
12600 #kuwa5 # number of cells
12601 #kuwa0 # 0:notusing netfile, 1:using netfile
12602 #kuwa
12603 #kwakuwa emulate+
12604 #kuwa1 51 #Use ensemble learning? yes:1 no:0
12605 #kuwa1 #Do you use bagging learning? yes:1 no:0
12606 #kuwa0 #Do you use boosting learning? yes:1 no:0
12607 #kuwa3 #QP :0 GPC :1 old_GPC :2 k_GPC:3
12608 #kuwa5 #Input the number of first cell
12609 #kuwa5 #Input the number of end cell
12610 #kuwa20 #Input the number of the resample datasets
12611 #kuwa0.7 #Input the alpha
12612 #kuwa0 #Do you use the learning netfile? yes:1 no:0
12613 #kuwa
12614 #kwakuwa emulate+
12615 #kuwa0 # 1:ensemble 0:no ensemble, iteration
12616 #kuwa5 # number of cells
12617 #kuwa0 # 0:notusing netfile, 1:using netfile
12618 #kuwa
12619 #kwakuwa emulate
12620 #kuwa***** CAN2 for MSPC *****
12621
```

```
12622 #kuwaDo you use ensemble learning? yes:1 no:0
12623 #kuwa1
12624 #kuwaDo you use bagging learning? yes:1 no:0
12625 #kuwa1
12626 #kuwaDo you use boosting learning? yes:1 no:0
12627 #kuwa0
12628 #kuwaInput number of first cell
12629 #kuwa5
12630 #kuwaInput number of end cell
12631 #kuwa5
12632 #kuwaInput the number of the resample datasets
12633 #kuwa20
12634 #kuwaInput the alpha
12635 #kuwa0.7
12636 #kuwaHow many the learning netfile do you use?
12637 #kuwa0
12638
12639 MPPCへのバッチ型CAN2の導入。
12640
12641 040120
12642 (1) 使い方
12643 1. まず以下の手順でバッチ型 can2 を作る。
12644 cd ./can2b
12645 make
12646 cd ..
12647
12648 2. 次にこのディレクトリで以下の手順でemulateを作る
12649 make
12650 3. 以下の手順で実験の実行
12651 emulate
12652 4. emulate.cまたはapc.cを変更したら、2.に戻る。
12653
12654 (2) いくつかの結果
12655 1. apc.cでユニット数 AP_NC=20 を変えて実行。
12656 1-1. AP_NC=1~100位までは良い、
12657 1-2. AP_NC=200など大き過ぎるときは良くない、
12658 1-3. AP_NC=1のときすごくよい(なんだあ〜???)
12659 →外乱のときは?
12660 →初期温度は20度のときは? AP_NC=1(→OS=1.8,SeiteiJikan=526)|
12661 →外乱と初期温度が違うときは? AP_NC=5
12662
12663 -----
12664 scp mspc_can2b.tgz kuro@terasu.cnt1.kyitech.ac.jp: /home/kuro/public_html/sotu/2004/miyamotoh/
12665
```