To test the algorithms of the functions presented in the library, such as ExtendedEuclideanAlgorithm(), FractionalPart(), and Approximation(), a program was developed that randomly generates data based on processor noise (using std::random_device) and passes this data to functions, which in turn return a solution.

For function ExtendedEuclideanAlgorithm()

Test program for ExtendedEuclideanAlgorithm(); :

```cpp
struct ecuclid {

    int a;
    int b;

};

int main()
{
    std::cout << "--------------- FILLING THE STRUCTURE ---------------\n";
   std::random_device rd;
    std::mt19937 gen(rd());
    std::uniform_int_distribution<int> dist(1, 1'000'000);
    ecuclid arr[500]; int flag = 0;
    for (int i = 0; i < 500; i++) {
        flag = 0;
        while (flag == 0) {
            arr[i].a = dist(gen);
            arr[i].b = dist(gen);
            if (arr[i].a > arr[i].b) {
                        flag = 1;
                }
        }
        std::cout << "Iteration: " << i << " from 500 | A = " << arr[i].a << "
B = " << arr[i].b << "\n";

    }
    std::cout << "--------------- START TEST ---------------\n";

    for (int i = 0; i < 500; i++) {
        std::pair<int, int> res = ExtendedEuclideanAlgorithm(arr[i].a,
arr[i].b);
        int answerX = res.first;
        int answerY = res.second;
        std::cout << "Iteration: " << i << " AnswerX = " << answerX << "
AnswerY = " << answerY << "\n";


    }

}
```

Test program for FractionalPart() and Approximation()

Test program for FractionalPart() and Approximation():

```cpp
int main()
{
        std::random_device rd;
        std::mt19937 gen(rd());
        std::uniform_int_distribution<int> dist(1, 100);
        std::cout << "--------------- START TEST ---------------\n";
        for (int i = 0; i < 500; i++) {
            int m0 = 0, d1 = 1;
            int B = dist(gen);
            int A = static_cast<int>(std::sqrt(B));
            std::vector<int> vec;

            FractionalPart(m0, d1, A, B, vec);

            std::cout << "B = " << B << " | vec = ";
            std::copy(vec.begin(), vec.end(),
std::ostream_iterator<int>(std::cout, " "));
            std::cout << "\n";

            auto res = Approximation(A, vec, 0.0001);
            int ok = res.first;
            double approx = res.second.first;
            double bound = res.second.second;
            std::cout << "approximation reached(1) or not(0) = " << ok << " 
best pk/qk value = " << approx << " error bound = " << bound << "\n";


        }

}
```

TEST RESULTS

Test results for program ExtendedEuclideanAlgorithm()

```
--------------- FILLING THE STRUCTURE ---------------
Iteration: 0 from 500 | A = 744460 B = 29840
Iteration: 1 from 500 | A = 912596 B = 704519
Iteration: 2 from 500 | A = 745878 B = 650511
Iteration: 3 from 500 | A = 632236 B = 615365
Iteration: 4 from 500 | A = 467516 B = 10797
Iteration: 5 from 500 | A = 776866 B = 752163
Iteration: 6 from 500 | A = 900203 B = 634452
Iteration: 7 from 500 | A = 193645 B = 65793
Iteration: 8 from 500 | A = 840036 B = 811868
Iteration: 9 from 500 | A = 899041 B = 45220
Iteration: 10 from 500 | A = 651314 B = 183511
Iteration: 11 from 500 | A = 777350 B = 37352
Iteration: 12 from 500 | A = 821532 B = 426782
Iteration: 13 from 500 | A = 251771 B = 160672
Iteration: 14 from 500 | A = 223330 B = 210108
Iteration: 15 from 500 | A = 550035 B = 464341
Iteration: 16 from 500 | A = 579679 B = 280294
Iteration: 17 from 500 | A = 931355 B = 242733
Iteration: 18 from 500 | A = 874632 B = 148055
Iteration: 19 from 500 | A = 443219 B = 206025
Iteration: 20 from 500 | A = 747496 B = 479434
Iteration: 21 from 500 | A = 826726 B = 211278
Iteration: 22 from 500 | A = 771348 B = 531147
Iteration: 23 from 500 | A = 351619 B = 2646
Iteration: 24 from 500 | A = 942530 B = 558183
Iteration: 25 from 500 | A = 573514 B = 34512
Iteration: 26 from 500 | A = 406864 B = 108815
Iteration: 27 from 500 | A = 175839 B = 107093
Iteration: 28 from 500 | A = 341573 B = 315396
Iteration: 29 from 500 | A = 954020 B = 614857
Iteration: 30 from 500 | A = 755826 B = 444018
Iteration: 31 from 500 | A = 692979 B = 132585
Iteration: 32 from 500 | A = 934957 B = 538029
Iteration: 33 from 500 | A = 548726 B = 297654
Iteration: 34 from 500 | A = 953239 B = 325064
Iteration: 35 from 500 | A = 978599 B = 471186
Iteration: 36 from 500 | A = 922288 B = 522153
Iteration: 37 from 500 | A = 535306 B = 351680
Iteration: 38 from 500 | A = 821949 B = 333373
Iteration: 39 from 500 | A = 365495 B = 7442
Iteration: 40 from 500 | A = 644206 B = 53230
Iteration: 41 from 500 | A = 877658 B = 590157
Iteration: 42 from 500 | A = 363179 B = 193071
Iteration: 43 from 500 | A = 645553 B = 142106
```

```
Iteration: 44 from 500 | A = 812115 B = 794117
Iteration: 45 from 500 | A = 166530 B = 77686
Iteration: 46 from 500 | A = 411840 B = 55675
Iteration: 47 from 500 | A = 841255 B = 130464
Iteration: 48 from 500 | A = 752905 B = 21022
Iteration: 49 from 500 | A = 663584 B = 143328
Iteration: 50 from 500 | A = 552317 B = 64646
Iteration: 51 from 500 | A = 831341 B = 641608
Iteration: 52 from 500 | A = 496906 B = 204514
Iteration: 53 from 500 | A = 911842 B = 218611
Iteration: 54 from 500 | A = 936158 B = 611752
Iteration: 55 from 500 | A = 904108 B = 601534
Iteration: 56 from 500 | A = 651893 B = 279406
Iteration: 57 from 500 | A = 912469 B = 872424
Iteration: 58 from 500 | A = 578290 B = 169386
Iteration: 59 from 500 | A = 968111 B = 314065
Iteration: 60 from 500 | A = 814479 B = 733305
Iteration: 61 from 500 | A = 672100 B = 618383
Iteration: 62 from 500 | A = 866420 B = 27781
Iteration: 63 from 500 | A = 717811 B = 89805
Iteration: 64 from 500 | A = 677927 B = 75037
Iteration: 65 from 500 | A = 786943 B = 183086
Iteration: 66 from 500 | A = 708832 B = 335930
Iteration: 67 from 500 | A = 812129 B = 195249
Iteration: 68 from 500 | A = 720067 B = 712016
Iteration: 69 from 500 | A = 385427 B = 207020
Iteration: 70 from 500 | A = 695895 B = 256499
Iteration: 71 from 500 | A = 403506 B = 49520
Iteration: 72 from 500 | A = 799189 B = 225530
Iteration: 73 from 500 | A = 369421 B = 196115
Iteration: 74 from 500 | A = 721445 B = 263840
Iteration: 75 from 500 | A = 798642 B = 116077
Iteration: 76 from 500 | A = 547119 B = 372654
Iteration: 77 from 500 | A = 754812 B = 560573
Iteration: 78 from 500 | A = 566153 B = 31661
Iteration: 79 from 500 | A = 948134 B = 72130
Iteration: 80 from 500 | A = 953754 B = 117015
Iteration: 81 from 500 | A = 800938 B = 602476
Iteration: 82 from 500 | A = 847956 B = 657178
Iteration: 83 from 500 | A = 810549 B = 603082
Iteration: 84 from 500 | A = 315992 B = 177655
Iteration: 85 from 500 | A = 752346 B = 215724
Iteration: 86 from 500 | A = 980995 B = 901809
Iteration: 87 from 500 | A = 415326 B = 205879
Iteration: 88 from 500 | A = 650644 B = 12018
Iteration: 89 from 500 | A = 927566 B = 759082
Iteration: 90 from 500 | A = 656332 B = 393585
Iteration: 91 from 500 | A = 794883 B = 96814
Iteration: 92 from 500 | A = 828635 B = 104960
Iteration: 93 from 500 | A = 927907 B = 694325
```

```
Iteration: 94 from 500 | A = 702658 B = 376307
Iteration: 95 from 500 | A = 424859 B = 371295
Iteration: 96 from 500 | A = 479240 B = 263825
Iteration: 97 from 500 | A = 886393 B = 727916
Iteration: 98 from 500 | A = 406921 B = 285608
Iteration: 99 from 500 | A = 397255 B = 151746
Iteration: 100 from 500 | A = 722034 B = 675128
Iteration: 101 from 500 | A = 722233 B = 411214
Iteration: 102 from 500 | A = 874528 B = 125402
Iteration: 103 from 500 | A = 823698 B = 77525
Iteration: 104 from 500 | A = 845279 B = 802590
Iteration: 105 from 500 | A = 849440 B = 208677
Iteration: 106 from 500 | A = 658793 B = 268703
Iteration: 107 from 500 | A = 453935 B = 154130
Iteration: 108 from 500 | A = 421609 B = 67354
Iteration: 109 from 500 | A = 886381 B = 214253
Iteration: 110 from 500 | A = 821540 B = 277489
Iteration: 111 from 500 | A = 755544 B = 319561
Iteration: 112 from 500 | A = 318106 B = 157548
Iteration: 113 from 500 | A = 992009 B = 721931
Iteration: 114 from 500 | A = 513594 B = 392705
Iteration: 115 from 500 | A = 672215 B = 200174
Iteration: 116 from 500 | A = 764383 B = 2500
Iteration: 117 from 500 | A = 157428 B = 140478
Iteration: 118 from 500 | A = 907451 B = 531336
Iteration: 119 from 500 | A = 870876 B = 472983
Iteration: 120 from 500 | A = 445410 B = 96908
Iteration: 121 from 500 | A = 564277 B = 438838
Iteration: 122 from 500 | A = 355506 B = 165865
Iteration: 123 from 500 | A = 939261 B = 556650
Iteration: 124 from 500 | A = 455170 B = 357349
Iteration: 125 from 500 | A = 972606 B = 857916
Iteration: 126 from 500 | A = 696586 B = 374324
Iteration: 127 from 500 | A = 684111 B = 509616
Iteration: 128 from 500 | A = 877327 B = 818972
Iteration: 129 from 500 | A = 519453 B = 180491
Iteration: 130 from 500 | A = 507296 B = 15928
Iteration: 131 from 500 | A = 270242 B = 170339
Iteration: 132 from 500 | A = 785186 B = 209172
Iteration: 133 from 500 | A = 767929 B = 669095
Iteration: 134 from 500 | A = 811138 B = 805384
Iteration: 135 from 500 | A = 819488 B = 504175
Iteration: 136 from 500 | A = 503798 B = 98519
Iteration: 137 from 500 | A = 641782 B = 67218
Iteration: 138 from 500 | A = 361017 B = 191505
Iteration: 139 from 500 | A = 921068 B = 177950
Iteration: 140 from 500 | A = 843602 B = 8063
Iteration: 141 from 500 | A = 667163 B = 327382
Iteration: 142 from 500 | A = 794324 B = 486803
Iteration: 143 from 500 | A = 681087 B = 438703
```

```
Iteration: 144 from 500 | A = 849348 B = 837336
Iteration: 145 from 500 | A = 959239 B = 502253
Iteration: 146 from 500 | A = 975187 B = 801071
Iteration: 147 from 500 | A = 981887 B = 904948
Iteration: 148 from 500 | A = 776534 B = 202214
Iteration: 149 from 500 | A = 959506 B = 881703
Iteration: 150 from 500 | A = 861992 B = 375524
Iteration: 151 from 500 | A = 675929 B = 68367
Iteration: 152 from 500 | A = 459331 B = 338326
Iteration: 153 from 500 | A = 977090 B = 815096
Iteration: 154 from 500 | A = 442802 B = 224335
Iteration: 155 from 500 | A = 997714 B = 436917
Iteration: 156 from 500 | A = 193988 B = 133174
Iteration: 157 from 500 | A = 821529 B = 705473
Iteration: 158 from 500 | A = 436801 B = 145035
Iteration: 159 from 500 | A = 476375 B = 216083
Iteration: 160 from 500 | A = 690407 B = 318149
Iteration: 161 from 500 | A = 717720 B = 286253
Iteration: 162 from 500 | A = 912273 B = 874085
Iteration: 163 from 500 | A = 948358 B = 713017
Iteration: 164 from 500 | A = 949136 B = 805372
Iteration: 165 from 500 | A = 722184 B = 594541
Iteration: 166 from 500 | A = 820738 B = 107286
Iteration: 167 from 500 | A = 600591 B = 231012
Iteration: 168 from 500 | A = 930550 B = 344460
Iteration: 169 from 500 | A = 755848 B = 621180
Iteration: 170 from 500 | A = 935242 B = 763517
Iteration: 171 from 500 | A = 349727 B = 307949
Iteration: 172 from 500 | A = 976626 B = 251473
Iteration: 173 from 500 | A = 992709 B = 223054
Iteration: 174 from 500 | A = 824960 B = 225532
Iteration: 175 from 500 | A = 746485 B = 364466
Iteration: 176 from 500 | A = 375354 B = 219478
Iteration: 177 from 500 | A = 982821 B = 971076
Iteration: 178 from 500 | A = 922995 B = 236059
Iteration: 179 from 500 | A = 541626 B = 317642
Iteration: 180 from 500 | A = 373842 B = 48614
Iteration: 181 from 500 | A = 652991 B = 292333
Iteration: 182 from 500 | A = 712554 B = 21341
Iteration: 183 from 500 | A = 838220 B = 288166
Iteration: 184 from 500 | A = 649688 B = 605025
Iteration: 185 from 500 | A = 903514 B = 389119
Iteration: 186 from 500 | A = 861221 B = 727219
Iteration: 187 from 500 | A = 806329 B = 422173
Iteration: 188 from 500 | A = 437903 B = 14312
Iteration: 189 from 500 | A = 721053 B = 639805
Iteration: 190 from 500 | A = 587415 B = 117673
Iteration: 191 from 500 | A = 281007 B = 194370
Iteration: 192 from 500 | A = 437464 B = 298249
Iteration: 193 from 500 | A = 241758 B = 217023
```

Iteration: 194 from 500 | A = 707486 B = 384468
Iteration: 195 from 500 | A = 914634 B = 31292
Iteration: 196 from 500 | A = 698008 B = 46710
Iteration: 197 from 500 | A = 835317 B = 319011
Iteration: 198 from 500 | A = 623701 B = 164988
Iteration: 199 from 500 | A = 917238 B = 428303
Iteration: 200 from 500 | A = 37919 B = 32472
Iteration: 201 from 500 | A = 748976 B = 726256
Iteration: 202 from 500 | A = 418963 B = 158513
Iteration: 203 from 500 | A = 934482 B = 349254
Iteration: 204 from 500 | A = 345206 B = 315973
Iteration: 205 from 500 | A = 912369 B = 191058
Iteration: 206 from 500 | A = 989236 B = 868701
Iteration: 207 from 500 | A = 722221 B = 482480
Iteration: 208 from 500 | A = 621188 B = 12144
Iteration: 209 from 500 | A = 944223 B = 911802
Iteration: 210 from 500 | A = 756564 B = 453733
Iteration: 211 from 500 | A = 553597 B = 397229
Iteration: 212 from 500 | A = 36158 B = 26801
Iteration: 213 from 500 | A = 523843 B = 419830
Iteration: 214 from 500 | A = 975164 B = 935800
Iteration: 215 from 500 | A = 739044 B = 339597
Iteration: 216 from 500 | A = 467512 B = 448774
Iteration: 217 from 500 | A = 646549 B = 215590
Iteration: 218 from 500 | A = 752710 B = 341076
Iteration: 219 from 500 | A = 283221 B = 274579
Iteration: 220 from 500 | A = 785732 B = 374427
Iteration: 221 from 500 | A = 446088 B = 18602
Iteration: 222 from 500 | A = 917031 B = 408172
Iteration: 223 from 500 | A = 662905 B = 279848
Iteration: 224 from 500 | A = 246262 B = 59594
Iteration: 225 from 500 | A = 869356 B = 180619
Iteration: 226 from 500 | A = 496240 B = 295758
Iteration: 227 from 500 | A = 928031 B = 711540
Iteration: 228 from 500 | A = 247144 B = 18754
Iteration: 229 from 500 | A = 966245 B = 885064
Iteration: 230 from 500 | A = 544952 B = 261556
Iteration: 231 from 500 | A = 914698 B = 366885
Iteration: 232 from 500 | A = 917416 B = 376688
Iteration: 233 from 500 | A = 169778 B = 70456
Iteration: 234 from 500 | A = 968878 B = 133742
Iteration: 235 from 500 | A = 88599 B = 37857
Iteration: 236 from 500 | A = 927719 B = 278029
Iteration: 237 from 500 | A = 539353 B = 52693
Iteration: 238 from 500 | A = 586706 B = 217093
Iteration: 239 from 500 | A = 595645 B = 369158
Iteration: 240 from 500 | A = 718233 B = 288811
Iteration: 241 from 500 | A = 235135 B = 209683
Iteration: 242 from 500 | A = 58830 B = 23361
Iteration: 243 from 500 | A = 516162 B = 159709

```
Iteration: 244 from 500 | A = 700578 B = 108120
Iteration: 245 from 500 | A = 976926 B = 670973
Iteration: 246 from 500 | A = 831674 B = 822170
Iteration: 247 from 500 | A = 813479 B = 206396
Iteration: 248 from 500 | A = 413881 B = 380078
Iteration: 249 from 500 | A = 765274 B = 348544
Iteration: 250 from 500 | A = 848583 B = 388237
Iteration: 251 from 500 | A = 856612 B = 203397
Iteration: 252 from 500 | A = 164452 B = 2420
Iteration: 253 from 500 | A = 876668 B = 329668
Iteration: 254 from 500 | A = 643872 B = 22442
Iteration: 255 from 500 | A = 789427 B = 479054
Iteration: 256 from 500 | A = 859382 B = 347107
Iteration: 257 from 500 | A = 869711 B = 422472
Iteration: 258 from 500 | A = 509269 B = 64164
Iteration: 259 from 500 | A = 661988 B = 38105
Iteration: 260 from 500 | A = 639177 B = 616551
Iteration: 261 from 500 | A = 928707 B = 99676
Iteration: 262 from 500 | A = 224372 B = 55803
Iteration: 263 from 500 | A = 625834 B = 182116
Iteration: 264 from 500 | A = 774540 B = 674651
Iteration: 265 from 500 | A = 953382 B = 783131
Iteration: 266 from 500 | A = 761710 B = 660402
Iteration: 267 from 500 | A = 838456 B = 192280
Iteration: 268 from 500 | A = 979384 B = 895626
Iteration: 269 from 500 | A = 917005 B = 487396
Iteration: 270 from 500 | A = 623914 B = 584238
Iteration: 271 from 500 | A = 605174 B = 277491
Iteration: 272 from 500 | A = 971025 B = 638871
Iteration: 273 from 500 | A = 980002 B = 710417
Iteration: 274 from 500 | A = 610644 B = 354160
Iteration: 275 from 500 | A = 295645 B = 291674
Iteration: 276 from 500 | A = 150202 B = 68987
Iteration: 277 from 500 | A = 747049 B = 112110
Iteration: 278 from 500 | A = 554270 B = 470051
Iteration: 279 from 500 | A = 323120 B = 219675
Iteration: 280 from 500 | A = 302391 B = 6546
Iteration: 281 from 500 | A = 235843 B = 76866
Iteration: 282 from 500 | A = 145678 B = 140404
Iteration: 283 from 500 | A = 676086 B = 144042
Iteration: 284 from 500 | A = 950894 B = 169658
Iteration: 285 from 500 | A = 871833 B = 137728
Iteration: 286 from 500 | A = 866434 B = 93706
Iteration: 287 from 500 | A = 671851 B = 337152
Iteration: 288 from 500 | A = 535508 B = 505751
Iteration: 289 from 500 | A = 952574 B = 268767
Iteration: 290 from 500 | A = 568133 B = 170989
Iteration: 291 from 500 | A = 938086 B = 712648
Iteration: 292 from 500 | A = 726874 B = 566521
Iteration: 293 from 500 | A = 247484 B = 100317
```

```
Iteration: 294 from 500 | A = 479684 B = 212187
Iteration: 295 from 500 | A = 885668 B = 42402
Iteration: 296 from 500 | A = 589062 B = 574625
Iteration: 297 from 500 | A = 918568 B = 355026
Iteration: 298 from 500 | A = 978815 B = 892709
Iteration: 299 from 500 | A = 362275 B = 82281
Iteration: 300 from 500 | A = 806165 B = 600619
Iteration: 301 from 500 | A = 455609 B = 69885
Iteration: 302 from 500 | A = 934716 B = 295161
Iteration: 303 from 500 | A = 943891 B = 645858
Iteration: 304 from 500 | A = 480610 B = 236336
Iteration: 305 from 500 | A = 928870 B = 849055
Iteration: 306 from 500 | A = 750209 B = 378464
Iteration: 307 from 500 | A = 619359 B = 184393
Iteration: 308 from 500 | A = 897499 B = 890868
Iteration: 309 from 500 | A = 953403 B = 234833
Iteration: 310 from 500 | A = 719672 B = 506527
Iteration: 311 from 500 | A = 761422 B = 358519
Iteration: 312 from 500 | A = 802446 B = 801286
Iteration: 313 from 500 | A = 579162 B = 162027
Iteration: 314 from 500 | A = 784784 B = 460369
Iteration: 315 from 500 | A = 442778 B = 71747
Iteration: 316 from 500 | A = 874257 B = 576125
Iteration: 317 from 500 | A = 99690 B = 77234
Iteration: 318 from 500 | A = 735461 B = 473128
Iteration: 319 from 500 | A = 513929 B = 186136
Iteration: 320 from 500 | A = 877596 B = 685676
Iteration: 321 from 500 | A = 893074 B = 634413
Iteration: 322 from 500 | A = 405640 B = 339843
Iteration: 323 from 500 | A = 577710 B = 355158
Iteration: 324 from 500 | A = 576764 B = 52605
Iteration: 325 from 500 | A = 900896 B = 290955
Iteration: 326 from 500 | A = 922595 B = 352846
Iteration: 327 from 500 | A = 489045 B = 305310
Iteration: 328 from 500 | A = 388195 B = 239991
Iteration: 329 from 500 | A = 819420 B = 39320
Iteration: 330 from 500 | A = 353876 B = 278384
Iteration: 331 from 500 | A = 987323 B = 215150
Iteration: 332 from 500 | A = 961770 B = 715611
Iteration: 333 from 500 | A = 983359 B = 665953
Iteration: 334 from 500 | A = 953189 B = 275651
Iteration: 335 from 500 | A = 890691 B = 876914
Iteration: 336 from 500 | A = 493551 B = 268938
Iteration: 337 from 500 | A = 420675 B = 314884
Iteration: 338 from 500 | A = 718745 B = 612358
Iteration: 339 from 500 | A = 239053 B = 6442
Iteration: 340 from 500 | A = 606536 B = 423497
Iteration: 341 from 500 | A = 853542 B = 511201
Iteration: 342 from 500 | A = 895772 B = 119735
Iteration: 343 from 500 | A = 761460 B = 258874
```

```
Iteration: 344 from 500 | A = 926672 B = 684445
Iteration: 345 from 500 | A = 822754 B = 257987
Iteration: 346 from 500 | A = 964397 B = 832724
Iteration: 347 from 500 | A = 977429 B = 224328
Iteration: 348 from 500 | A = 566045 B = 332082
Iteration: 349 from 500 | A = 361530 B = 13249
Iteration: 350 from 500 | A = 798034 B = 433190
Iteration: 351 from 500 | A = 842394 B = 809198
Iteration: 352 from 500 | A = 667241 B = 465420
Iteration: 353 from 500 | A = 606011 B = 479400
Iteration: 354 from 500 | A = 875844 B = 367562
Iteration: 355 from 500 | A = 754673 B = 516749
Iteration: 356 from 500 | A = 567807 B = 130550
Iteration: 357 from 500 | A = 526806 B = 178333
Iteration: 358 from 500 | A = 679205 B = 105089
Iteration: 359 from 500 | A = 250521 B = 211741
Iteration: 360 from 500 | A = 423268 B = 253928
Iteration: 361 from 500 | A = 420473 B = 273898
Iteration: 362 from 500 | A = 490974 B = 192654
Iteration: 363 from 500 | A = 707250 B = 581444
Iteration: 364 from 500 | A = 380361 B = 187974
Iteration: 365 from 500 | A = 643894 B = 159446
Iteration: 366 from 500 | A = 945491 B = 178519
Iteration: 367 from 500 | A = 946430 B = 299469
Iteration: 368 from 500 | A = 430169 B = 75309
Iteration: 369 from 500 | A = 606660 B = 22010
Iteration: 370 from 500 | A = 843289 B = 215851
Iteration: 371 from 500 | A = 469224 B = 64000
Iteration: 372 from 500 | A = 490188 B = 276358
Iteration: 373 from 500 | A = 521326 B = 28252
Iteration: 374 from 500 | A = 794385 B = 733272
Iteration: 375 from 500 | A = 630747 B = 480094
Iteration: 376 from 500 | A = 831728 B = 722950
Iteration: 377 from 500 | A = 310883 B = 223882
Iteration: 378 from 500 | A = 841978 B = 614577
Iteration: 379 from 500 | A = 457750 B = 160974
Iteration: 380 from 500 | A = 379455 B = 235704
Iteration: 381 from 500 | A = 988338 B = 11251
Iteration: 382 from 500 | A = 705690 B = 10334
Iteration: 383 from 500 | A = 748234 B = 371528
Iteration: 384 from 500 | A = 582157 B = 487630
Iteration: 385 from 500 | A = 904353 B = 377353
Iteration: 386 from 500 | A = 691611 B = 500742
Iteration: 387 from 500 | A = 779376 B = 553658
Iteration: 388 from 500 | A = 853614 B = 618525
Iteration: 389 from 500 | A = 310699 B = 32346
Iteration: 390 from 500 | A = 898084 B = 351671
Iteration: 391 from 500 | A = 598309 B = 494468
Iteration: 392 from 500 | A = 92387 B = 19256
Iteration: 393 from 500 | A = 701802 B = 125014
```

```
Iteration: 394 from 500 | A = 437313 B = 423916
Iteration: 395 from 500 | A = 486226 B = 413357
Iteration: 396 from 500 | A = 370559 B = 134755
Iteration: 397 from 500 | A = 526704 B = 230622
Iteration: 398 from 500 | A = 469656 B = 252432
Iteration: 399 from 500 | A = 786367 B = 255882
Iteration: 400 from 500 | A = 579072 B = 170318
Iteration: 401 from 500 | A = 658781 B = 135772
Iteration: 402 from 500 | A = 992754 B = 786238
Iteration: 403 from 500 | A = 383508 B = 13323
Iteration: 404 from 500 | A = 988826 B = 683867
Iteration: 405 from 500 | A = 841207 B = 325652
Iteration: 406 from 500 | A = 700461 B = 652165
Iteration: 407 from 500 | A = 714957 B = 75359
Iteration: 408 from 500 | A = 671217 B = 34054
Iteration: 409 from 500 | A = 914803 B = 60765
Iteration: 410 from 500 | A = 675132 B = 77658
Iteration: 411 from 500 | A = 970281 B = 958448
Iteration: 412 from 500 | A = 417108 B = 199611
Iteration: 413 from 500 | A = 519022 B = 44982
Iteration: 414 from 500 | A = 295837 B = 142689
Iteration: 415 from 500 | A = 924251 B = 389489
Iteration: 416 from 500 | A = 995219 B = 376544
Iteration: 417 from 500 | A = 564611 B = 205805
Iteration: 418 from 500 | A = 947755 B = 809102
Iteration: 419 from 500 | A = 967376 B = 159385
Iteration: 420 from 500 | A = 694067 B = 186452
Iteration: 421 from 500 | A = 589723 B = 154636
Iteration: 422 from 500 | A = 890656 B = 379578
Iteration: 423 from 500 | A = 564434 B = 379303
Iteration: 424 from 500 | A = 722960 B = 570474
Iteration: 425 from 500 | A = 447375 B = 318707
Iteration: 426 from 500 | A = 737866 B = 346848
Iteration: 427 from 500 | A = 868113 B = 701609
Iteration: 428 from 500 | A = 561942 B = 92070
Iteration: 429 from 500 | A = 959102 B = 866438
Iteration: 430 from 500 | A = 879633 B = 807156
Iteration: 431 from 500 | A = 951778 B = 103305
Iteration: 432 from 500 | A = 373609 B = 4403
Iteration: 433 from 500 | A = 780638 B = 301691
Iteration: 434 from 500 | A = 799907 B = 675932
Iteration: 435 from 500 | A = 996585 B = 91404
Iteration: 436 from 500 | A = 832696 B = 577968
Iteration: 437 from 500 | A = 985736 B = 379529
Iteration: 438 from 500 | A = 966097 B = 36944
Iteration: 439 from 500 | A = 219403 B = 207199
Iteration: 440 from 500 | A = 696707 B = 74495
Iteration: 441 from 500 | A = 702320 B = 582341
Iteration: 442 from 500 | A = 779462 B = 613503
Iteration: 443 from 500 | A = 437251 B = 38287
```

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Iteration: 444 from 500 | A = 763072 B = 54462
Iteration: 445 from 500 | A = 839591 B = 46059
Iteration: 446 from 500 | A = 685111 B = 463669
Iteration: 447 from 500 | A = 646096 B = 353430
Iteration: 448 from 500 | A = 874482 B = 736104
Iteration: 449 from 500 | A = 626800 B = 66161
Iteration: 450 from 500 | A = 216307 B = 2723
Iteration: 451 from 500 | A = 237624 B = 45336
Iteration: 452 from 500 | A = 940597 B = 392195
Iteration: 453 from 500 | A = 525496 B = 417952
Iteration: 454 from 500 | A = 864437 B = 215057
Iteration: 455 from 500 | A = 612001 B = 342449
Iteration: 456 from 500 | A = 694900 B = 70352
Iteration: 457 from 500 | A = 44195 B = 14293
Iteration: 458 from 500 | A = 727723 B = 561671
Iteration: 459 from 500 | A = 490229 B = 226706
Iteration: 460 from 500 | A = 227185 B = 44526
Iteration: 461 from 500 | A = 706985 B = 308557
Iteration: 462 from 500 | A = 446625 B = 337380
Iteration: 463 from 500 | A = 922760 B = 403698
Iteration: 464 from 500 | A = 343786 B = 84393
Iteration: 465 from 500 | A = 919923 B = 778300
Iteration: 466 from 500 | A = 700350 B = 135438
Iteration: 467 from 500 | A = 523589 B = 124430
Iteration: 468 from 500 | A = 570352 B = 345981
Iteration: 469 from 500 | A = 790255 B = 349893
Iteration: 470 from 500 | A = 818804 B = 606380
Iteration: 471 from 500 | A = 342935 B = 258458
Iteration: 472 from 500 | A = 558144 B = 127358
Iteration: 473 from 500 | A = 710598 B = 232028
Iteration: 474 from 500 | A = 546206 B = 106333
Iteration: 475 from 500 | A = 573690 B = 449260
Iteration: 476 from 500 | A = 452493 B = 340823
Iteration: 477 from 500 | A = 823157 B = 724953
Iteration: 478 from 500 | A = 972638 B = 873478
Iteration: 479 from 500 | A = 414042 B = 50280
Iteration: 480 from 500 | A = 635111 B = 623973
Iteration: 481 from 500 | A = 729214 B = 578033
Iteration: 482 from 500 | A = 923069 B = 722602
Iteration: 483 from 500 | A = 671747 B = 359087
Iteration: 484 from 500 | A = 217758 B = 100078
Iteration: 485 from 500 | A = 976452 B = 347938
Iteration: 486 from 500 | A = 815323 B = 97484
Iteration: 487 from 500 | A = 485702 B = 437714
Iteration: 488 from 500 | A = 364333 B = 156530
Iteration: 489 from 500 | A = 927601 B = 681003
Iteration: 490 from 500 | A = 495535 B = 28857
Iteration: 491 from 500 | A = 542107 B = 201093
Iteration: 492 from 500 | A = 305198 B = 237027
Iteration: 493 from 500 | A = 682927 B = 329294
```

Iteration: 494 from 500 | A = 781550 B = 745219
Iteration: 495 from 500 | A = 375401 B = 15847
Iteration: 496 from 500 | A = 957480 B = 651570
Iteration: 497 from 500 | A = 336516 B = 94726
Iteration: 498 from 500 | A = 881217 B = 106004
Iteration: 499 from 500 | A = 304994 B = 9062
--------------- START TEST ---------------
Iteration: 0 AnswerX = -3867 AnswerY = 155
Iteration: 1 AnswerX = 80691 AnswerY = -62293
Iteration: 2 AnswerX = 86971 AnswerY = -75851
Iteration: 3 AnswerX = -123779 AnswerY = 120476
Iteration: 4 AnswerX = -433 AnswerY = 10
Iteration: 5 AnswerX = 176519 AnswerY = -170906
Iteration: 6 AnswerX = -401362 AnswerY = 282875
Iteration: 7 AnswerX = -47763 AnswerY = 16228
Iteration: 8 AnswerX = -81922 AnswerY = 79175
Iteration: 9 AnswerX = 310529 AnswerY = -15619
Iteration: 10 AnswerX = -188167 AnswerY = 53017
Iteration: 11 AnswerX = -26493 AnswerY = 1273
Iteration: 12 AnswerX = -116105 AnswerY = 60316
Iteration: 13 AnswerX = -83218 AnswerY = 53107
Iteration: 14 AnswerX = -17786 AnswerY = 16733
Iteration: 15 AnswerX = 155131 AnswerY = -130962
Iteration: 16 AnswerX = -131385 AnswerY = 63529
Iteration: 17 AnswerX = -94178 AnswerY = 24545
Iteration: 18 AnswerX = -3001 AnswerY = 508
Iteration: 19 AnswerX = -182384 AnswerY = 84779
Iteration: 20 AnswerX = 14913 AnswerY = -9565
Iteration: 21 AnswerX = 51350 AnswerY = -13123
Iteration: 22 AnswerX = 83557 AnswerY = -57537
Iteration: 23 AnswerX = -109366 AnswerY = 823
Iteration: 24 AnswerX = 360847 AnswerY = -213700
Iteration: 25 AnswerX = 119964 AnswerY = -7219
Iteration: 26 AnswerX = 195967 AnswerY = -52411
Iteration: 27 AnswerX = 35597 AnswerY = -21680
Iteration: 28 AnswerX = -62568 AnswerY = 57773
Iteration: 29 AnswerX = -224447 AnswerY = 144654
Iteration: 30 AnswerX = -39029 AnswerY = 22928
Iteration: 31 AnswerX = -72609 AnswerY = 13892
Iteration: 32 AnswerX = -195889 AnswerY = 112726
Iteration: 33 AnswerX = 60607 AnswerY = -32876
Iteration: 34 AnswerX = -177986 AnswerY = 60695
Iteration: 35 AnswerX = -449739 AnswerY = 216545
Iteration: 36 AnswerX = -432391 AnswerY = 244798
Iteration: 37 AnswerX = 61499 AnswerY = -40403
Iteration: 38 AnswerX = 354268 AnswerY = -143687
Iteration: 39 AnswerX = -20087 AnswerY = 409
Iteration: 40 AnswerX = 79609 AnswerY = -6578
Iteration: 41 AnswerX = -282669 AnswerY = 190073
Iteration: 42 AnswerX = 93092 AnswerY = -49489

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Iteration: 43 AnswerX = -289787 AnswerY = 63791
Iteration: 44 AnswerX = -356152 AnswerY = 348259
Iteration: 45 AnswerX = -2776 AnswerY = 1295
Iteration: 46 AnswerX = 29759 AnswerY = -4023
Iteration: 47 AnswerX = -9021 AnswerY = 1399
Iteration: 48 AnswerX = -9491 AnswerY = 265
Iteration: 49 AnswerX = 4315 AnswerY = -932
Iteration: 50 AnswerX = 248699 AnswerY = -29109
Iteration: 51 AnswerX = -385010 AnswerY = 297141
Iteration: 52 AnswerX = -61029 AnswerY = 25118
Iteration: 53 AnswerX = -101649 AnswerY = 24370
Iteration: 54 AnswerX = 91115 AnswerY = -59541
Iteration: 55 AnswerX = -185875 AnswerY = 123669
Iteration: 56 AnswerX = 243960 AnswerY = -104563
Iteration: 57 AnswerX = 21624 AnswerY = -20675
Iteration: 58 AnswerX = 40132 AnswerY = -11755
Iteration: 59 AnswerX = 175161 AnswerY = -56824
Iteration: 60 AnswerX = 893 AnswerY = -804
Iteration: 61 AnswerX = -253553 AnswerY = 233288
Iteration: 62 AnswerX = -499 AnswerY = 16
Iteration: 63 AnswerX = -35377 AnswerY = 4426
Iteration: 64 AnswerX = -143478 AnswerY = 15881
Iteration: 65 AnswerX = -111010 AnswerY = 25827
Iteration: 66 AnswerX = 174869 AnswerY = -82874
Iteration: 67 AnswerX = 302230 AnswerY = -72661
Iteration: 68 AnswerX = -237369 AnswerY = 234715
Iteration: 69 AnswerX = -137182 AnswerY = 73683
Iteration: 70 AnswerX = 58724 AnswerY = -21645
Iteration: 71 AnswerX = 41581 AnswerY = -5103
Iteration: 72 AnswerX = -103576 AnswerY = 29229
Iteration: 73 AnswerX = -29623 AnswerY = 15726
Iteration: 74 AnswerX = -25553 AnswerY = 9345
Iteration: 75 AnswerX = 24769 AnswerY = -3600
Iteration: 76 AnswerX = -10816 AnswerY = 7367
Iteration: 77 AnswerX = -24031 AnswerY = 17847
Iteration: 78 AnswerX = -39608 AnswerY = 2215
Iteration: 79 AnswerX = -184198 AnswerY = 14013
Iteration: 80 AnswerX = -8167 AnswerY = 1002
Iteration: 81 AnswerX = 55241 AnswerY = -41553
Iteration: 82 AnswerX = 82343 AnswerY = -63817
Iteration: 83 AnswerX = -46781 AnswerY = 34807
Iteration: 84 AnswerX = 62631 AnswerY = -35212
Iteration: 85 AnswerX = 7697 AnswerY = -2207
Iteration: 86 AnswerX = -226251 AnswerY = 207988
Iteration: 87 AnswerX = 84625 AnswerY = -41949
Iteration: 88 AnswerX = 82887 AnswerY = -1531
Iteration: 89 AnswerX = -60025 AnswerY = 49122
Iteration: 90 AnswerX = -175267 AnswerY = 105103
Iteration: 91 AnswerX = 65281 AnswerY = -7951
Iteration: 92 AnswerX = -25508 AnswerY = 3231
```

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Iteration: 93 AnswerX = 428765 AnswerY = -320832
Iteration: 94 AnswerX = 83057 AnswerY = -44481
Iteration: 95 AnswerX = -95602 AnswerY = 83549
Iteration: 96 AnswerX = -17651 AnswerY = 9717
Iteration: 97 AnswerX = -317990 AnswerY = 261137
Iteration: 98 AnswerX = 66905 AnswerY = -46959
Iteration: 99 AnswerX = -129824 AnswerY = 49591
Iteration: 100 AnswerX = 18595 AnswerY = -17387
Iteration: 101 AnswerX = 5053 AnswerY = -2877
Iteration: 102 AnswerX = -21291 AnswerY = 3053
Iteration: 103 AnswerX = 301355 AnswerY = -28363
Iteration: 104 AnswerX = -22969 AnswerY = 21809
Iteration: 105 AnswerX = 403213 AnswerY = -99055
Iteration: 106 AnswerX = 129477 AnswerY = -52810
Iteration: 107 AnswerX = 15677 AnswerY = -5323
Iteration: 108 AnswerX = -125048 AnswerY = 19977
Iteration: 109 AnswerX = -159385 AnswerY = 38526
Iteration: 110 AnswerX = 60749 AnswerY = -20519
Iteration: 111 AnswerX = -295223 AnswerY = 124866
Iteration: 112 AnswerX = -38680 AnswerY = 19157
Iteration: 113 AnswerX = -440637 AnswerY = 320672
Iteration: 114 AnswerX = -48781 AnswerY = 37299
Iteration: 115 AnswerX = 267984 AnswerY = -79801
Iteration: 116 AnswerX = -167247 AnswerY = 547
Iteration: 117 AnswerX = 7681 AnswerY = -6854
Iteration: 118 AnswerX = 81262 AnswerY = -47581
Iteration: 119 AnswerX = 121301 AnswerY = -65880
Iteration: 120 AnswerX = -1457 AnswerY = 317
Iteration: 121 AnswerX = 173405 AnswerY = -134857
Iteration: 122 AnswerX = -121637 AnswerY = 56751
Iteration: 123 AnswerX = 10254 AnswerY = -6077
Iteration: 124 AnswerX = 169889 AnswerY = -133378
Iteration: 125 AnswerX = -63721 AnswerY = 56207
Iteration: 126 AnswerX = 144811 AnswerY = -77817
Iteration: 127 AnswerX = 83362 AnswerY = -62099
Iteration: 128 AnswerX = -11832 AnswerY = 11045
Iteration: 129 AnswerX = 212051 AnswerY = -73680
Iteration: 130 AnswerX = -2325 AnswerY = 73
Iteration: 131 AnswerX = 90903 AnswerY = -57298
Iteration: 132 AnswerX = 146664 AnswerY = -39071
Iteration: 133 AnswerX = 298791 AnswerY = -260336
Iteration: 134 AnswerX = 59912 AnswerY = -59487
Iteration: 135 AnswerX = -8049 AnswerY = 4952
Iteration: 136 AnswerX = -227233 AnswerY = 44436
Iteration: 137 AnswerX = -79848 AnswerY = 8363
Iteration: 138 AnswerX = 40693 AnswerY = -21586
Iteration: 139 AnswerX = -49115 AnswerY = 9489
Iteration: 140 AnswerX = -287827 AnswerY = 2751
Iteration: 141 AnswerX = -234333 AnswerY = 114989
Iteration: 142 AnswerX = -285529 AnswerY = 174987
```

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Iteration: 143 AnswerX = 71842 AnswerY = -46275
Iteration: 144 AnswerX = -1697 AnswerY = 1673
Iteration: 145 AnswerX = -329155 AnswerY = 172344
Iteration: 146 AnswerX = -303770 AnswerY = 249533
Iteration: 147 AnswerX = -432041 AnswerY = 398187
Iteration: 148 AnswerX = -160895 AnswerY = 41898
Iteration: 149 AnswerX = -119317 AnswerY = 109642
Iteration: 150 AnswerX = -87447 AnswerY = 38096
Iteration: 151 AnswerX = -28553 AnswerY = 2888
Iteration: 152 AnswerX = -111256 AnswerY = 81947
Iteration: 153 AnswerX = 236362 AnswerY = -197175
Iteration: 154 AnswerX = -205177 AnswerY = 103948
Iteration: 155 AnswerX = -132301 AnswerY = 57937
Iteration: 156 AnswerX = -12769 AnswerY = 8766
Iteration: 157 AnswerX = 204101 AnswerY = -175268
Iteration: 158 AnswerX = -40435 AnswerY = 13426
Iteration: 159 AnswerX = -41378 AnswerY = 18769
Iteration: 160 AnswerX = 81087 AnswerY = -37366
Iteration: 161 AnswerX = 285197 AnswerY = -113747
Iteration: 162 AnswerX = 172598 AnswerY = -165373
Iteration: 163 AnswerX = 207055 AnswerY = -155673
Iteration: 164 AnswerX = 95043 AnswerY = -80647
Iteration: 165 AnswerX = -296867 AnswerY = 244397
Iteration: 166 AnswerX = -153 AnswerY = 20
Iteration: 167 AnswerX = -38844 AnswerY = 14941
Iteration: 168 AnswerX = -40849 AnswerY = 15121
Iteration: 169 AnswerX = -37633 AnswerY = 30928
Iteration: 170 AnswerX = -432545 AnswerY = 353123
Iteration: 171 AnswerX = -130547 AnswerY = 114952
Iteration: 172 AnswerX = -264863 AnswerY = 68200
Iteration: 173 AnswerX = -418577 AnswerY = 94051
Iteration: 174 AnswerX = 81087 AnswerY = -22168
Iteration: 175 AnswerX = 179466 AnswerY = -87623
Iteration: 176 AnswerX = -5878 AnswerY = 3437
Iteration: 177 AnswerX = 65103 AnswerY = -64325
Iteration: 178 AnswerX = 98509 AnswerY = -25194
Iteration: 179 AnswerX = -1226 AnswerY = 719
Iteration: 180 AnswerX = -55022 AnswerY = 7155
Iteration: 181 AnswerX = 154319 AnswerY = -69086
Iteration: 182 AnswerX = -23005 AnswerY = 689
Iteration: 183 AnswerX = -151293 AnswerY = 52012
Iteration: 184 AnswerX = 323513 AnswerY = -301273
Iteration: 185 AnswerX = 214339 AnswerY = -92310
Iteration: 186 AnswerX = 284655 AnswerY = -240364
Iteration: 187 AnswerX = -18813 AnswerY = 9850
Iteration: 188 AnswerX = 190221 AnswerY = -6217
Iteration: 189 AnswerX = -207695 AnswerY = 184292
Iteration: 190 AnswerX = -115628 AnswerY = 23163
Iteration: 191 AnswerX = -1372 AnswerY = 949
Iteration: 192 AnswerX = -84407 AnswerY = 57546
```

```
Iteration: 193 AnswerX = 8171 AnswerY = -7335
Iteration: 194 AnswerX = 26607 AnswerY = -14459
Iteration: 195 AnswerX = 131209 AnswerY = -4489
Iteration: 196 AnswerX = 100659 AnswerY = -6736
Iteration: 197 AnswerX = -7405 AnswerY = 2828
Iteration: 198 AnswerX = -258575 AnswerY = 68401
Iteration: 199 AnswerX = 400331 AnswerY = -186934
Iteration: 200 AnswerX = -17515 AnswerY = 14999
Iteration: 201 AnswerX = -956 AnswerY = 927
Iteration: 202 AnswerX = -102023 AnswerY = 38600
Iteration: 203 AnswerX = 68890 AnswerY = -25747
Iteration: 204 AnswerX = -113813 AnswerY = 104175
Iteration: 205 AnswerX = -100354 AnswerY = 21015
Iteration: 206 AnswerX = -275215 AnswerY = 241681
Iteration: 207 AnswerX = -335575 AnswerY = 224181
Iteration: 208 AnswerX = -23581 AnswerY = 461
Iteration: 209 AnswerX = -3058 AnswerY = 2953
Iteration: 210 AnswerX = -33887 AnswerY = 20323
Iteration: 211 AnswerX = 66293 AnswerY = -47568
Iteration: 212 AnswerX = 6349 AnswerY = -4706
Iteration: 213 AnswerX = -259703 AnswerY = 208137
Iteration: 214 AnswerX = -68423 AnswerY = 65661
Iteration: 215 AnswerX = -25351 AnswerY = 11649
Iteration: 216 AnswerX = -63797 AnswerY = 61240
Iteration: 217 AnswerX = 286705 AnswerY = -95601
Iteration: 218 AnswerX = -10988 AnswerY = 4979
Iteration: 219 AnswerX = 14125 AnswerY = -13694
Iteration: 220 AnswerX = -43273 AnswerY = 20621
Iteration: 221 AnswerX = -75587 AnswerY = 3152
Iteration: 222 AnswerX = 100258 AnswerY = -44625
Iteration: 223 AnswerX = -261253 AnswerY = 110289
Iteration: 224 AnswerX = 15083 AnswerY = -3650
Iteration: 225 AnswerX = -257001 AnswerY = 53395
Iteration: 226 AnswerX = 40079 AnswerY = -23887
Iteration: 227 AnswerX = -45559 AnswerY = 34931
Iteration: 228 AnswerX = 16565 AnswerY = -1257
Iteration: 229 AnswerX = -317531 AnswerY = 290853
Iteration: 230 AnswerX = 55119 AnswerY = -26455
Iteration: 231 AnswerX = -134049 AnswerY = 53767
Iteration: 232 AnswerX = 9569 AnswerY = -3929
Iteration: 233 AnswerX = -19521 AnswerY = 8101
Iteration: 234 AnswerX = -213050 AnswerY = 29409
Iteration: 235 AnswerX = -8327 AnswerY = 3558
Iteration: 236 AnswerX = -13267 AnswerY = 3976
Iteration: 237 AnswerX = -245863 AnswerY = 24020
Iteration: 238 AnswerX = 3489 AnswerY = -1291
Iteration: 239 AnswerX = 259582 AnswerY = -160879
Iteration: 240 AnswerX = -334841 AnswerY = 134644
Iteration: 241 AnswerX = 87977 AnswerY = -78454
Iteration: 242 AnswerX = 2133 AnswerY = -847
```

```
Iteration: 243 AnswerX = -138131 AnswerY = 42740
Iteration: 244 AnswerX = -20521 AnswerY = 3167
Iteration: 245 AnswerX = 321011 AnswerY = -220477
Iteration: 246 AnswerX = 129249 AnswerY = -127772
Iteration: 247 AnswerX = 113168 AnswerY = -28713
Iteration: 248 AnswerX = -193111 AnswerY = 177339
Iteration: 249 AnswerX = -74276 AnswerY = 33829
Iteration: 250 AnswerX = 326140 AnswerY = -149213
Iteration: 251 AnswerX = -14395 AnswerY = 3418
Iteration: 252 AnswerX = -7611 AnswerY = 112
Iteration: 253 AnswerX = 18035 AnswerY = -6782
Iteration: 254 AnswerX = -46163 AnswerY = 1609
Iteration: 255 AnswerX = 117 AnswerY = -71
Iteration: 256 AnswerX = 1691 AnswerY = -683
Iteration: 257 AnswerX = 36415 AnswerY = -17689
Iteration: 258 AnswerX = -205068 AnswerY = 25837
Iteration: 259 AnswerX = -79515 AnswerY = 4577
Iteration: 260 AnswerX = -63929 AnswerY = 61666
Iteration: 261 AnswerX = -170981 AnswerY = 18351
Iteration: 262 AnswerX = 105803 AnswerY = -26314
Iteration: 263 AnswerX = -12574 AnswerY = 3659
Iteration: 264 AnswerX = 254471 AnswerY = -221653
Iteration: 265 AnswerX = -250465 AnswerY = 205738
Iteration: 266 AnswerX = -9421 AnswerY = 8168
Iteration: 267 AnswerX = -3785 AnswerY = 868
Iteration: 268 AnswerX = -18931 AnswerY = 17312
Iteration: 269 AnswerX = -46654 AnswerY = 24797
Iteration: 270 AnswerX = -78862 AnswerY = 73847
Iteration: 271 AnswerX = -265897 AnswerY = 121922
Iteration: 272 AnswerX = -61307 AnswerY = 40336
Iteration: 273 AnswerX = -161593 AnswerY = 117141
Iteration: 274 AnswerX = 46069 AnswerY = -26719
Iteration: 275 AnswerX = -36481 AnswerY = 35991
Iteration: 276 AnswerX = 51873 AnswerY = -23825
Iteration: 277 AnswerX = -335569 AnswerY = 50359
Iteration: 278 AnswerX = -267319 AnswerY = 226701
Iteration: 279 AnswerX = -10817 AnswerY = 7354
Iteration: 280 AnswerX = -19448 AnswerY = 421
Iteration: 281 AnswerX = 42762 AnswerY = -13937
Iteration: 282 AnswerX = 10082 AnswerY = -9717
Iteration: 283 AnswerX = 46289 AnswerY = -9862
Iteration: 284 AnswerX = -45124 AnswerY = 8051
Iteration: 285 AnswerX = 170704 AnswerY = -26967
Iteration: 286 AnswerX = -14378 AnswerY = 1555
Iteration: 287 AnswerX = 287584 AnswerY = -144317
Iteration: 288 AnswerX = 204219 AnswerY = -192871
Iteration: 289 AnswerX = 319995 AnswerY = -90286
Iteration: 290 AnswerX = -153130 AnswerY = 46087
Iteration: 291 AnswerX = 72937 AnswerY = -55409
Iteration: 292 AnswerX = -166677 AnswerY = 129907
```

Iteration: 293 AnswerX = -6059 AnswerY = 2456
Iteration: 294 AnswerX = -180365 AnswerY = 79784
Iteration: 295 AnswerX = 199433 AnswerY = -9548
Iteration: 296 AnswerX = -279985 AnswerY = 273123
Iteration: 297 AnswerX = -31969 AnswerY = 12356
Iteration: 298 AnswerX = 308004 AnswerY = -280909
Iteration: 299 AnswerX = 10021 AnswerY = -2276
Iteration: 300 AnswerX = -38801 AnswerY = 28908
Iteration: 301 AnswerX = 67678 AnswerY = -10381
Iteration: 302 AnswerX = 59159 AnswerY = -18681
Iteration: 303 AnswerX = 187728 AnswerY = -128453
Iteration: 304 AnswerX = 1332 AnswerY = -655
Iteration: 305 AnswerX = -34925 AnswerY = 31924
Iteration: 306 AnswerX = -245864 AnswerY = 124033
Iteration: 307 AnswerX = 296830 AnswerY = -88371
Iteration: 308 AnswerX = -242410 AnswerY = 240619
Iteration: 309 AnswerX = 354638 AnswerY = -87351
Iteration: 310 AnswerX = 154111 AnswerY = -108468
Iteration: 311 AnswerX = -221115 AnswerY = 104113
Iteration: 312 AnswerX = 87854 AnswerY = -87727
Iteration: 313 AnswerX = 22269 AnswerY = -6230
Iteration: 314 AnswerX = -837 AnswerY = 491
Iteration: 315 AnswerX = 68959 AnswerY = -11174
Iteration: 316 AnswerX = 352976 AnswerY = -232607
Iteration: 317 AnswerX = -19067 AnswerY = 14772
Iteration: 318 AnswerX = -210358 AnswerY = 135325
Iteration: 319 AnswerX = 222515 AnswerY = -80591
Iteration: 320 AnswerX = -13174 AnswerY = 10293
Iteration: 321 AnswerX = -2189 AnswerY = 1555
Iteration: 322 AnswerX = 55627 AnswerY = -46604
Iteration: 323 AnswerX = -1124 AnswerY = 691
Iteration: 324 AnswerX = 127797 AnswerY = -11656
Iteration: 325 AnswerX = -324221 AnswerY = 104711
Iteration: 326 AnswerX = 298191 AnswerY = -114043
Iteration: 327 AnswerX = 13540 AnswerY = -8453
Iteration: 328 AnswerX = -66104 AnswerY = 40867
Iteration: 329 AnswerX = 3772 AnswerY = -181
Iteration: 330 AnswerX = -21352 AnswerY = 16797
Iteration: 331 AnswerX = 442898 AnswerY = -96513
Iteration: 332 AnswerX = 59853 AnswerY = -44534
Iteration: 333 AnswerX = 262568 AnswerY = -177817
Iteration: 334 AnswerX = -256525 AnswerY = 74184
Iteration: 335 AnswerX = -61612 AnswerY = 60659
Iteration: 336 AnswerX = -26924 AnswerY = 14671
Iteration: 337 AnswerX = 173239 AnswerY = -129673
Iteration: 338 AnswerX = -304423 AnswerY = 259363
Iteration: 339 AnswerX = -98152 AnswerY = 2645
Iteration: 340 AnswerX = -109415 AnswerY = 76396
Iteration: 341 AnswerX = -408023 AnswerY = 244372
Iteration: 342 AnswerX = -307653 AnswerY = 41123

Iteration: 343 AnswerX = -8839 AnswerY = 3005
Iteration: 344 AnswerX = 187173 AnswerY = -138247
Iteration: 345 AnswerX = 314327 AnswerY = -98562
Iteration: 346 AnswerX = -93105 AnswerY = 80393
Iteration: 347 AnswerX = -488684 AnswerY = 112157
Iteration: 348 AnswerX = 76583 AnswerY = -44929
Iteration: 349 AnswerX = -158021 AnswerY = 5791
Iteration: 350 AnswerX = -23236 AnswerY = 12613
Iteration: 351 AnswerX = -164312 AnswerY = 157837
Iteration: 352 AnswerX = 114087 AnswerY = -79579
Iteration: 353 AnswerX = 154864 AnswerY = -122509
Iteration: 354 AnswerX = -33479 AnswerY = 14050
Iteration: 355 AnswerX = -167537 AnswerY = 114718
Iteration: 356 AnswerX = -189601 AnswerY = 43593
Iteration: 357 AnswerX = 216175 AnswerY = -73179
Iteration: 358 AnswerX = -39716 AnswerY = 6145
Iteration: 359 AnswerX = -97928 AnswerY = 82769
Iteration: 360 AnswerX = 23228 AnswerY = -13935
Iteration: 361 AnswerX = 59559 AnswerY = -38797
Iteration: 362 AnswerX = 920 AnswerY = -361
Iteration: 363 AnswerX = -51692 AnswerY = 42497
Iteration: 364 AnswerX = 7671 AnswerY = -3791
Iteration: 365 AnswerX = 82410 AnswerY = -20407
Iteration: 366 AnswerX = 307281 AnswerY = -58018
Iteration: 367 AnswerX = 275969 AnswerY = -87322
Iteration: 368 AnswerX = 158618 AnswerY = -27769
Iteration: 369 AnswerX = -16207 AnswerY = 588
Iteration: 370 AnswerX = -349683 AnswerY = 89506
Iteration: 371 AnswerX = -24319 AnswerY = 3317
Iteration: 372 AnswerX = 56609 AnswerY = -31915
Iteration: 373 AnswerX = -14633 AnswerY = 793
Iteration: 374 AnswerX = -122941 AnswerY = 113483
Iteration: 375 AnswerX = 166189 AnswerY = -126495
Iteration: 376 AnswerX = -146637 AnswerY = 127459
Iteration: 377 AnswerX = 122901 AnswerY = -88507
Iteration: 378 AnswerX = -116599 AnswerY = 85108
Iteration: 379 AnswerX = -65702 AnswerY = 23105
Iteration: 380 AnswerX = -36958 AnswerY = 22957
Iteration: 381 AnswerX = -282947 AnswerY = 3221
Iteration: 382 AnswerX = 146683 AnswerY = -2148
Iteration: 383 AnswerX = -57512 AnswerY = 28557
Iteration: 384 AnswerX = 18907 AnswerY = -15837
Iteration: 385 AnswerX = -308858 AnswerY = 128875
Iteration: 386 AnswerX = 29901 AnswerY = -21649
Iteration: 387 AnswerX = 81733 AnswerY = -58062
Iteration: 388 AnswerX = 22073 AnswerY = -15994
Iteration: 389 AnswerX = 26271 AnswerY = -2735
Iteration: 390 AnswerX = -257861 AnswerY = 100973
Iteration: 391 AnswerX = -200170 AnswerY = 165429
Iteration: 392 AnswerX = 29617 AnswerY = -6173

Iteration: 393 AnswerX = 39740 AnswerY = -7079
Iteration: 394 AnswerX = 65122 AnswerY = -63127
Iteration: 395 AnswerX = 204155 AnswerY = -173559
Iteration: 396 AnswerX = 10741 AnswerY = -3906
Iteration: 397 AnswerX = -40931 AnswerY = 17922
Iteration: 398 AnswerX = -2908 AnswerY = 1563
Iteration: 399 AnswerX = 111018 AnswerY = -36125
Iteration: 400 AnswerX = -138473 AnswerY = 40728
Iteration: 401 AnswerX = -109682 AnswerY = 22605
Iteration: 402 AnswerX = 207395 AnswerY = -164252
Iteration: 403 AnswerX = -6707 AnswerY = 233
Iteration: 404 AnswerX = -148707 AnswerY = 102845
Iteration: 405 AnswerX = 128261 AnswerY = -49653
Iteration: 406 AnswerX = 184441 AnswerY = -171724
Iteration: 407 AnswerX = 131969 AnswerY = -13910
Iteration: 408 AnswerX = 10072 AnswerY = -511
Iteration: 409 AnswerX = -354871 AnswerY = 23572
Iteration: 410 AnswerX = 29741 AnswerY = -3421
Iteration: 411 AnswerX = -116437 AnswerY = 115017
Iteration: 412 AnswerX = 25769 AnswerY = -12332
Iteration: 413 AnswerX = 150 AnswerY = -13
Iteration: 414 AnswerX = -128642 AnswerY = 62047
Iteration: 415 AnswerX = -81054 AnswerY = 34157
Iteration: 416 AnswerX = 39257 AnswerY = -14853
Iteration: 417 AnswerX = 187195 AnswerY = -68234
Iteration: 418 AnswerX = 265393 AnswerY = -226567
Iteration: 419 AnswerX = -156567 AnswerY = 25796
Iteration: 420 AnswerX = -70009 AnswerY = 18807
Iteration: 421 AnswerX = 272098 AnswerY = -71349
Iteration: 422 AnswerX = -955 AnswerY = 407
Iteration: 423 AnswerX = -251907 AnswerY = 169283
Iteration: 424 AnswerX = -30827 AnswerY = 24325
Iteration: 425 AnswerX = 182468 AnswerY = -129989
Iteration: 426 AnswerX = -116368 AnswerY = 54701
Iteration: 427 AnswerX = -63853 AnswerY = 51606
Iteration: 428 AnswerX = 7849 AnswerY = -1286
Iteration: 429 AnswerX = 205754 AnswerY = -185875
Iteration: 430 AnswerX = 3107 AnswerY = -2851
Iteration: 431 AnswerX = -227955 AnswerY = 24742
Iteration: 432 AnswerX = 6364 AnswerY = -75
Iteration: 433 AnswerX = -73939 AnswerY = 28575
Iteration: 434 AnswerX = -5665 AnswerY = 4787
Iteration: 435 AnswerX = 9562 AnswerY = -877
Iteration: 436 AnswerX = -21938 AnswerY = 15227
Iteration: 437 AnswerX = 59937 AnswerY = -23077
Iteration: 438 AnswerX = 131353 AnswerY = -5023
Iteration: 439 AnswerX = 101953 AnswerY = -96282
Iteration: 440 AnswerX = 124920 AnswerY = -13357
Iteration: 441 AnswerX = -258979 AnswerY = 214737
Iteration: 442 AnswerX = -327051 AnswerY = 257417

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Iteration: 443 AnswerX = -83163 AnswerY = 7282
Iteration: 444 AnswerX = 97279 AnswerY = -6943
Iteration: 445 AnswerX = 253815 AnswerY = -13924
Iteration: 446 AnswerX = -276978 AnswerY = 187453
Iteration: 447 AnswerX = 3881 AnswerY = -2123
Iteration: 448 AnswerX = 35522 AnswerY = -29901
Iteration: 449 AnswerX = -287759 AnswerY = 30374
Iteration: 450 AnswerX = 10724 AnswerY = -135
Iteration: 451 AnswerX = -152 AnswerY = 29
Iteration: 452 AnswerX = 334746 AnswerY = -139577
Iteration: 453 AnswerX = 23171 AnswerY = -18429
Iteration: 454 AnswerX = -158552 AnswerY = 39445
Iteration: 455 AnswerX = 70404 AnswerY = -39395
Iteration: 456 AnswerX = -80373 AnswerY = 8137
Iteration: 457 AnswerX = 16422 AnswerY = -5311
Iteration: 458 AnswerX = 16579 AnswerY = -12796
Iteration: 459 AnswerX = -50425 AnswerY = 23319
Iteration: 460 AnswerX = -6434 AnswerY = 1261
Iteration: 461 AnswerX = 235583 AnswerY = -102818
Iteration: 462 AnswerX = 13753 AnswerY = -10389
Iteration: 463 AnswerX = -6071 AnswerY = 2656
Iteration: 464 AnswerX = -142903 AnswerY = 35080
Iteration: 465 AnswerX = 378835 AnswerY = -320513
Iteration: 466 AnswerX = 6562 AnswerY = -1269
Iteration: 467 AnswerX = 190580 AnswerY = -45291
Iteration: 468 AnswerX = 150357 AnswerY = -91208
Iteration: 469 AnswerX = 59617 AnswerY = -26396
Iteration: 470 AnswerX = -4930 AnswerY = 3651
Iteration: 471 AnswerX = 82067 AnswerY = -61851
Iteration: 472 AnswerX = 124927 AnswerY = -28506
Iteration: 473 AnswerX = -141395 AnswerY = 46169
Iteration: 474 AnswerX = -140937 AnswerY = 27437
Iteration: 475 AnswerX = -2711 AnswerY = 2123
Iteration: 476 AnswerX = 211262 AnswerY = -159125
Iteration: 477 AnswerX = 189880 AnswerY = -167227
Iteration: 478 AnswerX = 107102 AnswerY = -96183
Iteration: 479 AnswerX = 23856 AnswerY = -2897
Iteration: 480 AnswerX = 33700 AnswerY = -33109
Iteration: 481 AnswerX = 132259 AnswerY = -104839
Iteration: 482 AnswerX = 98041 AnswerY = -76749
Iteration: 483 AnswerX = 86032 AnswerY = -45989
Iteration: 484 AnswerX = -22429 AnswerY = 10308
Iteration: 485 AnswerX = 154523 AnswerY = -55061
Iteration: 486 AnswerX = 130448 AnswerY = -15597
Iteration: 487 AnswerX = 72580 AnswerY = -65409
Iteration: 488 AnswerX = -60207 AnswerY = 25867
Iteration: 489 AnswerX = -202573 AnswerY = 148720
Iteration: 490 AnswerX = -208452 AnswerY = 12139
Iteration: 491 AnswerX = -225423 AnswerY = 83620
Iteration: 492 AnswerX = -50397 AnswerY = 39140
```

Iteration: 493 AnswerX = -24271 AnswerY = 11703
Iteration: 494 AnswerX = -169471 AnswerY = 161593
Iteration: 495 AnswerX = 13029 AnswerY = -550
Iteration: 496 AnswerX = 5227 AnswerY = -3557
Iteration: 497 AnswerX = -13393 AnswerY = 3770
Iteration: 498 AnswerX = 383423 AnswerY = -46123
Iteration: 499 AnswerX = -35945 AnswerY = 1068

TEST RESULTS

Test results for programs FractionalPart() and Approximation()

```
---------------- START TEST ----------------
B = 74 | vec = 1 1 1 1 16
Approximation reached(1) or not(0) = 1 best pk/qk value = 8.60234 error bound =
3.41986e-05
B = 16 | vec = 0
Approximation reached(1) or not(0) = 1 best pk/qk value = 4 error bound = 0
B = 30 | vec = 2 10
Approximation reached(1) or not(0) = 1 best pk/qk value = 5.47727 error bound =
5.16529e-05
B = 76 | vec = 1 2 1 1 5 4 5 1 1 2 1 16
Approximation reached(1) or not(0) = 1 best pk/qk value = 8.71779 error bound =
7.52757e-06
B = 58 | vec = 1 1 1 1 1 1 14
Approximation reached(1) or not(0) = 1 best pk/qk value = 7.61579 error bound =
2.77008e-05
B = 31 | vec = 1 1 3 5 3 1 1 10
Approximation reached(1) or not(0) = 1 best pk/qk value = 5.5678 error bound = 7.18184e-
05
B = 6 | vec = 2 4
Approximation reached(1) or not(0) = 1 best pk/qk value = 2.44944 error bound =
6.31233e-05
B = 66 | vec = 8 16
Approximation reached(1) or not(0) = 1 best pk/qk value = 8.12403 error bound =
7.51157e-06
B = 14 | vec = 1 2 1 6
Approximation reached(1) or not(0) = 1 best pk/qk value = 3.74167 error bound =
1.15741e-05
B = 8 | vec = 1 4
Approximation reached(1) or not(0) = 1 best pk/qk value = 2.8284 error bound = 3.50128e-
05
B = 80 | vec = 1 16
Approximation reached(1) or not(0) = 1 best pk/qk value = 8.94426 error bound =
1.07498e-05
B = 31 | vec = 1 1 3 5 3 1 1 10
Approximation reached(1) or not(0) = 1 best pk/qk value = 5.5678 error bound = 7.18184e-
05
B = 91 | vec = 1 1 5 1 5 1 1 18
Approximation reached(1) or not(0) = 1 best pk/qk value = 9.53939 error bound =
2.04061e-06
B = 15 | vec = 1 6
Approximation reached(1) or not(0) = 1 best pk/qk value = 3.87302 error bound =
4.19921e-05
B = 92 | vec = 1 1 2 4 2 1 1 18
Approximation reached(1) or not(0) = 1 best pk/qk value = 9.59167 error bound =
3.85802e-06
```

B = 50 | vec = 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.07107 error bound = 1.84052e-06

B = 15 | vec = 1 6

Approximation reached(1) or not(0) = 1 best pk/qk value = 3.87302 error bound = 4.19921e-05

B = 42 | vec = 2 12

Approximation reached(1) or not(0) = 1 best pk/qk value = 6.48077 error bound = 3.08185e-05

B = 89 | vec = 2 3 3 2 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.43396 error bound = 1.97777e-05

B = 47 | vec = 1 5 1 12

Approximation reached(1) or not(0) = 1 best pk/qk value = 6.85567 error bound = 2.12562e-05

B = 42 | vec = 2 12

Approximation reached(1) or not(0) = 1 best pk/qk value = 6.48077 error bound = 3.08185e-05

B = 63 | vec = 1 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.93724 error bound = 1.75067e-05

B = 75 | vec = 1 1 1 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.66019 error bound = 9.42596e-05

B = 83 | vec = 9 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.11043 error bound = 4.18198e-06

B = 7 | vec = 1 1 1 4

Approximation reached(1) or not(0) = 1 best pk/qk value = 2.64574 error bound = 2.0109e-05

B = 32 | vec = 1 1 1 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.65686 error bound = 9.61169e-06

B = 55 | vec = 2 2 2 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.41618 error bound = 1.67062e-05

B = 21 | vec = 1 1 2 1 1 8

Approximation reached(1) or not(0) = 1 best pk/qk value = 4.58252 error bound = 9.42596e-05

B = 22 | vec = 1 2 4 2 1 8

Approximation reached(1) or not(0) = 1 best pk/qk value = 4.69048 error bound = 7.08617e-05

B = 24 | vec = 1 8

Approximation reached(1) or not(0) = 1 best pk/qk value = 4.89899 error bound = 1.27538e-05

B = 19 | vec = 2 1 3 1 2 8

Approximation reached(1) or not(0) = 1 best pk/qk value = 4.35897 error bound = 8.21828e-05

B = 49 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 7 error bound = 0

B = 3 | vec = 1 2
Approximation reached(1) or not(0) = 1 best pk/qk value = 1.73203 error bound = 4.27186e-05
B = 22 | vec = 1 2 4 2 1 8
Approximation reached(1) or not(0) = 1 best pk/qk value = 4.69048 error bound = 7.08617e-05
B = 19 | vec = 2 1 3 1 2 8
Approximation reached(1) or not(0) = 1 best pk/qk value = 4.35897 error bound = 8.21828e-05
B = 65 | vec = 16
Approximation reached(1) or not(0) = 1 best pk/qk value = 8.06226 error bound = 9.46267e-07
B = 100 | vec = 0
Approximation reached(1) or not(0) = 1 best pk/qk value = 10 error bound = 0
B = 26 | vec = 10
Approximation reached(1) or not(0) = 1 best pk/qk value = 5.09901 error bound = 9.80296e-06
B = 7 | vec = 1 1 1 4
Approximation reached(1) or not(0) = 1 best pk/qk value = 2.64574 error bound = 2.0109e-05
B = 96 | vec = 1 3 1 18
Approximation reached(1) or not(0) = 1 best pk/qk value = 9.79798 error bound = 3.40101e-05
B = 22 | vec = 1 2 4 2 1 8
Approximation reached(1) or not(0) = 1 best pk/qk value = 4.69048 error bound = 7.08617e-05
B = 30 | vec = 2 10
Approximation reached(1) or not(0) = 1 best pk/qk value = 5.47727 error bound = 5.16529e-05
B = 55 | vec = 2 2 2 14
Approximation reached(1) or not(0) = 1 best pk/qk value = 7.41618 error bound = 1.67062e-05
B = 78 | vec = 1 4 1 16
Approximation reached(1) or not(0) = 1 best pk/qk value = 8.83168 error bound = 9.80296e-05
B = 72 | vec = 2 16
Approximation reached(1) or not(0) = 1 best pk/qk value = 8.48529 error bound = 1.35164e-05
B = 59 | vec = 1 2 7 2 1 14
Approximation reached(1) or not(0) = 1 best pk/qk value = 7.68116 error bound = 1.50029e-05
B = 35 | vec = 1 10
Approximation reached(1) or not(0) = 1 best pk/qk value = 5.91603 error bound = 5.82717e-05
B = 3 | vec = 1 2
Approximation reached(1) or not(0) = 1 best pk/qk value = 1.73203 error bound = 4.27186e-05
B = 18 | vec = 4 8
Approximation reached(1) or not(0) = 1 best pk/qk value = 4.24265 error bound = 6.75822e-06

B = 49 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 7 error bound = 0

B = 54 | vec = 2 1 6 1 2 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.34848 error bound = 1.63977e-05

B = 41 | vec = 2 2 12

Approximation reached(1) or not(0) = 1 best pk/qk value = 6.4031 error bound = 3.00463e-05

B = 20 | vec = 2 8

Approximation reached(1) or not(0) = 1 best pk/qk value = 4.47222 error bound = 9.64506e-05

B = 30 | vec = 2 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.47727 error bound = 5.16529e-05

B = 62 | vec = 1 6 1 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.87395 error bound = 7.06165e-05

B = 9 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 3 error bound = 0

B = 49 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 7 error bound = 0

B = 13 | vec = 1 1 1 6

Approximation reached(1) or not(0) = 1 best pk/qk value = 3.6055 error bound = 8.4168e-05

B = 48 | vec = 1 12

Approximation reached(1) or not(0) = 1 best pk/qk value = 6.92818 error bound = 3.05241e-05

B = 65 | vec = 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.06226 error bound = 9.46267e-07

B = 13 | vec = 1 1 1 6

Approximation reached(1) or not(0) = 1 best pk/qk value = 3.6055 error bound = 8.4168e-05

B = 21 | vec = 1 1 2 1 1 8

Approximation reached(1) or not(0) = 1 best pk/qk value = 4.58252 error bound = 9.42596e-05

B = 14 | vec = 1 2 1 6

Approximation reached(1) or not(0) = 1 best pk/qk value = 3.74167 error bound = 1.15741e-05

B = 84 | vec = 6 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.16514 error bound = 1.4028e-05

B = 78 | vec = 1 4 1 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.83168 error bound = 9.80296e-05

B = 57 | vec = 1 1 4 1 1 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.54983 error bound = 1.1809e-05

B = 12 | vec = 2 6

Approximation reached(1) or not(0) = 1 best pk/qk value = 3.46409 error bound = 1.5262e-05

B = 5 | vec = 4

Approximation reached(1) or not(0) = 1 best pk/qk value = 2.23611 error bound = 4.82253e-05

B = 9 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 3 error bound = 0

B = 57 | vec = 1 1 4 1 1 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.54983 error bound = 1.1809e-05

B = 22 | vec = 1 2 4 2 1 8

Approximation reached(1) or not(0) = 1 best pk/qk value = 4.69048 error bound = 7.08617e-05

B = 16 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 4 error bound = 0

B = 88 | vec = 2 1 1 1 2 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.38083 error bound = 3.35579e-06

B = 36 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 6 error bound = 0

B = 23 | vec = 1 3 1 8

Approximation reached(1) or not(0) = 1 best pk/qk value = 4.79581 error bound = 2.74115e-05

B = 37 | vec = 12

Approximation reached(1) or not(0) = 1 best pk/qk value = 6.08276 error bound = 3.96354e-06

B = 13 | vec = 1 1 1 1 6

Approximation reached(1) or not(0) = 1 best pk/qk value = 3.6055 error bound = 8.4168e-05

B = 21 | vec = 1 1 2 1 1 8

Approximation reached(1) or not(0) = 1 best pk/qk value = 4.58252 error bound = 9.42596e-05

B = 58 | vec = 1 1 1 1 1 1 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.61579 error bound = 2.77008e-05

B = 53 | vec = 3 1 1 3 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.28011 error bound = 2.61543e-06

B = 20 | vec = 2 8

Approximation reached(1) or not(0) = 1 best pk/qk value = 4.47222 error bound = 9.64506e-05

B = 90 | vec = 2 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.48684 error bound = 9.61834e-06

B = 44 | vec = 1 1 1 2 1 1 1 12

Approximation reached(1) or not(0) = 1 best pk/qk value = 6.63333 error bound = 9.25926e-05

B = 43 | vec = 1 1 3 1 5 1 3 1 1 12

Approximation reached(1) or not(0) = 1 best pk/qk value = 6.55738 error bound = 8.95817e-05

B = 31 | vec = 1 1 3 5 3 1 1 10
Approximation reached(1) or not(0) = 1 best pk/qk value = 5.5678 error bound = 7.18184e-05
B = 33 | vec = 1 2 1 10
Approximation reached(1) or not(0) = 1 best pk/qk value = 5.74453 error bound = 5.32793e-05
B = 65 | vec = 16
Approximation reached(1) or not(0) = 1 best pk/qk value = 8.06226 error bound = 9.46267e-07
B = 16 | vec = 0
Approximation reached(1) or not(0) = 1 best pk/qk value = 4 error bound = 0
B = 99 | vec = 1 18
Approximation reached(1) or not(0) = 1 best pk/qk value = 9.94987 error bound = 6.9618e-06
B = 4 | vec = 0
Approximation reached(1) or not(0) = 1 best pk/qk value = 2 error bound = 0
B = 50 | vec = 14
Approximation reached(1) or not(0) = 1 best pk/qk value = 7.07107 error bound = 1.84052e-06
B = 50 | vec = 14
Approximation reached(1) or not(0) = 1 best pk/qk value = 7.07107 error bound = 1.84052e-06
B = 68 | vec = 4 16
Approximation reached(1) or not(0) = 1 best pk/qk value = 8.24615 error bound = 5.91716e-05
B = 12 | vec = 2 6
Approximation reached(1) or not(0) = 1 best pk/qk value = 3.46409 error bound = 1.5262e-05
B = 35 | vec = 1 10
Approximation reached(1) or not(0) = 1 best pk/qk value = 5.91603 error bound = 5.82717e-05
B = 27 | vec = 5 10
Approximation reached(1) or not(0) = 1 best pk/qk value = 5.19608 error bound = 7.68935e-05
B = 97 | vec = 1 5 1 1 1 1 1 5 1 18
Approximation reached(1) or not(0) = 1 best pk/qk value = 9.84884 error bound = 2.70416e-05
B = 40 | vec = 3 12
Approximation reached(1) or not(0) = 1 best pk/qk value = 6.32456 error bound = 6.41223e-06
B = 35 | vec = 1 10
Approximation reached(1) or not(0) = 1 best pk/qk value = 5.91603 error bound = 5.82717e-05
B = 92 | vec = 1 1 2 4 2 1 1 18
Approximation reached(1) or not(0) = 1 best pk/qk value = 9.59167 error bound = 3.85802e-06
B = 99 | vec = 1 18
Approximation reached(1) or not(0) = 1 best pk/qk value = 9.94987 error bound = 6.9618e-06
B = 24 | vec = 1 8

Approximation reached(1) or not(0) = 1 best pk/qk value = 4.89899 error bound = 1.27538e-05

B = 51 | vec = 7 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.14141 error bound = 1.45758e-05

B = 35 | vec = 1 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.91603 error bound = 5.82717e-05

B = 69 | vec = 3 3 1 4 1 3 3 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.30667 error bound = 5.92593e-05

B = 24 | vec = 1 8

Approximation reached(1) or not(0) = 1 best pk/qk value = 4.89899 error bound = 1.27538e-05

B = 13 | vec = 1 1 1 1 6

Approximation reached(1) or not(0) = 1 best pk/qk value = 3.6055 error bound = 8.4168e-05

B = 28 | vec = 3 2 3 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.2915 error bound = 5.46367e-06

B = 48 | vec = 1 12

Approximation reached(1) or not(0) = 1 best pk/qk value = 6.92818 error bound = 3.05241e-05

B = 55 | vec = 2 2 2 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.41618 error bound = 1.67062e-05

B = 71 | vec = 2 2 1 7 1 2 2 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.42614 error bound = 1.61415e-05

B = 18 | vec = 4 8

Approximation reached(1) or not(0) = 1 best pk/qk value = 4.24265 error bound = 6.75822e-06

B = 96 | vec = 1 3 1 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.79798 error bound = 3.40101e-05

B = 52 | vec = 4 1 2 1 4 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.21111 error bound = 8.81834e-06

B = 78 | vec = 1 4 1 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.83168 error bound = 9.80296e-05

B = 5 | vec = 4

Approximation reached(1) or not(0) = 1 best pk/qk value = 2.23611 error bound = 4.82253e-05

B = 55 | vec = 2 2 2 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.41618 error bound = 1.67062e-05

B = 60 | vec = 1 2 1 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.74595 error bound = 2.92184e-05

B = 18 | vec = 4 8
Approximation reached(1) or not(0) = 1 best pk/qk value = 4.24265 error bound = 6.75822e-06
B = 81 | vec = 0
Approximation reached(1) or not(0) = 1 best pk/qk value = 9 error bound = 0
B = 83 | vec = 9 18
Approximation reached(1) or not(0) = 1 best pk/qk value = 9.11043 error bound = 4.18198e-06
B = 64 | vec = 0
Approximation reached(1) or not(0) = 1 best pk/qk value = 8 error bound = 0
B = 15 | vec = 1 6
Approximation reached(1) or not(0) = 1 best pk/qk value = 3.87302 error bound = 4.19921e-05
B = 70 | vec = 2 1 2 1 2 16
Approximation reached(1) or not(0) = 1 best pk/qk value = 8.36667 error bound = 6.94444e-05
B = 1 | vec = 0
Approximation reached(1) or not(0) = 1 best pk/qk value = 1 error bound = 0
B = 70 | vec = 2 1 2 1 2 16
Approximation reached(1) or not(0) = 1 best pk/qk value = 8.36667 error bound = 6.94444e-05
B = 99 | vec = 1 18
Approximation reached(1) or not(0) = 1 best pk/qk value = 9.94987 error bound = 6.9618e-06
B = 87 | vec = 3 18
Approximation reached(1) or not(0) = 1 best pk/qk value = 9.32738 error bound = 1.96838e-06
B = 6 | vec = 2 4
Approximation reached(1) or not(0) = 1 best pk/qk value = 2.44944 error bound = 6.31233e-05
B = 63 | vec = 1 14
Approximation reached(1) or not(0) = 1 best pk/qk value = 7.93724 error bound = 1.75067e-05
B = 41 | vec = 2 2 12
Approximation reached(1) or not(0) = 1 best pk/qk value = 6.4031 error bound = 3.00463e-05
B = 27 | vec = 5 10
Approximation reached(1) or not(0) = 1 best pk/qk value = 5.19608 error bound = 7.68935e-05
B = 92 | vec = 1 1 2 4 2 1 1 18
Approximation reached(1) or not(0) = 1 best pk/qk value = 9.59167 error bound = 3.85802e-06
B = 62 | vec = 1 6 1 14
Approximation reached(1) or not(0) = 1 best pk/qk value = 7.87395 error bound = 7.06165e-05
B = 56 | vec = 2 14
Approximation reached(1) or not(0) = 1 best pk/qk value = 7.48333 error bound = 1.98413e-05
B = 95 | vec = 1 2 1 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.74684 error bound = 8.01154e-05

B = 49 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 7 error bound = 0

B = 72 | vec = 2 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.48529 error bound = 1.35164e-05

B = 33 | vec = 1 2 1 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.74453 error bound = 5.32793e-05

B = 53 | vec = 3 1 1 3 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.28011 error bound = 2.61543e-06

B = 29 | vec = 2 1 1 2 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.38519 error bound = 2.74348e-05

B = 23 | vec = 1 3 1 8

Approximation reached(1) or not(0) = 1 best pk/qk value = 4.79581 error bound = 2.74115e-05

B = 25 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 5 error bound = 0

B = 34 | vec = 1 4 1 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.83099 error bound = 4.95933e-05

B = 2 | vec = 2

Approximation reached(1) or not(0) = 0 best pk/qk value = 1.41379 error bound = 0.00059453

B = 18 | vec = 4 8

Approximation reached(1) or not(0) = 1 best pk/qk value = 4.24265 error bound = 6.75822e-06

B = 65 | vec = 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.06226 error bound = 9.46267e-07

B = 4 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 2 error bound = 0

B = 44 | vec = 1 1 1 2 1 1 1 12

Approximation reached(1) or not(0) = 1 best pk/qk value = 6.63333 error bound = 9.25926e-05

B = 50 | vec = 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.07107 error bound = 1.84052e-06

B = 35 | vec = 1 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.91603 error bound = 5.82717e-05

B = 68 | vec = 4 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.24615 error bound = 5.91716e-05

B = 18 | vec = 4 8

Approximation reached(1) or not(0) = 1 best pk/qk value = 4.24265 error bound = 6.75822e-06

B = 17 | vec = 8
Approximation reached(1) or not(0) = 1 best pk/qk value = 4.12308 error bound = 2.95858e-05
B = 6 | vec = 2 4
Approximation reached(1) or not(0) = 1 best pk/qk value = 2.44944 error bound = 6.31233e-05
B = 23 | vec = 1 3 1 8
Approximation reached(1) or not(0) = 1 best pk/qk value = 4.79581 error bound = 2.74115e-05
B = 3 | vec = 1 2
Approximation reached(1) or not(0) = 1 best pk/qk value = 1.73203 error bound = 4.27186e-05
B = 16 | vec = 0
Approximation reached(1) or not(0) = 1 best pk/qk value = 4 error bound = 0
B = 52 | vec = 4 1 2 1 4 14
Approximation reached(1) or not(0) = 1 best pk/qk value = 7.21111 error bound = 8.81834e-06
B = 100 | vec = 0
Approximation reached(1) or not(0) = 1 best pk/qk value = 10 error bound = 0
B = 35 | vec = 1 10
Approximation reached(1) or not(0) = 1 best pk/qk value = 5.91603 error bound = 5.82717e-05
B = 94 | vec = 1 2 3 1 1 5 1 8 1 5 1 1 3 2 1 18
Approximation reached(1) or not(0) = 1 best pk/qk value = 9.69531 error bound = 6.10352e-05
B = 53 | vec = 3 1 1 3 14
Approximation reached(1) or not(0) = 1 best pk/qk value = 7.28011 error bound = 2.61543e-06
B = 63 | vec = 1 14
Approximation reached(1) or not(0) = 1 best pk/qk value = 7.93724 error bound = 1.75067e-05
B = 48 | vec = 1 12
Approximation reached(1) or not(0) = 1 best pk/qk value = 6.92818 error bound = 3.05241e-05
B = 100 | vec = 0
Approximation reached(1) or not(0) = 1 best pk/qk value = 10 error bound = 0
B = 66 | vec = 8 16
Approximation reached(1) or not(0) = 1 best pk/qk value = 8.12403 error bound = 7.51157e-06
B = 73 | vec = 1 1 5 5 1 1 16
Approximation reached(1) or not(0) = 1 best pk/qk value = 8.544 error bound = 4e-06
B = 24 | vec = 1 8
Approximation reached(1) or not(0) = 1 best pk/qk value = 4.89899 error bound = 1.27538e-05
B = 36 | vec = 0
Approximation reached(1) or not(0) = 1 best pk/qk value = 6 error bound = 0
B = 72 | vec = 2 16
Approximation reached(1) or not(0) = 1 best pk/qk value = 8.48529 error bound = 1.35164e-05
B = 27 | vec = 5 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.19608 error bound = 7.68935e-05

B = 11 | vec = 3 6

Approximation reached(1) or not(0) = 1 best pk/qk value = 3.31667 error bound = 4.62963e-05

B = 2 | vec = 2

Approximation reached(1) or not(0) = 0 best pk/qk value = 1.41379 error bound = 0.00059453

B = 66 | vec = 8 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.12403 error bound = 7.51157e-06

B = 59 | vec = 1 2 7 2 1 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.68116 error bound = 1.50029e-05

B = 65 | vec = 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.06226 error bound = 9.46267e-07

B = 100 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 10 error bound = 0

B = 53 | vec = 3 1 1 3 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.28011 error bound = 2.61543e-06

B = 24 | vec = 1 8

Approximation reached(1) or not(0) = 1 best pk/qk value = 4.89899 error bound = 1.27538e-05

B = 14 | vec = 1 2 1 6

Approximation reached(1) or not(0) = 1 best pk/qk value = 3.74167 error bound = 1.15741e-05

B = 95 | vec = 1 2 1 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.74684 error bound = 8.01154e-05

B = 95 | vec = 1 2 1 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.74684 error bound = 8.01154e-05

B = 33 | vec = 1 2 1 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.74453 error bound = 5.32793e-05

B = 48 | vec = 1 12

Approximation reached(1) or not(0) = 1 best pk/qk value = 6.92818 error bound = 3.05241e-05

B = 64 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 8 error bound = 0

B = 12 | vec = 2 6

Approximation reached(1) or not(0) = 1 best pk/qk value = 3.46409 error bound = 1.5262e-05

B = 81 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 9 error bound = 0

B = 54 | vec = 2 1 6 1 2 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.34848 error bound = 1.63977e-05

B = 15 | vec = 1 6
Approximation reached(1) or not(0) = 1 best pk/qk value = 3.87302 error bound = 4.19921e-05
B = 31 | vec = 1 1 3 5 3 1 1 10
Approximation reached(1) or not(0) = 1 best pk/qk value = 5.5678 error bound = 7.18184e-05
B = 94 | vec = 1 2 3 1 1 5 1 8 1 5 1 1 3 2 1 18
Approximation reached(1) or not(0) = 1 best pk/qk value = 9.69531 error bound = 6.10352e-05
B = 54 | vec = 2 1 6 1 2 14
Approximation reached(1) or not(0) = 1 best pk/qk value = 7.34848 error bound = 1.63977e-05
B = 44 | vec = 1 1 1 2 1 1 1 12
Approximation reached(1) or not(0) = 1 best pk/qk value = 6.63333 error bound = 9.25926e-05
B = 9 | vec = 0
Approximation reached(1) or not(0) = 1 best pk/qk value = 3 error bound = 0
B = 86 | vec = 3 1 1 1 8 1 1 1 3 18
Approximation reached(1) or not(0) = 1 best pk/qk value = 9.27358 error bound = 8.89996e-05
B = 67 | vec = 5 2 1 1 7 1 1 2 5 16
Approximation reached(1) or not(0) = 1 best pk/qk value = 8.18537 error bound = 2.37954e-05
B = 55 | vec = 2 2 2 14
Approximation reached(1) or not(0) = 1 best pk/qk value = 7.41618 error bound = 1.67062e-05
B = 22 | vec = 1 2 4 2 1 8
Approximation reached(1) or not(0) = 1 best pk/qk value = 4.69048 error bound = 7.08617e-05
B = 2 | vec = 2
Approximation reached(1) or not(0) = 0 best pk/qk value = 1.41379 error bound = 0.00059453
B = 54 | vec = 2 1 6 1 2 14
Approximation reached(1) or not(0) = 1 best pk/qk value = 7.34848 error bound = 1.63977e-05
B = 30 | vec = 2 10
Approximation reached(1) or not(0) = 1 best pk/qk value = 5.47727 error bound = 5.16529e-05
B = 98 | vec = 1 8 1 18
Approximation reached(1) or not(0) = 1 best pk/qk value = 9.89947 error bound = 2.79947e-05
B = 67 | vec = 5 2 1 1 7 1 1 2 5 16
Approximation reached(1) or not(0) = 1 best pk/qk value = 8.18537 error bound = 2.37954e-05
B = 31 | vec = 1 1 3 5 3 1 1 10
Approximation reached(1) or not(0) = 1 best pk/qk value = 5.5678 error bound = 7.18184e-05
B = 25 | vec = 0
Approximation reached(1) or not(0) = 1 best pk/qk value = 5 error bound = 0
B = 87 | vec = 3 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.32738 error bound = 1.96838e-06
B = 79 | vec = 1 7 1 16
Approximation reached(1) or not(0) = 1 best pk/qk value = 8.88816 error bound = 4.32825e-05
B = 34 | vec = 1 4 1 10
Approximation reached(1) or not(0) = 1 best pk/qk value = 5.83099 error bound = 4.95933e-05
B = 64 | vec = 0
Approximation reached(1) or not(0) = 1 best pk/qk value = 8 error bound = 0
B = 8 | vec = 1 4
Approximation reached(1) or not(0) = 1 best pk/qk value = 2.8284 error bound = 3.50128e-05
B = 10 | vec = 6
Approximation reached(1) or not(0) = 1 best pk/qk value = 3.16228 error bound = 3.20611e-06
B = 32 | vec = 1 1 1 10
Approximation reached(1) or not(0) = 1 best pk/qk value = 5.65686 error bound = 9.61169e-06
B = 84 | vec = 6 18
Approximation reached(1) or not(0) = 1 best pk/qk value = 9.16514 error bound = 1.4028e-05
B = 20 | vec = 2 8
Approximation reached(1) or not(0) = 1 best pk/qk value = 4.47222 error bound = 9.64506e-05
B = 79 | vec = 1 7 1 16
Approximation reached(1) or not(0) = 1 best pk/qk value = 8.88816 error bound = 4.32825e-05
B = 100 | vec = 0
Approximation reached(1) or not(0) = 1 best pk/qk value = 10 error bound = 0
B = 2 | vec = 2
Approximation reached(1) or not(0) = 0 best pk/qk value = 1.41379 error bound = 0.00059453
B = 100 | vec = 0
Approximation reached(1) or not(0) = 1 best pk/qk value = 10 error bound = 0
B = 29 | vec = 2 1 1 2 10
Approximation reached(1) or not(0) = 1 best pk/qk value = 5.38519 error bound = 2.74348e-05
B = 46 | vec = 1 3 1 1 2 6 2 1 1 3 1 12
Approximation reached(1) or not(0) = 1 best pk/qk value = 6.78231 error bound = 2.31385e-05
B = 30 | vec = 2 10
Approximation reached(1) or not(0) = 1 best pk/qk value = 5.47727 error bound = 5.16529e-05
B = 5 | vec = 4
Approximation reached(1) or not(0) = 1 best pk/qk value = 2.23611 error bound = 4.82253e-05
B = 27 | vec = 5 10
Approximation reached(1) or not(0) = 1 best pk/qk value = 5.19608 error bound = 7.68935e-05

B = 3 | vec = 1 2
Approximation reached(1) or not(0) = 1 best pk/qk value = 1.73203 error bound = 4.27186e-05
B = 88 | vec = 2 1 1 1 2 18
Approximation reached(1) or not(0) = 1 best pk/qk value = 9.38083 error bound = 3.35579e-06
B = 8 | vec = 1 4
Approximation reached(1) or not(0) = 1 best pk/qk value = 2.8284 error bound = 3.50128e-05
B = 90 | vec = 2 18
Approximation reached(1) or not(0) = 1 best pk/qk value = 9.48684 error bound = 9.61834e-06
B = 56 | vec = 2 14
Approximation reached(1) or not(0) = 1 best pk/qk value = 7.48333 error bound = 1.98413e-05
B = 33 | vec = 1 2 1 10
Approximation reached(1) or not(0) = 1 best pk/qk value = 5.74453 error bound = 5.32793e-05
B = 84 | vec = 6 18
Approximation reached(1) or not(0) = 1 best pk/qk value = 9.16514 error bound = 1.4028e-05
B = 77 | vec = 1 3 2 3 1 16
Approximation reached(1) or not(0) = 1 best pk/qk value = 8.775 error bound = 3.90625e-05
B = 63 | vec = 1 14
Approximation reached(1) or not(0) = 1 best pk/qk value = 7.93724 error bound = 1.75067e-05
B = 76 | vec = 1 2 1 1 5 4 5 1 1 2 1 16
Approximation reached(1) or not(0) = 1 best pk/qk value = 8.71779 error bound = 7.52757e-06
B = 8 | vec = 1 4
Approximation reached(1) or not(0) = 1 best pk/qk value = 2.8284 error bound = 3.50128e-05
B = 87 | vec = 3 18
Approximation reached(1) or not(0) = 1 best pk/qk value = 9.32738 error bound = 1.96838e-06
B = 76 | vec = 1 2 1 1 5 4 5 1 1 2 1 16
Approximation reached(1) or not(0) = 1 best pk/qk value = 8.71779 error bound = 7.52757e-06
B = 20 | vec = 2 8
Approximation reached(1) or not(0) = 1 best pk/qk value = 4.47222 error bound = 9.64506e-05
B = 7 | vec = 1 1 1 4
Approximation reached(1) or not(0) = 1 best pk/qk value = 2.64574 error bound = 2.0109e-05
B = 37 | vec = 12
Approximation reached(1) or not(0) = 1 best pk/qk value = 6.08276 error bound = 3.96354e-06
B = 56 | vec = 2 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.48333 error bound = 1.98413e-05

B = 92 | vec = 1 1 2 4 2 1 1 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.59167 error bound = 3.85802e-06

B = 48 | vec = 1 12

Approximation reached(1) or not(0) = 1 best pk/qk value = 6.92818 error bound = 3.05241e-05

B = 24 | vec = 1 8

Approximation reached(1) or not(0) = 1 best pk/qk value = 4.89899 error bound = 1.27538e-05

B = 85 | vec = 4 1 1 4 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.21951 error bound = 3.30491e-05

B = 87 | vec = 3 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.32738 error bound = 1.96838e-06

B = 52 | vec = 4 1 2 1 4 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.21111 error bound = 8.81834e-06

B = 100 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 10 error bound = 0

B = 24 | vec = 1 8

Approximation reached(1) or not(0) = 1 best pk/qk value = 4.89899 error bound = 1.27538e-05

B = 29 | vec = 2 1 1 2 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.38519 error bound = 2.74348e-05

B = 49 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 7 error bound = 0

B = 36 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 6 error bound = 0

B = 93 | vec = 1 1 1 4 6 4 1 1 1 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.64368 error bound = 3.30295e-05

B = 45 | vec = 1 2 2 2 1 12

Approximation reached(1) or not(0) = 1 best pk/qk value = 6.7082 error bound = 1.07498e-05

B = 21 | vec = 1 1 2 1 1 8

Approximation reached(1) or not(0) = 1 best pk/qk value = 4.58252 error bound = 9.42596e-05

B = 11 | vec = 3 6

Approximation reached(1) or not(0) = 1 best pk/qk value = 3.31667 error bound = 4.62963e-05

B = 11 | vec = 3 6

Approximation reached(1) or not(0) = 1 best pk/qk value = 3.31667 error bound = 4.62963e-05

B = 77 | vec = 1 3 2 3 1 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.775 error bound = 3.90625e-05

B = 16 | vec = 0
Approximation reached(1) or not(0) = 1 best pk/qk value = 4 error bound = 0
B = 2 | vec = 2
Approximation reached(1) or not(0) = 0 best pk/qk value = 1.41379 error bound = 0.00059453
B = 14 | vec = 1 2 1 6
Approximation reached(1) or not(0) = 1 best pk/qk value = 3.74167 error bound = 1.15741e-05
B = 40 | vec = 3 12
Approximation reached(1) or not(0) = 1 best pk/qk value = 6.32456 error bound = 6.41223e-06
B = 12 | vec = 2 6
Approximation reached(1) or not(0) = 1 best pk/qk value = 3.46409 error bound = 1.5262e-05
B = 87 | vec = 3 18
Approximation reached(1) or not(0) = 1 best pk/qk value = 9.32738 error bound = 1.96838e-06
B = 41 | vec = 2 2 12
Approximation reached(1) or not(0) = 1 best pk/qk value = 6.4031 error bound = 3.00463e-05
B = 90 | vec = 2 18
Approximation reached(1) or not(0) = 1 best pk/qk value = 9.48684 error bound = 9.61834e-06
B = 96 | vec = 1 3 1 18
Approximation reached(1) or not(0) = 1 best pk/qk value = 9.79798 error bound = 3.40101e-05
B = 70 | vec = 2 1 2 1 2 16
Approximation reached(1) or not(0) = 1 best pk/qk value = 8.36667 error bound = 6.94444e-05
B = 9 | vec = 0
Approximation reached(1) or not(0) = 1 best pk/qk value = 3 error bound = 0
B = 57 | vec = 1 1 4 1 1 14
Approximation reached(1) or not(0) = 1 best pk/qk value = 7.54983 error bound = 1.1809e-05
B = 45 | vec = 1 2 2 2 1 12
Approximation reached(1) or not(0) = 1 best pk/qk value = 6.7082 error bound = 1.07498e-05
B = 42 | vec = 2 12
Approximation reached(1) or not(0) = 1 best pk/qk value = 6.48077 error bound = 3.08185e-05
B = 29 | vec = 2 1 1 2 10
Approximation reached(1) or not(0) = 1 best pk/qk value = 5.38519 error bound = 2.74348e-05
B = 87 | vec = 3 18
Approximation reached(1) or not(0) = 1 best pk/qk value = 9.32738 error bound = 1.96838e-06
B = 23 | vec = 1 3 1 8
Approximation reached(1) or not(0) = 1 best pk/qk value = 4.79581 error bound = 2.74115e-05
B = 99 | vec = 1 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.94987 error bound = 6.9618e-06

B = 61 | vec = 1 4 3 1 2 2 1 3 4 1 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.81022 error bound = 5.32793e-05

B = 49 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 7 error bound = 0

B = 92 | vec = 1 1 2 4 2 1 1 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.59167 error bound = 3.85802e-06

B = 3 | vec = 1 2

Approximation reached(1) or not(0) = 1 best pk/qk value = 1.73203 error bound = 4.27186e-05

B = 19 | vec = 2 1 3 1 2 8

Approximation reached(1) or not(0) = 1 best pk/qk value = 4.35897 error bound = 8.21828e-05

B = 69 | vec = 3 3 1 4 1 3 3 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.30667 error bound = 5.92593e-05

B = 17 | vec = 8

Approximation reached(1) or not(0) = 1 best pk/qk value = 4.12308 error bound = 2.95858e-05

B = 21 | vec = 1 1 2 1 1 8

Approximation reached(1) or not(0) = 1 best pk/qk value = 4.58252 error bound = 9.42596e-05

B = 31 | vec = 1 1 3 5 3 1 1 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.5678 error bound = 7.18184e-05

B = 70 | vec = 2 1 2 1 2 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.36667 error bound = 6.94444e-05

B = 18 | vec = 4 8

Approximation reached(1) or not(0) = 1 best pk/qk value = 4.24265 error bound = 6.75822e-06

B = 14 | vec = 1 2 1 6

Approximation reached(1) or not(0) = 1 best pk/qk value = 3.74167 error bound = 1.15741e-05

B = 72 | vec = 2 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.48529 error bound = 1.35164e-05

B = 80 | vec = 1 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.94426 error bound = 1.07498e-05

B = 30 | vec = 2 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.47727 error bound = 5.16529e-05

B = 65 | vec = 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.06226 error bound = 9.46267e-07

B = 93 | vec = 1 1 1 4 6 4 1 1 1 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.64368 error bound = 3.30295e-05

B = 68 | vec = 4 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.24615 error bound = 5.91716e-05

B = 68 | vec = 4 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.24615 error bound = 5.91716e-05

B = 82 | vec = 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.05538 error bound = 5.2597e-07

B = 75 | vec = 1 1 1 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.66019 error bound = 9.42596e-05

B = 100 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 10 error bound = 0

B = 11 | vec = 3 6

Approximation reached(1) or not(0) = 1 best pk/qk value = 3.31667 error bound = 4.62963e-05

B = 86 | vec = 3 1 1 1 8 1 1 1 3 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.27358 error bound = 8.89996e-05

B = 48 | vec = 1 12

Approximation reached(1) or not(0) = 1 best pk/qk value = 6.92818 error bound = 3.05241e-05

B = 57 | vec = 1 1 4 1 1 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.54983 error bound = 1.1809e-05

B = 5 | vec = 4

Approximation reached(1) or not(0) = 1 best pk/qk value = 2.23611 error bound = 4.82253e-05

B = 48 | vec = 1 12

Approximation reached(1) or not(0) = 1 best pk/qk value = 6.92818 error bound = 3.05241e-05

B = 9 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 3 error bound = 0

B = 90 | vec = 2 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.48684 error bound = 9.61834e-06

B = 42 | vec = 2 12

Approximation reached(1) or not(0) = 1 best pk/qk value = 6.48077 error bound = 3.08185e-05

B = 35 | vec = 1 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.91603 error bound = 5.82717e-05

B = 46 | vec = 1 3 1 1 2 6 2 1 1 3 1 12

Approximation reached(1) or not(0) = 1 best pk/qk value = 6.78231 error bound = 2.31385e-05

B = 91 | vec = 1 1 5 1 5 1 1 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.53939 error bound = 2.04061e-06

B = 32 | vec = 1 1 1 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.65686 error bound = 9.61169e-06

B = 8 | vec = 1 4

Approximation reached(1) or not(0) = 1 best pk/qk value = 2.8284 error bound = 3.50128e-05

B = 8 | vec = 1 4

Approximation reached(1) or not(0) = 1 best pk/qk value = 2.8284 error bound = 3.50128e-05

B = 8 | vec = 1 4

Approximation reached(1) or not(0) = 1 best pk/qk value = 2.8284 error bound = 3.50128e-05

B = 9 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 3 error bound = 0

B = 80 | vec = 1 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.94426 error bound = 1.07498e-05

B = 58 | vec = 1 1 1 1 1 1 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.61579 error bound = 2.77008e-05

B = 24 | vec = 1 8

Approximation reached(1) or not(0) = 1 best pk/qk value = 4.89899 error bound = 1.27538e-05

B = 81 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 9 error bound = 0

B = 40 | vec = 3 12

Approximation reached(1) or not(0) = 1 best pk/qk value = 6.32456 error bound = 6.41223e-06

B = 57 | vec = 1 1 4 1 1 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.54983 error bound = 1.1809e-05

B = 61 | vec = 1 4 3 1 2 2 1 3 4 1 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.81022 error bound = 5.32793e-05

B = 54 | vec = 2 1 6 1 2 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.34848 error bound = 1.63977e-05

B = 77 | vec = 1 3 2 3 1 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.775 error bound = 3.90625e-05

B = 79 | vec = 1 7 1 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.88816 error bound = 4.32825e-05

B = 4 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 2 error bound = 0

B = 40 | vec = 3 12

Approximation reached(1) or not(0) = 1 best pk/qk value = 6.32456 error bound = 6.41223e-06

B = 13 | vec = 1 1 1 1 6
Approximation reached(1) or not(0) = 1 best pk/qk value = 3.6055 error bound = 8.4168e-05
B = 64 | vec = 0
Approximation reached(1) or not(0) = 1 best pk/qk value = 8 error bound = 0
B = 28 | vec = 3 2 3 10
Approximation reached(1) or not(0) = 1 best pk/qk value = 5.2915 error bound = 5.46367e-06
B = 88 | vec = 2 1 1 1 2 18
Approximation reached(1) or not(0) = 1 best pk/qk value = 9.38083 error bound = 3.35579e-06
B = 64 | vec = 0
Approximation reached(1) or not(0) = 1 best pk/qk value = 8 error bound = 0
B = 2 | vec = 2
Approximation reached(1) or not(0) = 0 best pk/qk value = 1.41379 error bound = 0.00059453
B = 51 | vec = 7 14
Approximation reached(1) or not(0) = 1 best pk/qk value = 7.14141 error bound = 1.45758e-05
B = 85 | vec = 4 1 1 4 18
Approximation reached(1) or not(0) = 1 best pk/qk value = 9.21951 error bound = 3.30491e-05
B = 60 | vec = 1 2 1 14
Approximation reached(1) or not(0) = 1 best pk/qk value = 7.74595 error bound = 2.92184e-05
B = 46 | vec = 1 3 1 1 2 6 2 1 1 3 1 12
Approximation reached(1) or not(0) = 1 best pk/qk value = 6.78231 error bound = 2.31385e-05
B = 55 | vec = 2 2 2 14
Approximation reached(1) or not(0) = 1 best pk/qk value = 7.41618 error bound = 1.67062e-05
B = 33 | vec = 1 2 1 10
Approximation reached(1) or not(0) = 1 best pk/qk value = 5.74453 error bound = 5.32793e-05
B = 89 | vec = 2 3 3 2 18
Approximation reached(1) or not(0) = 1 best pk/qk value = 9.43396 error bound = 1.97777e-05
B = 20 | vec = 2 8
Approximation reached(1) or not(0) = 1 best pk/qk value = 4.47222 error bound = 9.64506e-05
B = 72 | vec = 2 16
Approximation reached(1) or not(0) = 1 best pk/qk value = 8.48529 error bound = 1.35164e-05
B = 43 | vec = 1 1 3 1 5 1 3 1 1 12
Approximation reached(1) or not(0) = 1 best pk/qk value = 6.55738 error bound = 8.95817e-05
B = 13 | vec = 1 1 1 1 6
Approximation reached(1) or not(0) = 1 best pk/qk value = 3.6055 error bound = 8.4168e-05
B = 90 | vec = 2 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.48684 error bound = 9.61834e-06

B = 94 | vec = 1 2 3 1 1 5 1 8 1 5 1 1 3 2 1 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.69531 error bound = 6.10352e-05

B = 32 | vec = 1 1 1 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.65686 error bound = 9.61169e-06

B = 56 | vec = 2 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.48333 error bound = 1.98413e-05

B = 65 | vec = 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.06226 error bound = 9.46267e-07

B = 71 | vec = 2 2 1 7 1 2 2 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.42614 error bound = 1.61415e-05

B = 88 | vec = 2 1 1 1 2 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.38083 error bound = 3.35579e-06

B = 94 | vec = 1 2 3 1 1 5 1 8 1 5 1 1 3 2 1 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.69531 error bound = 6.10352e-05

B = 32 | vec = 1 1 1 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.65686 error bound = 9.61169e-06

B = 10 | vec = 6

Approximation reached(1) or not(0) = 1 best pk/qk value = 3.16228 error bound = 3.20611e-06

B = 52 | vec = 4 1 2 1 4 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.21111 error bound = 8.81834e-06

B = 11 | vec = 3 6

Approximation reached(1) or not(0) = 1 best pk/qk value = 3.31667 error bound = 4.62963e-05

B = 70 | vec = 2 1 2 1 2 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.36667 error bound = 6.94444e-05

B = 63 | vec = 1 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.93724 error bound = 1.75067e-05

B = 4 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 2 error bound = 0

B = 93 | vec = 1 1 1 4 6 4 1 1 1 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.64368 error bound = 3.30295e-05

B = 7 | vec = 1 1 1 4

Approximation reached(1) or not(0) = 1 best pk/qk value = 2.64574 error bound = 2.0109e-05

B = 23 | vec = 1 3 1 8

Approximation reached(1) or not(0) = 1 best pk/qk value = 4.79581 error bound = 2.74115e-05

B = 19 | vec = 2 1 3 1 2 8

Approximation reached(1) or not(0) = 1 best pk/qk value = 4.35897 error bound = 8.21828e-05

B = 76 | vec = 1 2 1 1 5 4 5 1 1 2 1 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.71779 error bound = 7.52757e-06

B = 65 | vec = 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.06226 error bound = 9.46267e-07

B = 6 | vec = 2 4

Approximation reached(1) or not(0) = 1 best pk/qk value = 2.44944 error bound = 6.31233e-05

B = 83 | vec = 9 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.11043 error bound = 4.18198e-06

B = 97 | vec = 1 5 1 1 1 1 1 1 5 1 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.84884 error bound = 2.70416e-05

B = 29 | vec = 2 1 1 2 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.38519 error bound = 2.74348e-05

B = 1 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 1 error bound = 0

B = 31 | vec = 1 1 3 5 3 1 1 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.5678 error bound = 7.18184e-05

B = 53 | vec = 3 1 1 3 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.28011 error bound = 2.61543e-06

B = 93 | vec = 1 1 1 4 6 4 1 1 1 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.64368 error bound = 3.30295e-05

B = 95 | vec = 1 2 1 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.74684 error bound = 8.01154e-05

B = 32 | vec = 1 1 1 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.65686 error bound = 9.61169e-06

B = 80 | vec = 1 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.94426 error bound = 1.07498e-05

B = 83 | vec = 9 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.11043 error bound = 4.18198e-06

B = 86 | vec = 3 1 1 1 8 1 1 1 3 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.27358 error bound = 8.89996e-05

B = 85 | vec = 4 1 1 4 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.21951 error bound = 3.30491e-05

B = 8 | vec = 1 4

Approximation reached(1) or not(0) = 1 best pk/qk value = 2.8284 error bound = 3.50128e-05

B = 44 | vec = 1 1 1 2 1 1 1 12

Approximation reached(1) or not(0) = 1 best pk/qk value = 6.63333 error bound = 9.25926e-05

B = 55 | vec = 2 2 2 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.41618 error bound = 1.67062e-05

B = 7 | vec = 1 1 1 4

Approximation reached(1) or not(0) = 1 best pk/qk value = 2.64574 error bound = 2.0109e-05

B = 56 | vec = 2 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.48333 error bound = 1.98413e-05

B = 30 | vec = 2 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.47727 error bound = 5.16529e-05

B = 89 | vec = 2 3 3 2 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.43396 error bound = 1.97777e-05

B = 92 | vec = 1 1 2 4 2 1 1 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.59167 error bound = 3.85802e-06

B = 53 | vec = 3 1 1 3 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.28011 error bound = 2.61543e-06

B = 32 | vec = 1 1 1 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.65686 error bound = 9.61169e-06

B = 77 | vec = 1 3 2 3 1 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.775 error bound = 3.90625e-05

B = 52 | vec = 4 1 2 1 4 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.21111 error bound = 8.81834e-06

B = 77 | vec = 1 3 2 3 1 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.775 error bound = 3.90625e-05

B = 48 | vec = 1 12

Approximation reached(1) or not(0) = 1 best pk/qk value = 6.92818 error bound = 3.05241e-05

B = 64 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 8 error bound = 0

B = 51 | vec = 7 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.14141 error bound = 1.45758e-05

B = 71 | vec = 2 2 1 7 1 2 2 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.42614 error bound = 1.61415e-05

B = 12 | vec = 2 6

Approximation reached(1) or not(0) = 1 best pk/qk value = 3.46409 error bound = 1.5262e-05

B = 75 | vec = 1 1 1 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.66019 error bound = 9.42596e-05

B = 6 | vec = 2 4

Approximation reached(1) or not(0) = 1 best pk/qk value = 2.44944 error bound = 6.31233e-05

B = 6 | vec = 2 4

Approximation reached(1) or not(0) = 1 best pk/qk value = 2.44944 error bound = 6.31233e-05

B = 85 | vec = 4 1 1 4 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.21951 error bound = 3.30491e-05

B = 58 | vec = 1 1 1 1 1 1 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.61579 error bound = 2.77008e-05

B = 29 | vec = 2 1 1 2 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.38519 error bound = 2.74348e-05

B = 59 | vec = 1 2 7 2 1 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.68116 error bound = 1.50029e-05

B = 27 | vec = 5 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.19608 error bound = 7.68935e-05

B = 57 | vec = 1 1 4 1 1 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.54983 error bound = 1.1809e-05

B = 25 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 5 error bound = 0

B = 53 | vec = 3 1 1 3 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.28011 error bound = 2.61543e-06

B = 51 | vec = 7 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.14141 error bound = 1.45758e-05

B = 85 | vec = 4 1 1 4 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.21951 error bound = 3.30491e-05

B = 2 | vec = 2

Approximation reached(1) or not(0) = 0 best pk/qk value = 1.41379 error bound = 0.00059453

B = 97 | vec = 1 5 1 1 1 1 1 1 5 1 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.84884 error bound = 2.70416e-05

B = 76 | vec = 1 2 1 1 5 4 5 1 1 2 1 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.71779 error bound = 7.52757e-06

B = 77 | vec = 1 3 2 3 1 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.775 error bound = 3.90625e-05

B = 90 | vec = 2 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.48684 error bound = 9.61834e-06

B = 98 | vec = 1 8 1 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.89947 error bound = 2.79947e-05

B = 62 | vec = 1 6 1 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.87395 error bound = 7.06165e-05

B = 96 | vec = 1 3 1 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.79798 error bound = 3.40101e-05

B = 85 | vec = 4 1 1 4 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.21951 error bound = 3.30491e-05

B = 23 | vec = 1 3 1 8

Approximation reached(1) or not(0) = 1 best pk/qk value = 4.79581 error bound = 2.74115e-05

B = 76 | vec = 1 2 1 1 5 4 5 1 1 2 1 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.71779 error bound = 7.52757e-06

B = 98 | vec = 1 8 1 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.89947 error bound = 2.79947e-05

B = 88 | vec = 2 1 1 1 2 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.38083 error bound = 3.35579e-06

B = 82 | vec = 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.05538 error bound = 5.2597e-07

B = 54 | vec = 2 1 6 1 2 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.34848 error bound = 1.63977e-05

B = 10 | vec = 6

Approximation reached(1) or not(0) = 1 best pk/qk value = 3.16228 error bound = 3.20611e-06

B = 45 | vec = 1 2 2 2 1 12

Approximation reached(1) or not(0) = 1 best pk/qk value = 6.7082 error bound = 1.07498e-05

B = 93 | vec = 1 1 1 4 6 4 1 1 1 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.64368 error bound = 3.30295e-05

B = 39 | vec = 4 12

Approximation reached(1) or not(0) = 1 best pk/qk value = 6.245 error bound = 2.08333e-06

B = 78 | vec = 1 4 1 16
Approximation reached(1) or not(0) = 1 best pk/qk value = 8.83168 error bound = 9.80296e-05
B = 43 | vec = 1 1 3 1 5 1 3 1 1 12
Approximation reached(1) or not(0) = 1 best pk/qk value = 6.55738 error bound = 8.95817e-05
B = 56 | vec = 2 14
Approximation reached(1) or not(0) = 1 best pk/qk value = 7.48333 error bound = 1.98413e-05
B = 18 | vec = 4 8
Approximation reached(1) or not(0) = 1 best pk/qk value = 4.24265 error bound = 6.75822e-06
B = 57 | vec = 1 1 4 1 1 14
Approximation reached(1) or not(0) = 1 best pk/qk value = 7.54983 error bound = 1.1809e-05
B = 32 | vec = 1 1 1 10
Approximation reached(1) or not(0) = 1 best pk/qk value = 5.65686 error bound = 9.61169e-06
B = 54 | vec = 2 1 6 1 2 14
Approximation reached(1) or not(0) = 1 best pk/qk value = 7.34848 error bound = 1.63977e-05
B = 45 | vec = 1 2 2 2 1 12
Approximation reached(1) or not(0) = 1 best pk/qk value = 6.7082 error bound = 1.07498e-05
B = 55 | vec = 2 2 2 14
Approximation reached(1) or not(0) = 1 best pk/qk value = 7.41618 error bound = 1.67062e-05
B = 28 | vec = 3 2 3 10
Approximation reached(1) or not(0) = 1 best pk/qk value = 5.2915 error bound = 5.46367e-06
B = 22 | vec = 1 2 4 2 1 8
Approximation reached(1) or not(0) = 1 best pk/qk value = 4.69048 error bound = 7.08617e-05
B = 51 | vec = 7 14
Approximation reached(1) or not(0) = 1 best pk/qk value = 7.14141 error bound = 1.45758e-05
B = 8 | vec = 1 4
Approximation reached(1) or not(0) = 1 best pk/qk value = 2.8284 error bound = 3.50128e-05
B = 78 | vec = 1 4 1 16
Approximation reached(1) or not(0) = 1 best pk/qk value = 8.83168 error bound = 9.80296e-05
B = 41 | vec = 2 2 12
Approximation reached(1) or not(0) = 1 best pk/qk value = 6.4031 error bound = 3.00463e-05
B = 89 | vec = 2 3 3 2 18
Approximation reached(1) or not(0) = 1 best pk/qk value = 9.43396 error bound = 1.97777e-05
B = 83 | vec = 9 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.11043 error bound = 4.18198e-06

B = 70 | vec = 2 1 2 1 2 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.36667 error bound = 6.94444e-05

B = 52 | vec = 4 1 2 1 4 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.21111 error bound = 8.81834e-06

B = 32 | vec = 1 1 1 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.65686 error bound = 9.61169e-06

B = 97 | vec = 1 5 1 1 1 1 1 1 5 1 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.84884 error bound = 2.70416e-05

B = 94 | vec = 1 2 3 1 1 5 1 8 1 5 1 1 3 2 1 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.69531 error bound = 6.10352e-05

B = 70 | vec = 2 1 2 1 2 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.36667 error bound = 6.94444e-05

B = 83 | vec = 9 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.11043 error bound = 4.18198e-06

B = 52 | vec = 4 1 2 1 4 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.21111 error bound = 8.81834e-06

B = 57 | vec = 1 1 4 1 1 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.54983 error bound = 1.1809e-05

B = 26 | vec = 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.09901 error bound = 9.80296e-06

B = 75 | vec = 1 1 1 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.66019 error bound = 9.42596e-05

B = 99 | vec = 1 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.94987 error bound = 6.9618e-06

B = 24 | vec = 1 8

Approximation reached(1) or not(0) = 1 best pk/qk value = 4.89899 error bound = 1.27538e-05

B = 98 | vec = 1 8 1 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.89947 error bound = 2.79947e-05

B = 84 | vec = 6 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.16514 error bound = 1.4028e-05

B = 62 | vec = 1 6 1 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.87395 error bound = 7.06165e-05

B = 8 | vec = 1 4
Approximation reached(1) or not(0) = 1 best pk/qk value = 2.8284 error bound = 3.50128e-05
B = 81 | vec = 0
Approximation reached(1) or not(0) = 1 best pk/qk value = 9 error bound = 0
B = 69 | vec = 3 3 1 4 1 3 3 16
Approximation reached(1) or not(0) = 1 best pk/qk value = 8.30667 error bound = 5.92593e-05
B = 92 | vec = 1 1 2 4 2 1 1 18
Approximation reached(1) or not(0) = 1 best pk/qk value = 9.59167 error bound = 3.85802e-06
B = 28 | vec = 3 2 3 10
Approximation reached(1) or not(0) = 1 best pk/qk value = 5.2915 error bound = 5.46367e-06
B = 69 | vec = 3 3 1 4 1 3 3 16
Approximation reached(1) or not(0) = 1 best pk/qk value = 8.30667 error bound = 5.92593e-05
B = 31 | vec = 1 1 3 5 3 1 1 10
Approximation reached(1) or not(0) = 1 best pk/qk value = 5.5678 error bound = 7.18184e-05
B = 27 | vec = 5 10
Approximation reached(1) or not(0) = 1 best pk/qk value = 5.19608 error bound = 7.68935e-05
B = 14 | vec = 1 2 1 6
Approximation reached(1) or not(0) = 1 best pk/qk value = 3.74167 error bound = 1.15741e-05
B = 7 | vec = 1 1 1 4
Approximation reached(1) or not(0) = 1 best pk/qk value = 2.64574 error bound = 2.0109e-05
B = 12 | vec = 2 6
Approximation reached(1) or not(0) = 1 best pk/qk value = 3.46409 error bound = 1.5262e-05
B = 24 | vec = 1 8
Approximation reached(1) or not(0) = 1 best pk/qk value = 4.89899 error bound = 1.27538e-05
B = 9 | vec = 0
Approximation reached(1) or not(0) = 1 best pk/qk value = 3 error bound = 0
B = 36 | vec = 0
Approximation reached(1) or not(0) = 1 best pk/qk value = 6 error bound = 0
B = 86 | vec = 3 1 1 1 8 1 1 1 3 18
Approximation reached(1) or not(0) = 1 best pk/qk value = 9.27358 error bound = 8.89996e-05
B = 54 | vec = 2 1 6 1 2 14
Approximation reached(1) or not(0) = 1 best pk/qk value = 7.34848 error bound = 1.63977e-05
B = 50 | vec = 14
Approximation reached(1) or not(0) = 1 best pk/qk value = 7.07107 error bound = 1.84052e-06
B = 77 | vec = 1 3 2 3 1 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.775 error bound = 3.90625e-05

B = 10 | vec = 6

Approximation reached(1) or not(0) = 1 best pk/qk value = 3.16228 error bound = 3.20611e-06

B = 77 | vec = 1 3 2 3 1 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.775 error bound = 3.90625e-05

B = 61 | vec = 1 4 3 1 2 2 1 3 4 1 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.81022 error bound = 5.32793e-05

B = 83 | vec = 9 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.11043 error bound = 4.18198e-06

B = 60 | vec = 1 2 1 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.74595 error bound = 2.92184e-05

B = 16 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 4 error bound = 0

B = 41 | vec = 2 2 12

Approximation reached(1) or not(0) = 1 best pk/qk value = 6.4031 error bound = 3.00463e-05

B = 66 | vec = 8 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.12403 error bound = 7.51157e-06

B = 4 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 2 error bound = 0

B = 22 | vec = 1 2 4 2 1 8

Approximation reached(1) or not(0) = 1 best pk/qk value = 4.69048 error bound = 7.08617e-05

B = 34 | vec = 1 4 1 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.83099 error bound = 4.95933e-05

B = 56 | vec = 2 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.48333 error bound = 1.98413e-05

B = 80 | vec = 1 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.94426 error bound = 1.07498e-05

B = 51 | vec = 7 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.14141 error bound = 1.45758e-05

B = 44 | vec = 1 1 1 2 1 1 1 12

Approximation reached(1) or not(0) = 1 best pk/qk value = 6.63333 error bound = 9.25926e-05

B = 92 | vec = 1 1 2 4 2 1 1 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.59167 error bound = 3.85802e-06

B = 71 | vec = 2 2 1 7 1 2 2 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.42614 error bound = 1.61415e-05

B = 56 | vec = 2 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.48333 error bound = 1.98413e-05

B = 7 | vec = 1 1 1 4

Approximation reached(1) or not(0) = 1 best pk/qk value = 2.64574 error bound = 2.0109e-05

B = 16 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 4 error bound = 0

B = 67 | vec = 5 2 1 1 7 1 1 2 5 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.18537 error bound = 2.37954e-05

B = 85 | vec = 4 1 1 4 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.21951 error bound = 3.30491e-05

B = 34 | vec = 1 4 1 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.83099 error bound = 4.95933e-05

B = 91 | vec = 1 1 5 1 5 1 1 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.53939 error bound = 2.04061e-06

B = 6 | vec = 2 4

Approximation reached(1) or not(0) = 1 best pk/qk value = 2.44944 error bound = 6.31233e-05

B = 12 | vec = 2 6

Approximation reached(1) or not(0) = 1 best pk/qk value = 3.46409 error bound = 1.5262e-05

B = 89 | vec = 2 3 3 2 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.43396 error bound = 1.97777e-05

B = 92 | vec = 1 1 2 4 2 1 1 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.59167 error bound = 3.85802e-06

B = 52 | vec = 4 1 2 1 4 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.21111 error bound = 8.81834e-06

B = 44 | vec = 1 1 1 2 1 1 1 12

Approximation reached(1) or not(0) = 1 best pk/qk value = 6.63333 error bound = 9.25926e-05

B = 82 | vec = 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.05538 error bound = 5.2597e-07

B = 77 | vec = 1 3 2 3 1 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.775 error bound = 3.90625e-05

B = 18 | vec = 4 8

Approximation reached(1) or not(0) = 1 best pk/qk value = 4.24265 error bound = 6.75822e-06

B = 85 | vec = 4 1 1 4 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.21951 error bound = 3.30491e-05

B = 19 | vec = 2 1 3 1 2 8

Approximation reached(1) or not(0) = 1 best pk/qk value = 4.35897 error bound = 8.21828e-05

B = 5 | vec = 4

Approximation reached(1) or not(0) = 1 best pk/qk value = 2.23611 error bound = 4.82253e-05

B = 4 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 2 error bound = 0

B = 95 | vec = 1 2 1 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.74684 error bound = 8.01154e-05

B = 64 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 8 error bound = 0

B = 29 | vec = 2 1 1 2 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.38519 error bound = 2.74348e-05

B = 76 | vec = 1 2 1 1 5 4 5 1 1 2 1 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.71779 error bound = 7.52757e-06

B = 7 | vec = 1 1 1 4

Approximation reached(1) or not(0) = 1 best pk/qk value = 2.64574 error bound = 2.0109e-05

B = 72 | vec = 2 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.48529 error bound = 1.35164e-05

B = 68 | vec = 4 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.24615 error bound = 5.91716e-05

B = 10 | vec = 6

Approximation reached(1) or not(0) = 1 best pk/qk value = 3.16228 error bound = 3.20611e-06

B = 85 | vec = 4 1 1 4 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.21951 error bound = 3.30491e-05

B = 91 | vec = 1 1 5 1 5 1 1 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.53939 error bound = 2.04061e-06

B = 67 | vec = 5 2 1 1 7 1 1 2 5 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.18537 error bound = 2.37954e-05

B = 44 | vec = 1 1 1 2 1 1 1 12

Approximation reached(1) or not(0) = 1 best pk/qk value = 6.63333 error bound = 9.25926e-05

B = 15 | vec = 1 6

Approximation reached(1) or not(0) = 1 best pk/qk value = 3.87302 error bound = 4.19921e-05

B = 29 | vec = 2 1 1 2 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.38519 error bound = 2.74348e-05

B = 66 | vec = 8 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.12403 error bound = 7.51157e-06

B = 77 | vec = 1 3 2 3 1 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.775 error bound = 3.90625e-05

B = 78 | vec = 1 4 1 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.83168 error bound = 9.80296e-05

B = 93 | vec = 1 1 1 4 6 4 1 1 1 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.64368 error bound = 3.30295e-05

B = 87 | vec = 3 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.32738 error bound = 1.96838e-06

B = 36 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 6 error bound = 0

B = 37 | vec = 12

Approximation reached(1) or not(0) = 1 best pk/qk value = 6.08276 error bound = 3.96354e-06

B = 59 | vec = 1 2 7 2 1 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.68116 error bound = 1.50029e-05

B = 4 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 2 error bound = 0

B = 54 | vec = 2 1 6 1 2 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.34848 error bound = 1.63977e-05

B = 22 | vec = 1 2 4 2 1 8

Approximation reached(1) or not(0) = 1 best pk/qk value = 4.69048 error bound = 7.08617e-05

B = 24 | vec = 1 8

Approximation reached(1) or not(0) = 1 best pk/qk value = 4.89899 error bound = 1.27538e-05

B = 88 | vec = 2 1 1 1 2 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.38083 error bound = 3.35579e-06

B = 58 | vec = 1 1 1 1 1 1 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.61579 error bound = 2.77008e-05

B = 17 | vec = 8

Approximation reached(1) or not(0) = 1 best pk/qk value = 4.12308 error bound = 2.95858e-05

B = 10 | vec = 6

Approximation reached(1) or not(0) = 1 best pk/qk value = 3.16228 error bound = 3.20611e-06

B = 51 | vec = 7 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.14141 error bound = 1.45758e-05

B = 54 | vec = 2 1 6 1 2 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.34848 error bound = 1.63977e-05

B = 99 | vec = 1 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.94987 error bound = 6.9618e-06

B = 33 | vec = 1 2 1 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.74453 error bound = 5.32793e-05

B = 2 | vec = 2

Approximation reached(1) or not(0) = 0 best pk/qk value = 1.41379 error bound = 0.00059453

B = 37 | vec = 12

Approximation reached(1) or not(0) = 1 best pk/qk value = 6.08276 error bound = 3.96354e-06

B = 44 | vec = 1 1 1 2 1 1 1 12

Approximation reached(1) or not(0) = 1 best pk/qk value = 6.63333 error bound = 9.25926e-05

B = 87 | vec = 3 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.32738 error bound = 1.96838e-06

B = 15 | vec = 1 6

Approximation reached(1) or not(0) = 1 best pk/qk value = 3.87302 error bound = 4.19921e-05

B = 37 | vec = 12

Approximation reached(1) or not(0) = 1 best pk/qk value = 6.08276 error bound = 3.96354e-06

B = 86 | vec = 3 1 1 1 8 1 1 1 3 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.27358 error bound = 8.89996e-05

B = 90 | vec = 2 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.48684 error bound = 9.61834e-06

B = 10 | vec = 6

Approximation reached(1) or not(0) = 1 best pk/qk value = 3.16228 error bound = 3.20611e-06

B = 14 | vec = 1 2 1 6

Approximation reached(1) or not(0) = 1 best pk/qk value = 3.74167 error bound = 1.15741e-05

B = 21 | vec = 1 1 2 1 1 8

Approximation reached(1) or not(0) = 1 best pk/qk value = 4.58252 error bound = 9.42596e-05

B = 54 | vec = 2 1 6 1 2 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.34848 error bound = 1.63977e-05

B = 85 | vec = 4 1 1 4 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.21951 error bound = 3.30491e-05

B = 2 | vec = 2
Approximation reached(1) or not(0) = 0 best pk/qk value = 1.41379 error bound = 0.00059453
B = 74 | vec = 1 1 1 1 16
Approximation reached(1) or not(0) = 1 best pk/qk value = 8.60234 error bound = 3.41986e-05
B = 74 | vec = 1 1 1 1 16
Approximation reached(1) or not(0) = 1 best pk/qk value = 8.60234 error bound = 3.41986e-05
B = 85 | vec = 4 1 1 4 18
Approximation reached(1) or not(0) = 1 best pk/qk value = 9.21951 error bound = 3.30491e-05
B = 21 | vec = 1 1 2 1 1 8
Approximation reached(1) or not(0) = 1 best pk/qk value = 4.58252 error bound = 9.42596e-05
B = 94 | vec = 1 2 3 1 1 5 1 8 1 5 1 1 3 2 1 18
Approximation reached(1) or not(0) = 1 best pk/qk value = 9.69531 error bound = 6.10352e-05
B = 65 | vec = 16
Approximation reached(1) or not(0) = 1 best pk/qk value = 8.06226 error bound = 9.46267e-07
B = 12 | vec = 2 6
Approximation reached(1) or not(0) = 1 best pk/qk value = 3.46409 error bound = 1.5262e-05
B = 47 | vec = 1 5 1 12
Approximation reached(1) or not(0) = 1 best pk/qk value = 6.85567 error bound = 2.12562e-05
B = 78 | vec = 1 4 1 16
Approximation reached(1) or not(0) = 1 best pk/qk value = 8.83168 error bound = 9.80296e-05
B = 39 | vec = 4 12
Approximation reached(1) or not(0) = 1 best pk/qk value = 6.245 error bound = 2.08333e-06
B = 18 | vec = 4 8
Approximation reached(1) or not(0) = 1 best pk/qk value = 4.24265 error bound = 6.75822e-06
B = 61 | vec = 1 4 3 1 2 2 1 3 4 1 14
Approximation reached(1) or not(0) = 1 best pk/qk value = 7.81022 error bound = 5.32793e-05
B = 21 | vec = 1 1 2 1 1 8
Approximation reached(1) or not(0) = 1 best pk/qk value = 4.58252 error bound = 9.42596e-05
B = 75 | vec = 1 1 1 16
Approximation reached(1) or not(0) = 1 best pk/qk value = 8.66019 error bound = 9.42596e-05
B = 47 | vec = 1 5 1 12
Approximation reached(1) or not(0) = 1 best pk/qk value = 6.85567 error bound = 2.12562e-05
B = 72 | vec = 2 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.48529 error bound = 1.35164e-05

B = 87 | vec = 3 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.32738 error bound = 1.96838e-06

B = 31 | vec = 1 1 3 5 3 1 1 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.5678 error bound = 7.18184e-05

B = 45 | vec = 1 2 2 2 1 12

Approximation reached(1) or not(0) = 1 best pk/qk value = 6.7082 error bound = 1.07498e-05

B = 58 | vec = 1 1 1 1 1 1 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.61579 error bound = 2.77008e-05

B = 37 | vec = 12

Approximation reached(1) or not(0) = 1 best pk/qk value = 6.08276 error bound = 3.96354e-06

B = 32 | vec = 1 1 1 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.65686 error bound = 9.61169e-06

B = 27 | vec = 5 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.19608 error bound = 7.68935e-05

B = 61 | vec = 1 4 3 1 2 2 1 3 4 1 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.81022 error bound = 5.32793e-05

B = 68 | vec = 4 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.24615 error bound = 5.91716e-05

B = 77 | vec = 1 3 2 3 1 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.775 error bound = 3.90625e-05

B = 92 | vec = 1 1 2 4 2 1 1 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.59167 error bound = 3.85802e-06

B = 77 | vec = 1 3 2 3 1 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.775 error bound = 3.90625e-05

B = 50 | vec = 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.07107 error bound = 1.84052e-06

B = 97 | vec = 1 5 1 1 1 1 1 1 5 1 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.84884 error bound = 2.70416e-05

B = 86 | vec = 3 1 1 1 8 1 1 1 3 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.27358 error bound = 8.89996e-05

B = 99 | vec = 1 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.94987 error bound = 6.9618e-06

B = 28 | vec = 3 2 3 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.2915 error bound = 5.46367e-06

B = 10 | vec = 6

Approximation reached(1) or not(0) = 1 best pk/qk value = 3.16228 error bound = 3.20611e-06

B = 16 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 4 error bound = 0

B = 71 | vec = 2 2 1 7 1 2 2 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.42614 error bound = 1.61415e-05

B = 87 | vec = 3 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.32738 error bound = 1.96838e-06

B = 31 | vec = 1 1 3 5 3 1 1 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.5678 error bound = 7.18184e-05

B = 11 | vec = 3 6

Approximation reached(1) or not(0) = 1 best pk/qk value = 3.31667 error bound = 4.62963e-05

B = 57 | vec = 1 1 4 1 1 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.54983 error bound = 1.1809e-05

B = 7 | vec = 1 1 1 4

Approximation reached(1) or not(0) = 1 best pk/qk value = 2.64574 error bound = 2.0109e-05

B = 54 | vec = 2 1 6 1 2 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.34848 error bound = 1.63977e-05

B = 79 | vec = 1 7 1 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.88816 error bound = 4.32825e-05

B = 49 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 7 error bound = 0

B = 80 | vec = 1 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.94426 error bound = 1.07498e-05

B = 45 | vec = 1 2 2 2 1 12

Approximation reached(1) or not(0) = 1 best pk/qk value = 6.7082 error bound = 1.07498e-05

B = 32 | vec = 1 1 1 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.65686 error bound = 9.61169e-06

B = 69 | vec = 3 3 1 4 1 3 3 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.30667 error bound = 5.92593e-05

B = 29 | vec = 2 1 1 2 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.38519 error bound = 2.74348e-05

B = 98 | vec = 1 8 1 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.89947 error bound = 2.79947e-05

B = 74 | vec = 1 1 1 1 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.60234 error bound = 3.41986e-05

B = 60 | vec = 1 2 1 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.74595 error bound = 2.92184e-05

B = 50 | vec = 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.07107 error bound = 1.84052e-06

B = 9 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 3 error bound = 0

B = 35 | vec = 1 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.91603 error bound = 5.82717e-05

B = 100 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 10 error bound = 0

B = 43 | vec = 1 1 3 1 5 1 3 1 1 12

Approximation reached(1) or not(0) = 1 best pk/qk value = 6.55738 error bound = 8.95817e-05

B = 7 | vec = 1 1 1 4

Approximation reached(1) or not(0) = 1 best pk/qk value = 2.64574 error bound = 2.0109e-05

B = 52 | vec = 4 1 2 1 4 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.21111 error bound = 8.81834e-06

B = 21 | vec = 1 1 2 1 1 8

Approximation reached(1) or not(0) = 1 best pk/qk value = 4.58252 error bound = 9.42596e-05

B = 29 | vec = 2 1 1 2 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.38519 error bound = 2.74348e-05

B = 48 | vec = 1 12

Approximation reached(1) or not(0) = 1 best pk/qk value = 6.92818 error bound = 3.05241e-05

B = 9 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 3 error bound = 0

B = 71 | vec = 2 2 1 7 1 2 2 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.42614 error bound = 1.61415e-05

B = 96 | vec = 1 3 1 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.79798 error bound = 3.40101e-05

B = 87 | vec = 3 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.32738 error bound = 1.96838e-06

B = 8 | vec = 1 4

Approximation reached(1) or not(0) = 1 best pk/qk value = 2.8284 error bound = 3.50128e-05

B = 71 | vec = 2 2 1 7 1 2 2 16
Approximation reached(1) or not(0) = 1 best pk/qk value = 8.42614 error bound = 1.61415e-05
B = 65 | vec = 16
Approximation reached(1) or not(0) = 1 best pk/qk value = 8.06226 error bound = 9.46267e-07
B = 42 | vec = 2 12
Approximation reached(1) or not(0) = 1 best pk/qk value = 6.48077 error bound = 3.08185e-05
B = 85 | vec = 4 1 1 4 18
Approximation reached(1) or not(0) = 1 best pk/qk value = 9.21951 error bound = 3.30491e-05
B = 27 | vec = 5 10
Approximation reached(1) or not(0) = 1 best pk/qk value = 5.19608 error bound = 7.68935e-05
B = 73 | vec = 1 1 5 5 1 1 16
Approximation reached(1) or not(0) = 1 best pk/qk value = 8.544 error bound = 4e-06
B = 26 | vec = 10
Approximation reached(1) or not(0) = 1 best pk/qk value = 5.09901 error bound = 9.80296e-06
B = 26 | vec = 10
Approximation reached(1) or not(0) = 1 best pk/qk value = 5.09901 error bound = 9.80296e-06
B = 13 | vec = 1 1 1 6
Approximation reached(1) or not(0) = 1 best pk/qk value = 3.6055 error bound = 8.4168e-05
B = 75 | vec = 1 1 1 16
Approximation reached(1) or not(0) = 1 best pk/qk value = 8.66019 error bound = 9.42596e-05
B = 62 | vec = 1 6 1 14
Approximation reached(1) or not(0) = 1 best pk/qk value = 7.87395 error bound = 7.06165e-05
B = 95 | vec = 1 2 1 18
Approximation reached(1) or not(0) = 1 best pk/qk value = 9.74684 error bound = 8.01154e-05
B = 88 | vec = 2 1 1 1 2 18
Approximation reached(1) or not(0) = 1 best pk/qk value = 9.38083 error bound = 3.35579e-06
B = 36 | vec = 0
Approximation reached(1) or not(0) = 1 best pk/qk value = 6 error bound = 0
B = 96 | vec = 1 3 1 18
Approximation reached(1) or not(0) = 1 best pk/qk value = 9.79798 error bound = 3.40101e-05
B = 46 | vec = 1 3 1 1 2 6 2 1 1 3 1 12
Approximation reached(1) or not(0) = 1 best pk/qk value = 6.78231 error bound = 2.31385e-05
B = 54 | vec = 2 1 6 1 2 14
Approximation reached(1) or not(0) = 1 best pk/qk value = 7.34848 error bound = 1.63977e-05
B = 67 | vec = 5 2 1 1 7 1 1 2 5 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.18537 error bound = 2.37954e-05

B = 33 | vec = 1 2 1 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.74453 error bound = 5.32793e-05

B = 86 | vec = 3 1 1 1 8 1 1 1 3 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.27358 error bound = 8.89996e-05

B = 76 | vec = 1 2 1 1 5 4 5 1 1 2 1 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.71779 error bound = 7.52757e-06

B = 5 | vec = 4

Approximation reached(1) or not(0) = 1 best pk/qk value = 2.23611 error bound = 4.82253e-05

B = 34 | vec = 1 4 1 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.83099 error bound = 4.95933e-05

B = 3 | vec = 1 2

Approximation reached(1) or not(0) = 1 best pk/qk value = 1.73203 error bound = 4.27186e-05

B = 27 | vec = 5 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.19608 error bound = 7.68935e-05

B = 46 | vec = 1 3 1 1 2 6 2 1 1 3 1 12

Approximation reached(1) or not(0) = 1 best pk/qk value = 6.78231 error bound = 2.31385e-05

B = 97 | vec = 1 5 1 1 1 1 1 1 5 1 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.84884 error bound = 2.70416e-05

B = 74 | vec = 1 1 1 1 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.60234 error bound = 3.41986e-05

B = 29 | vec = 2 1 1 2 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.38519 error bound = 2.74348e-05

B = 50 | vec = 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.07107 error bound = 1.84052e-06

B = 22 | vec = 1 2 4 2 1 8

Approximation reached(1) or not(0) = 1 best pk/qk value = 4.69048 error bound = 7.08617e-05

B = 51 | vec = 7 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.14141 error bound = 1.45758e-05

B = 54 | vec = 2 1 6 1 2 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.34848 error bound = 1.63977e-05

B = 95 | vec = 1 2 1 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.74684 error bound = 8.01154e-05

B = 4 | vec = 0
Approximation reached(1) or not(0) = 1 best pk/qk value = 2 error bound = 0
B = 54 | vec = 2 1 6 1 2 14
Approximation reached(1) or not(0) = 1 best pk/qk value = 7.34848 error bound = 1.63977e-05
B = 69 | vec = 3 3 1 4 1 3 3 16
Approximation reached(1) or not(0) = 1 best pk/qk value = 8.30667 error bound = 5.92593e-05
B = 23 | vec = 1 3 1 8
Approximation reached(1) or not(0) = 1 best pk/qk value = 4.79581 error bound = 2.74115e-05
B = 62 | vec = 1 6 1 14
Approximation reached(1) or not(0) = 1 best pk/qk value = 7.87395 error bound = 7.06165e-05
B = 81 | vec = 0
Approximation reached(1) or not(0) = 1 best pk/qk value = 9 error bound = 0
B = 74 | vec = 1 1 1 1 16
Approximation reached(1) or not(0) = 1 best pk/qk value = 8.60234 error bound = 3.41986e-05
B = 43 | vec = 1 1 3 1 5 1 3 1 1 12
Approximation reached(1) or not(0) = 1 best pk/qk value = 6.55738 error bound = 8.95817e-05
B = 21 | vec = 1 1 2 1 1 8
Approximation reached(1) or not(0) = 1 best pk/qk value = 4.58252 error bound = 9.42596e-05
B = 12 | vec = 2 6
Approximation reached(1) or not(0) = 1 best pk/qk value = 3.46409 error bound = 1.5262e-05
B = 98 | vec = 1 8 1 18
Approximation reached(1) or not(0) = 1 best pk/qk value = 9.89947 error bound = 2.79947e-05
B = 61 | vec = 1 4 3 1 2 2 1 3 4 1 14
Approximation reached(1) or not(0) = 1 best pk/qk value = 7.81022 error bound = 5.32793e-05
B = 35 | vec = 1 10
Approximation reached(1) or not(0) = 1 best pk/qk value = 5.91603 error bound = 5.82717e-05
B = 84 | vec = 6 18
Approximation reached(1) or not(0) = 1 best pk/qk value = 9.16514 error bound = 1.4028e-05
B = 63 | vec = 1 14
Approximation reached(1) or not(0) = 1 best pk/qk value = 7.93724 error bound = 1.75067e-05
B = 50 | vec = 14
Approximation reached(1) or not(0) = 1 best pk/qk value = 7.07107 error bound = 1.84052e-06
B = 9 | vec = 0
Approximation reached(1) or not(0) = 1 best pk/qk value = 3 error bound = 0
B = 98 | vec = 1 8 1 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.89947 error bound = 2.79947e-05

B = 61 | vec = 1 4 3 1 2 2 1 3 4 1 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.81022 error bound = 5.32793e-05

B = 29 | vec = 2 1 1 2 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.38519 error bound = 2.74348e-05

B = 32 | vec = 1 1 1 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.65686 error bound = 9.61169e-06

B = 38 | vec = 6 12

Approximation reached(1) or not(0) = 1 best pk/qk value = 6.16438 error bound = 3.12754e-05

B = 44 | vec = 1 1 1 2 1 1 1 12

Approximation reached(1) or not(0) = 1 best pk/qk value = 6.63333 error bound = 9.25926e-05

B = 64 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 8 error bound = 0

B = 25 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 5 error bound = 0

B = 32 | vec = 1 1 1 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.65686 error bound = 9.61169e-06

B = 9 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 3 error bound = 0

B = 72 | vec = 2 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.48529 error bound = 1.35164e-05

B = 66 | vec = 8 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.12403 error bound = 7.51157e-06

B = 20 | vec = 2 8

Approximation reached(1) or not(0) = 1 best pk/qk value = 4.47222 error bound = 9.64506e-05

B = 88 | vec = 2 1 1 1 2 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.38083 error bound = 3.35579e-06

B = 10 | vec = 6

Approximation reached(1) or not(0) = 1 best pk/qk value = 3.16228 error bound = 3.20611e-06

B = 49 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 7 error bound = 0

B = 14 | vec = 1 2 1 6

Approximation reached(1) or not(0) = 1 best pk/qk value = 3.74167 error bound = 1.15741e-05

B = 79 | vec = 1 7 1 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.88816 error bound = 4.32825e-05

B = 38 | vec = 6 12

Approximation reached(1) or not(0) = 1 best pk/qk value = 6.16438 error bound = 3.12754e-05

B = 22 | vec = 1 2 4 2 1 8

Approximation reached(1) or not(0) = 1 best pk/qk value = 4.69048 error bound = 7.08617e-05

B = 87 | vec = 3 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.32738 error bound = 1.96838e-06

B = 26 | vec = 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.09901 error bound = 9.80296e-06

B = 77 | vec = 1 3 2 3 1 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.775 error bound = 3.90625e-05

B = 67 | vec = 5 2 1 1 7 1 1 2 5 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.18537 error bound = 2.37954e-05

B = 85 | vec = 4 1 1 4 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.21951 error bound = 3.30491e-05

B = 13 | vec = 1 1 1 1 6

Approximation reached(1) or not(0) = 1 best pk/qk value = 3.6055 error bound = 8.4168e-05

B = 56 | vec = 2 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.48333 error bound = 1.98413e-05

B = 65 | vec = 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.06226 error bound = 9.46267e-07

B = 35 | vec = 1 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.91603 error bound = 5.82717e-05

B = 3 | vec = 1 2

Approximation reached(1) or not(0) = 1 best pk/qk value = 1.73203 error bound = 4.27186e-05

B = 12 | vec = 2 6

Approximation reached(1) or not(0) = 1 best pk/qk value = 3.46409 error bound = 1.5262e-05

B = 72 | vec = 2 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.48529 error bound = 1.35164e-05

B = 54 | vec = 2 1 6 1 2 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.34848 error bound = 1.63977e-05

B = 31 | vec = 1 1 3 5 3 1 1 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.5678 error bound = 7.18184e-05

B = 47 | vec = 1 5 1 12

Approximation reached(1) or not(0) = 1 best pk/qk value = 6.85567 error bound = 2.12562e-05

B = 20 | vec = 2 8
Approximation reached(1) or not(0) = 1 best pk/qk value = 4.47222 error bound = 9.64506e-05
B = 1 | vec = 0
Approximation reached(1) or not(0) = 1 best pk/qk value = 1 error bound = 0
B = 52 | vec = 4 1 2 1 4 14
Approximation reached(1) or not(0) = 1 best pk/qk value = 7.21111 error bound = 8.81834e-06
B = 70 | vec = 2 1 2 1 2 16
Approximation reached(1) or not(0) = 1 best pk/qk value = 8.36667 error bound = 6.94444e-05
B = 78 | vec = 1 4 1 16
Approximation reached(1) or not(0) = 1 best pk/qk value = 8.83168 error bound = 9.80296e-05
B = 88 | vec = 2 1 1 1 2 18
Approximation reached(1) or not(0) = 1 best pk/qk value = 9.38083 error bound = 3.35579e-06
B = 51 | vec = 7 14
Approximation reached(1) or not(0) = 1 best pk/qk value = 7.14141 error bound = 1.45758e-05
B = 10 | vec = 6
Approximation reached(1) or not(0) = 1 best pk/qk value = 3.16228 error bound = 3.20611e-06
B = 25 | vec = 0
Approximation reached(1) or not(0) = 1 best pk/qk value = 5 error bound = 0
B = 63 | vec = 1 14
Approximation reached(1) or not(0) = 1 best pk/qk value = 7.93724 error bound = 1.75067e-05
B = 85 | vec = 4 1 1 4 18
Approximation reached(1) or not(0) = 1 best pk/qk value = 9.21951 error bound = 3.30491e-05
B = 87 | vec = 3 18
Approximation reached(1) or not(0) = 1 best pk/qk value = 9.32738 error bound = 1.96838e-06
B = 83 | vec = 9 18
Approximation reached(1) or not(0) = 1 best pk/qk value = 9.11043 error bound = 4.18198e-06
B = 86 | vec = 3 1 1 1 8 1 1 1 3 18
Approximation reached(1) or not(0) = 1 best pk/qk value = 9.27358 error bound = 8.89996e-05
B = 17 | vec = 8
Approximation reached(1) or not(0) = 1 best pk/qk value = 4.12308 error bound = 2.95858e-05
B = 17 | vec = 8
Approximation reached(1) or not(0) = 1 best pk/qk value = 4.12308 error bound = 2.95858e-05
B = 95 | vec = 1 2 1 18
Approximation reached(1) or not(0) = 1 best pk/qk value = 9.74684 error bound = 8.01154e-05
B = 55 | vec = 2 2 2 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.41618 error bound = 1.67062e-05

B = 27 | vec = 5 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.19608 error bound = 7.68935e-05

B = 86 | vec = 3 1 1 1 8 1 1 1 3 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.27358 error bound = 8.89996e-05

B = 75 | vec = 1 1 1 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.66019 error bound = 9.42596e-05

B = 30 | vec = 2 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.47727 error bound = 5.16529e-05

B = 95 | vec = 1 2 1 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.74684 error bound = 8.01154e-05

B = 60 | vec = 1 2 1 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.74595 error bound = 2.92184e-05

B = 41 | vec = 2 2 12

Approximation reached(1) or not(0) = 1 best pk/qk value = 6.4031 error bound = 3.00463e-05

B = 76 | vec = 1 2 1 1 5 4 5 1 1 2 1 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.71779 error bound = 7.52757e-06

B = 35 | vec = 1 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.91603 error bound = 5.82717e-05

B = 64 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 8 error bound = 0

B = 21 | vec = 1 1 2 1 1 8

Approximation reached(1) or not(0) = 1 best pk/qk value = 4.58252 error bound = 9.42596e-05

B = 25 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 5 error bound = 0

B = 79 | vec = 1 7 1 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.88816 error bound = 4.32825e-05

B = 40 | vec = 3 12

Approximation reached(1) or not(0) = 1 best pk/qk value = 6.32456 error bound = 6.41223e-06

B = 52 | vec = 4 1 2 1 4 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.21111 error bound = 8.81834e-06

B = 65 | vec = 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.06226 error bound = 9.46267e-07

B = 31 | vec = 1 1 3 5 3 1 1 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.5678 error bound = 7.18184e-05

B = 18 | vec = 4 8

Approximation reached(1) or not(0) = 1 best pk/qk value = 4.24265 error bound = 6.75822e-06

B = 100 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 10 error bound = 0

B = 28 | vec = 3 2 3 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.2915 error bound = 5.46367e-06

B = 93 | vec = 1 1 1 4 6 4 1 1 1 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.64368 error bound = 3.30295e-05

B = 23 | vec = 1 3 1 8

Approximation reached(1) or not(0) = 1 best pk/qk value = 4.79581 error bound = 2.74115e-05

B = 57 | vec = 1 1 4 1 1 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.54983 error bound = 1.1809e-05

B = 61 | vec = 1 4 3 1 2 2 1 3 4 1 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.81022 error bound = 5.32793e-05

B = 47 | vec = 1 5 1 12

Approximation reached(1) or not(0) = 1 best pk/qk value = 6.85567 error bound = 2.12562e-05

B = 19 | vec = 2 1 3 1 2 8

Approximation reached(1) or not(0) = 1 best pk/qk value = 4.35897 error bound = 8.21828e-05

B = 88 | vec = 2 1 1 1 2 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.38083 error bound = 3.35579e-06

B = 17 | vec = 8

Approximation reached(1) or not(0) = 1 best pk/qk value = 4.12308 error bound = 2.95858e-05

B = 78 | vec = 1 4 1 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.83168 error bound = 9.80296e-05

B = 12 | vec = 2 6

Approximation reached(1) or not(0) = 1 best pk/qk value = 3.46409 error bound = 1.5262e-05

B = 50 | vec = 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.07107 error bound = 1.84052e-06

B = 93 | vec = 1 1 1 4 6 4 1 1 1 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.64368 error bound = 3.30295e-05

B = 47 | vec = 1 5 1 12

Approximation reached(1) or not(0) = 1 best pk/qk value = 6.85567 error bound = 2.12562e-05

B = 33 | vec = 1 2 1 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.74453 error bound = 5.32793e-05

B = 31 | vec = 1 1 3 5 3 1 1 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.5678 error bound = 7.18184e-05

B = 30 | vec = 2 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.47727 error bound = 5.16529e-05

B = 56 | vec = 2 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.48333 error bound = 1.98413e-05

B = 54 | vec = 2 1 6 1 2 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.34848 error bound = 1.63977e-05

B = 71 | vec = 2 2 1 7 1 2 2 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.42614 error bound = 1.61415e-05

B = 16 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 4 error bound = 0

B = 100 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 10 error bound = 0

B = 36 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 6 error bound = 0

B = 60 | vec = 1 2 1 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.74595 error bound = 2.92184e-05

B = 74 | vec = 1 1 1 1 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.60234 error bound = 3.41986e-05

B = 27 | vec = 5 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.19608 error bound = 7.68935e-05

B = 46 | vec = 1 3 1 1 2 6 2 1 1 3 1 12

Approximation reached(1) or not(0) = 1 best pk/qk value = 6.78231 error bound = 2.31385e-05

B = 33 | vec = 1 2 1 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.74453 error bound = 5.32793e-05

B = 22 | vec = 1 2 4 2 1 8

Approximation reached(1) or not(0) = 1 best pk/qk value = 4.69048 error bound = 7.08617e-05

B = 92 | vec = 1 1 2 4 2 1 1 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.59167 error bound = 3.85802e-06

B = 76 | vec = 1 2 1 1 5 4 5 1 1 2 1 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.71779 error bound = 7.52757e-06

B = 93 | vec = 1 1 1 4 6 4 1 1 1 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.64368 error bound = 3.30295e-05

B = 72 | vec = 2 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.48529 error bound = 1.35164e-05

B = 97 | vec = 1 5 1 1 1 1 1 1 5 1 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.84884 error bound = 2.70416e-05

B = 33 | vec = 1 2 1 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.74453 error bound = 5.32793e-05

B = 72 | vec = 2 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.48529 error bound = 1.35164e-05

B = 31 | vec = 1 1 3 5 3 1 1 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.5678 error bound = 7.18184e-05

B = 69 | vec = 3 3 1 4 1 3 3 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.30667 error bound = 5.92593e-05

B = 89 | vec = 2 3 3 2 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.43396 error bound = 1.97777e-05

B = 4 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 2 error bound = 0

B = 59 | vec = 1 2 7 2 1 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.68116 error bound = 1.50029e-05

B = 64 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 8 error bound = 0

B = 51 | vec = 7 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.14141 error bound = 1.45758e-05

B = 62 | vec = 1 6 1 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.87395 error bound = 7.06165e-05

B = 21 | vec = 1 1 2 1 1 8

Approximation reached(1) or not(0) = 1 best pk/qk value = 4.58252 error bound = 9.42596e-05

B = 57 | vec = 1 1 4 1 1 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.54983 error bound = 1.1809e-05

B = 98 | vec = 1 8 1 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.89947 error bound = 2.79947e-05

B = 91 | vec = 1 1 5 1 5 1 1 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.53939 error bound = 2.04061e-06

B = 15 | vec = 1 6

Approximation reached(1) or not(0) = 1 best pk/qk value = 3.87302 error bound = 4.19921e-05

B = 4 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 2 error bound = 0

B = 70 | vec = 2 1 2 1 2 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.36667 error bound = 6.94444e-05

B = 2 | vec = 2

Approximation reached(1) or not(0) = 0 best pk/qk value = 1.41379 error bound = 0.00059453

B = 82 | vec = 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.05538 error bound = 5.2597e-07

B = 3 | vec = 1 2

Approximation reached(1) or not(0) = 1 best pk/qk value = 1.73203 error bound = 4.27186e-05

B = 89 | vec = 2 3 3 2 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.43396 error bound = 1.97777e-05

B = 38 | vec = 6 12

Approximation reached(1) or not(0) = 1 best pk/qk value = 6.16438 error bound = 3.12754e-05

B = 96 | vec = 1 3 1 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.79798 error bound = 3.40101e-05

B = 17 | vec = 8

Approximation reached(1) or not(0) = 1 best pk/qk value = 4.12308 error bound = 2.95858e-05

B = 77 | vec = 1 3 2 3 1 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.775 error bound = 3.90625e-05

B = 60 | vec = 1 2 1 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.74595 error bound = 2.92184e-05

B = 45 | vec = 1 2 2 2 1 12

Approximation reached(1) or not(0) = 1 best pk/qk value = 6.7082 error bound = 1.07498e-05

B = 56 | vec = 2 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.48333 error bound = 1.98413e-05

B = 15 | vec = 1 6

Approximation reached(1) or not(0) = 1 best pk/qk value = 3.87302 error bound = 4.19921e-05

B = 65 | vec = 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.06226 error bound = 9.46267e-07

B = 1 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 1 error bound = 0

B = 85 | vec = 4 1 1 4 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.21951 error bound = 3.30491e-05

B = 8 | vec = 1 4

Approximation reached(1) or not(0) = 1 best pk/qk value = 2.8284 error bound = 3.50128e-05

B = 53 | vec = 3 1 1 3 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.28011 error bound = 2.61543e-06

B = 42 | vec = 2 12

Approximation reached(1) or not(0) = 1 best pk/qk value = 6.48077 error bound = 3.08185e-05

B = 25 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 5 error bound = 0

B = 90 | vec = 2 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.48684 error bound = 9.61834e-06

B = 58 | vec = 1 1 1 1 1 1 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.61579 error bound = 2.77008e-05

B = 55 | vec = 2 2 2 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.41618 error bound = 1.67062e-05

B = 94 | vec = 1 2 3 1 1 5 1 8 1 5 1 1 3 2 1 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.69531 error bound = 6.10352e-05

B = 38 | vec = 6 12

Approximation reached(1) or not(0) = 1 best pk/qk value = 6.16438 error bound = 3.12754e-05

B = 35 | vec = 1 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.91603 error bound = 5.82717e-05

B = 98 | vec = 1 8 1 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.89947 error bound = 2.79947e-05

B = 81 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 9 error bound = 0

B = 46 | vec = 1 3 1 1 2 6 2 1 1 3 1 12

Approximation reached(1) or not(0) = 1 best pk/qk value = 6.78231 error bound = 2.31385e-05

B = 74 | vec = 1 1 1 1 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.60234 error bound = 3.41986e-05

B = 71 | vec = 2 2 1 7 1 2 2 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.42614 error bound = 1.61415e-05

B = 79 | vec = 1 7 1 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.88816 error bound = 4.32825e-05

B = 94 | vec = 1 2 3 1 1 5 1 8 1 5 1 1 3 2 1 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.69531 error bound = 6.10352e-05

B = 5 | vec = 4

Approximation reached(1) or not(0) = 1 best pk/qk value = 2.23611 error bound = 4.82253e-05

B = 24 | vec = 1 8

Approximation reached(1) or not(0) = 1 best pk/qk value = 4.89899 error bound = 1.27538e-05

B = 68 | vec = 4 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.24615 error bound = 5.91716e-05

B = 54 | vec = 2 1 6 1 2 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.34848 error bound = 1.63977e-05

B = 8 | vec = 1 4

Approximation reached(1) or not(0) = 1 best pk/qk value = 2.8284 error bound = 3.50128e-05

B = 96 | vec = 1 3 1 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.79798 error bound = 3.40101e-05

B = 57 | vec = 1 1 4 1 1 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.54983 error bound = 1.1809e-05

B = 75 | vec = 1 1 1 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.66019 error bound = 9.42596e-05

B = 22 | vec = 1 2 4 2 1 8

Approximation reached(1) or not(0) = 1 best pk/qk value = 4.69048 error bound = 7.08617e-05

B = 25 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 5 error bound = 0

B = 85 | vec = 4 1 1 4 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.21951 error bound = 3.30491e-05

B = 51 | vec = 7 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.14141 error bound = 1.45758e-05

B = 1 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 1 error bound = 0

B = 2 | vec = 2

Approximation reached(1) or not(0) = 0 best pk/qk value = 1.41379 error bound = 0.00059453

B = 100 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 10 error bound = 0

B = 2 | vec = 2

Approximation reached(1) or not(0) = 0 best pk/qk value = 1.41379 error bound = 0.00059453

B = 69 | vec = 3 3 1 4 1 3 3 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.30667 error bound = 5.92593e-05

B = 34 | vec = 1 4 1 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.83099 error bound = 4.95933e-05

B = 48 | vec = 1 12

Approximation reached(1) or not(0) = 1 best pk/qk value = 6.92818 error bound = 3.05241e-05

B = 7 | vec = 1 1 1 4

Approximation reached(1) or not(0) = 1 best pk/qk value = 2.64574 error bound = 2.0109e-05

B = 96 | vec = 1 3 1 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.79798 error bound = 3.40101e-05

B = 73 | vec = 1 1 5 5 1 1 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.544 error bound = 4e-06

B = 26 | vec = 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.09901 error bound = 9.80296e-06

B = 63 | vec = 1 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.93724 error bound = 1.75067e-05

B = 100 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 10 error bound = 0

B = 91 | vec = 1 1 5 1 5 1 1 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.53939 error bound = 2.04061e-06

B = 7 | vec = 1 1 1 4

Approximation reached(1) or not(0) = 1 best pk/qk value = 2.64574 error bound = 2.0109e-05

B = 40 | vec = 3 12

Approximation reached(1) or not(0) = 1 best pk/qk value = 6.32456 error bound = 6.41223e-06

B = 99 | vec = 1 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.94987 error bound = 6.9618e-06

B = 12 | vec = 2 6

Approximation reached(1) or not(0) = 1 best pk/qk value = 3.46409 error bound = 1.5262e-05

B = 27 | vec = 5 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.19608 error bound = 7.68935e-05

B = 57 | vec = 1 1 4 1 1 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.54983 error bound = 1.1809e-05

B = 74 | vec = 1 1 1 1 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.60234 error bound = 3.41986e-05

B = 22 | vec = 1 2 4 2 1 8

Approximation reached(1) or not(0) = 1 best pk/qk value = 4.69048 error bound = 7.08617e-05

B = 25 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 5 error bound = 0

B = 11 | vec = 3 6

Approximation reached(1) or not(0) = 1 best pk/qk value = 3.31667 error bound = 4.62963e-05

B = 36 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 6 error bound = 0

B = 44 | vec = 1 1 1 2 1 1 1 12

Approximation reached(1) or not(0) = 1 best pk/qk value = 6.63333 error bound = 9.25926e-05

B = 55 | vec = 2 2 2 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.41618 error bound = 1.67062e-05

B = 23 | vec = 1 3 1 8

Approximation reached(1) or not(0) = 1 best pk/qk value = 4.79581 error bound = 2.74115e-05

B = 7 | vec = 1 1 1 4

Approximation reached(1) or not(0) = 1 best pk/qk value = 2.64574 error bound = 2.0109e-05

B = 30 | vec = 2 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.47727 error bound = 5.16529e-05

B = 16 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 4 error bound = 0

B = 22 | vec = 1 2 4 2 1 8

Approximation reached(1) or not(0) = 1 best pk/qk value = 4.69048 error bound = 7.08617e-05

B = 33 | vec = 1 2 1 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.74453 error bound = 5.32793e-05

B = 14 | vec = 1 2 1 6

Approximation reached(1) or not(0) = 1 best pk/qk value = 3.74167 error bound = 1.15741e-05

B = 74 | vec = 1 1 1 1 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.60234 error bound = 3.41986e-05

B = 70 | vec = 2 1 2 1 2 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.36667 error bound = 6.94444e-05

B = 9 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 3 error bound = 0

B = 28 | vec = 3 2 3 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.2915 error bound = 5.46367e-06

B = 72 | vec = 2 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.48529 error bound = 1.35164e-05

B = 12 | vec = 2 6

Approximation reached(1) or not(0) = 1 best pk/qk value = 3.46409 error bound = 1.5262e-05

B = 22 | vec = 1 2 4 2 1 8

Approximation reached(1) or not(0) = 1 best pk/qk value = 4.69048 error bound = 7.08617e-05

B = 18 | vec = 4 8
Approximation reached(1) or not(0) = 1 best pk/qk value = 4.24265 error bound = 6.75822e-06
B = 24 | vec = 1 8
Approximation reached(1) or not(0) = 1 best pk/qk value = 4.89899 error bound = 1.27538e-05
B = 47 | vec = 1 5 1 12
Approximation reached(1) or not(0) = 1 best pk/qk value = 6.85567 error bound = 2.12562e-05
B = 18 | vec = 4 8
Approximation reached(1) or not(0) = 1 best pk/qk value = 4.24265 error bound = 6.75822e-06
B = 17 | vec = 8
Approximation reached(1) or not(0) = 1 best pk/qk value = 4.12308 error bound = 2.95858e-05
B = 73 | vec = 1 1 5 5 1 1 16
Approximation reached(1) or not(0) = 1 best pk/qk value = 8.544 error bound = 4e-06
B = 42 | vec = 2 12
Approximation reached(1) or not(0) = 1 best pk/qk value = 6.48077 error bound = 3.08185e-05
B = 2 | vec = 2
Approximation reached(1) or not(0) = 0 best pk/qk value = 1.41379 error bound = 0.00059453
B = 54 | vec = 2 1 6 1 2 14
Approximation reached(1) or not(0) = 1 best pk/qk value = 7.34848 error bound = 1.63977e-05
B = 22 | vec = 1 2 4 2 1 8
Approximation reached(1) or not(0) = 1 best pk/qk value = 4.69048 error bound = 7.08617e-05
B = 75 | vec = 1 1 1 16
Approximation reached(1) or not(0) = 1 best pk/qk value = 8.66019 error bound = 9.42596e-05
B = 10 | vec = 6
Approximation reached(1) or not(0) = 1 best pk/qk value = 3.16228 error bound = 3.20611e-06
B = 70 | vec = 2 1 2 1 2 16
Approximation reached(1) or not(0) = 1 best pk/qk value = 8.36667 error bound = 6.94444e-05
B = 77 | vec = 1 3 2 3 1 16
Approximation reached(1) or not(0) = 1 best pk/qk value = 8.775 error bound = 3.90625e-05
B = 44 | vec = 1 1 1 2 1 1 1 12
Approximation reached(1) or not(0) = 1 best pk/qk value = 6.63333 error bound = 9.25926e-05
B = 59 | vec = 1 2 7 2 1 14
Approximation reached(1) or not(0) = 1 best pk/qk value = 7.68116 error bound = 1.50029e-05
B = 68 | vec = 4 16
Approximation reached(1) or not(0) = 1 best pk/qk value = 8.24615 error bound = 5.91716e-05

B = 80 | vec = 1 16
Approximation reached(1) or not(0) = 1 best pk/qk value = 8.94426 error bound = 1.07498e-05
B = 64 | vec = 0
Approximation reached(1) or not(0) = 1 best pk/qk value = 8 error bound = 0
B = 40 | vec = 3 12
Approximation reached(1) or not(0) = 1 best pk/qk value = 6.32456 error bound = 6.41223e-06
B = 58 | vec = 1 1 1 1 1 1 14
Approximation reached(1) or not(0) = 1 best pk/qk value = 7.61579 error bound = 2.77008e-05
B = 94 | vec = 1 2 3 1 1 5 1 8 1 5 1 1 3 2 1 18
Approximation reached(1) or not(0) = 1 best pk/qk value = 9.69531 error bound = 6.10352e-05
B = 18 | vec = 4 8
Approximation reached(1) or not(0) = 1 best pk/qk value = 4.24265 error bound = 6.75822e-06
B = 79 | vec = 1 7 1 16
Approximation reached(1) or not(0) = 1 best pk/qk value = 8.88816 error bound = 4.32825e-05
B = 39 | vec = 4 12
Approximation reached(1) or not(0) = 1 best pk/qk value = 6.245 error bound = 2.08333e-06
B = 50 | vec = 14
Approximation reached(1) or not(0) = 1 best pk/qk value = 7.07107 error bound = 1.84052e-06
B = 60 | vec = 1 2 1 14
Approximation reached(1) or not(0) = 1 best pk/qk value = 7.74595 error bound = 2.92184e-05
B = 84 | vec = 6 18
Approximation reached(1) or not(0) = 1 best pk/qk value = 9.16514 error bound = 1.4028e-05
B = 71 | vec = 2 2 1 7 1 2 2 16
Approximation reached(1) or not(0) = 1 best pk/qk value = 8.42614 error bound = 1.61415e-05
B = 18 | vec = 4 8
Approximation reached(1) or not(0) = 1 best pk/qk value = 4.24265 error bound = 6.75822e-06
B = 30 | vec = 2 10
Approximation reached(1) or not(0) = 1 best pk/qk value = 5.47727 error bound = 5.16529e-05
B = 4 | vec = 0
Approximation reached(1) or not(0) = 1 best pk/qk value = 2 error bound = 0
B = 18 | vec = 4 8
Approximation reached(1) or not(0) = 1 best pk/qk value = 4.24265 error bound = 6.75822e-06
B = 2 | vec = 2
Approximation reached(1) or not(0) = 0 best pk/qk value = 1.41379 error bound = 0.00059453
B = 17 | vec = 8

Approximation reached(1) or not(0) = 1 best pk/qk value = 4.12308 error bound = 2.95858e-05

B = 43 | vec = 1 1 3 1 5 1 3 1 1 12

Approximation reached(1) or not(0) = 1 best pk/qk value = 6.55738 error bound = 8.95817e-05

B = 8 | vec = 1 4

Approximation reached(1) or not(0) = 1 best pk/qk value = 2.8284 error bound = 3.50128e-05

B = 39 | vec = 4 12

Approximation reached(1) or not(0) = 1 best pk/qk value = 6.245 error bound = 2.08333e-06

B = 40 | vec = 3 12

Approximation reached(1) or not(0) = 1 best pk/qk value = 6.32456 error bound = 6.41223e-06

B = 61 | vec = 1 4 3 1 2 2 1 3 4 1 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.81022 error bound = 5.32793e-05

B = 74 | vec = 1 1 1 1 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.60234 error bound = 3.41986e-05

B = 73 | vec = 1 1 5 5 1 1 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.544 error bound = 4e-06

B = 90 | vec = 2 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.48684 error bound = 9.61834e-06

B = 9 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 3 error bound = 0

B = 95 | vec = 1 2 1 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.74684 error bound = 8.01154e-05

B = 49 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 7 error bound = 0

B = 90 | vec = 2 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.48684 error bound = 9.61834e-06

B = 82 | vec = 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.05538 error bound = 5.2597e-07

B = 37 | vec = 12

Approximation reached(1) or not(0) = 1 best pk/qk value = 6.08276 error bound = 3.96354e-06

B = 52 | vec = 4 1 2 1 4 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.21111 error bound = 8.81834e-06

B = 80 | vec = 1 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.94426 error bound = 1.07498e-05

B = 78 | vec = 1 4 1 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.83168 error bound = 9.80296e-05

B = 67 | vec = 5 2 1 1 7 1 1 2 5 16
Approximation reached(1) or not(0) = 1 best pk/qk value = 8.18537 error bound = 2.37954e-05
B = 41 | vec = 2 2 12
Approximation reached(1) or not(0) = 1 best pk/qk value = 6.4031 error bound = 3.00463e-05
B = 60 | vec = 1 2 1 14
Approximation reached(1) or not(0) = 1 best pk/qk value = 7.74595 error bound = 2.92184e-05
B = 9 | vec = 0
Approximation reached(1) or not(0) = 1 best pk/qk value = 3 error bound = 0
B = 91 | vec = 1 1 5 1 5 1 1 18
Approximation reached(1) or not(0) = 1 best pk/qk value = 9.53939 error bound = 2.04061e-06
B = 83 | vec = 9 18
Approximation reached(1) or not(0) = 1 best pk/qk value = 9.11043 error bound = 4.18198e-06
B = 42 | vec = 2 12
Approximation reached(1) or not(0) = 1 best pk/qk value = 6.48077 error bound = 3.08185e-05
B = 99 | vec = 1 18
Approximation reached(1) or not(0) = 1 best pk/qk value = 9.94987 error bound = 6.9618e-06
B = 99 | vec = 1 18
Approximation reached(1) or not(0) = 1 best pk/qk value = 9.94987 error bound = 6.9618e-06
B = 87 | vec = 3 18
Approximation reached(1) or not(0) = 1 best pk/qk value = 9.32738 error bound = 1.96838e-06
B = 45 | vec = 1 2 2 2 1 12
Approximation reached(1) or not(0) = 1 best pk/qk value = 6.7082 error bound = 1.07498e-05
B = 24 | vec = 1 8
Approximation reached(1) or not(0) = 1 best pk/qk value = 4.89899 error bound = 1.27538e-05
B = 46 | vec = 1 3 1 1 2 6 2 1 1 3 1 12
Approximation reached(1) or not(0) = 1 best pk/qk value = 6.78231 error bound = 2.31385e-05
B = 34 | vec = 1 4 1 10
Approximation reached(1) or not(0) = 1 best pk/qk value = 5.83099 error bound = 4.95933e-05
B = 76 | vec = 1 2 1 1 5 4 5 1 1 2 1 16
Approximation reached(1) or not(0) = 1 best pk/qk value = 8.71779 error bound = 7.52757e-06
B = 10 | vec = 6
Approximation reached(1) or not(0) = 1 best pk/qk value = 3.16228 error bound = 3.20611e-06
B = 74 | vec = 1 1 1 1 16
Approximation reached(1) or not(0) = 1 best pk/qk value = 8.60234 error bound = 3.41986e-05

B = 95 | vec = 1 2 1 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.74684 error bound = 8.01154e-05

B = 36 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 6 error bound = 0

B = 36 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 6 error bound = 0

B = 19 | vec = 2 1 3 1 2 8

Approximation reached(1) or not(0) = 1 best pk/qk value = 4.35897 error bound = 8.21828e-05

B = 36 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 6 error bound = 0

B = 72 | vec = 2 16

Approximation reached(1) or not(0) = 1 best pk/qk value = 8.48529 error bound = 1.35164e-05

B = 57 | vec = 1 1 4 1 1 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.54983 error bound = 1.1809e-05

B = 49 | vec = 0

Approximation reached(1) or not(0) = 1 best pk/qk value = 7 error bound = 0

B = 30 | vec = 2 10

Approximation reached(1) or not(0) = 1 best pk/qk value = 5.47727 error bound = 5.16529e-05

B = 40 | vec = 3 12

Approximation reached(1) or not(0) = 1 best pk/qk value = 6.32456 error bound = 6.41223e-06

B = 24 | vec = 1 8

Approximation reached(1) or not(0) = 1 best pk/qk value = 4.89899 error bound = 1.27538e-05

B = 22 | vec = 1 2 4 2 1 8

Approximation reached(1) or not(0) = 1 best pk/qk value = 4.69048 error bound = 7.08617e-05

B = 7 | vec = 1 1 1 4

Approximation reached(1) or not(0) = 1 best pk/qk value = 2.64574 error bound = 2.0109e-05

B = 44 | vec = 1 1 1 2 1 1 1 12

Approximation reached(1) or not(0) = 1 best pk/qk value = 6.63333 error bound = 9.25926e-05

B = 86 | vec = 3 1 1 1 8 1 1 1 3 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.27358 error bound = 8.89996e-05

B = 44 | vec = 1 1 1 2 1 1 1 12

Approximation reached(1) or not(0) = 1 best pk/qk value = 6.63333 error bound = 9.25926e-05

B = 12 | vec = 2 6

Approximation reached(1) or not(0) = 1 best pk/qk value = 3.46409 error bound = 1.5262e-05

B = 46 | vec = 1 3 1 1 2 6 2 1 1 3 1 12

Approximation reached(1) or not(0) = 1 best pk/qk value = 6.78231 error bound = 2.31385e-05

B = 31 | vec = 1 1 3 5 3 1 1 10
Approximation reached(1) or not(0) = 1 best pk/qk value = 5.5678 error bound = 7.18184e-05
B = 39 | vec = 4 12
Approximation reached(1) or not(0) = 1 best pk/qk value = 6.245 error bound = 2.08333e-06
B = 17 | vec = 8
Approximation reached(1) or not(0) = 1 best pk/qk value = 4.12308 error bound = 2.95858e-05
B = 56 | vec = 2 14
Approximation reached(1) or not(0) = 1 best pk/qk value = 7.48333 error bound = 1.98413e-05
B = 45 | vec = 1 2 2 2 1 12
Approximation reached(1) or not(0) = 1 best pk/qk value = 6.7082 error bound = 1.07498e-05
B = 11 | vec = 3 6
Approximation reached(1) or not(0) = 1 best pk/qk value = 3.31667 error bound = 4.62963e-05
B = 84 | vec = 6 18
Approximation reached(1) or not(0) = 1 best pk/qk value = 9.16514 error bound = 1.4028e-05
B = 26 | vec = 10
Approximation reached(1) or not(0) = 1 best pk/qk value = 5.09901 error bound = 9.80296e-06
B = 57 | vec = 1 1 4 1 1 14
Approximation reached(1) or not(0) = 1 best pk/qk value = 7.54983 error bound = 1.1809e-05
B = 73 | vec = 1 1 5 5 1 1 16
Approximation reached(1) or not(0) = 1 best pk/qk value = 8.544 error bound = 4e-06
B = 36 | vec = 0
Approximation reached(1) or not(0) = 1 best pk/qk value = 6 error bound = 0
B = 4 | vec = 0
Approximation reached(1) or not(0) = 1 best pk/qk value = 2 error bound = 0
B = 22 | vec = 1 2 4 2 1 8
Approximation reached(1) or not(0) = 1 best pk/qk value = 4.69048 error bound = 7.08617e-05
B = 87 | vec = 3 18
Approximation reached(1) or not(0) = 1 best pk/qk value = 9.32738 error bound = 1.96838e-06
B = 27 | vec = 5 10
Approximation reached(1) or not(0) = 1 best pk/qk value = 5.19608 error bound = 7.68935e-05
B = 56 | vec = 2 14
Approximation reached(1) or not(0) = 1 best pk/qk value = 7.48333 error bound = 1.98413e-05
B = 86 | vec = 3 1 1 1 8 1 1 1 3 18
Approximation reached(1) or not(0) = 1 best pk/qk value = 9.27358 error bound = 8.89996e-05
B = 44 | vec = 1 1 1 2 1 1 1 12

Approximation reached(1) or not(0) = 1 best pk/qk value = 6.63333 error bound = 9.25926e-05

B = 44 | vec = 1 1 1 2 1 1 1 12

Approximation reached(1) or not(0) = 1 best pk/qk value = 6.63333 error bound = 9.25926e-05

B = 55 | vec = 2 2 2 14

Approximation reached(1) or not(0) = 1 best pk/qk value = 7.41618 error bound = 1.67062e-05

B = 86 | vec = 3 1 1 1 8 1 1 1 3 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.27358 error bound = 8.89996e-05

B = 95 | vec = 1 2 1 18

Approximation reached(1) or not(0) = 1 best pk/qk value = 9.74684 error bound = 8.01154e-05